

Agronomy Gleanings

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Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 7, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Sympathy

Beth and Frank Schreiber's daughter Nicole passed away Monday, January 3 due to complications from her birth.

There will be a memorial service on Monday, January 10 (her 1st birthday), 9:30 a.m., at Roseville Lutheran Church, 1215 W. Roselawn, Roseville. There will be a coffee at the church after the service.

Beth and Frank have suggested that memorials could be sent to:

United Cerebral Palsy of Minnesota
Suite 233 South
1821 University Avenue
St. Paul, MN 55104

Or to any other charity that benefits children that you might prefer.

Thank you

I wish to thank the Department for the plant that was sent to me in the hospital. It added color and life to my room. They let me out on Thursday and I should be back to work at least some next week.

Howard Rines

Announcements

There will be a faculty meeting on Monday, January 10 at 1:00 p.m. in 306 Borlaug Hall.

Mike McClellan has been relocated to the 2nd floor of the Weeds Lab, adjoining the Agronomy Headhouse at 1529 Lindig Avenue (above Pam's office). His new phone is 624-5395. His e-mail should be working soon.

The annual Northwest Experiment Station Dairymen's Day will be held on Wednesday, January 12. Registration along with refreshments will begin at 10:15 a.m. and the educational program will follow at 10:30 a.m. in the Ag Research Center Auditorium. There is a registration fee of \$7.00 which also includes

lunch and refreshments. For further information contact George Marx at 218-281-8606.

If you need help with any e-mail questions, you can contact Computing Services at help@maroon.tc.umn.edu. You will usually receive an answer the same day.

Hayes Award

Sandra Milach has been selected as this year's recipient of the Hayes Graduate Student Award. Sandra is a plant breeding major excelling in scholarship, research competency, and leadership. The award will be presented at an event this spring which will combine the Hayes Memorial Lecture and the naming of the Agronomy building as Hayes Hall.

Women in Agricultural Science

WAS is starting up for winter quarter. Our first meeting is Tuesday, January 11 at 12:00 noon in 491 Borlaug Hall. We meet every other Tuesday throughout the quarter. Debbie Samac will be discussing mentoring on campus. She has a lot of exciting information to present. There are materials on reserve in the Plant Pathology Library for this discussion. Everyone is invited!

90th Birthday Party for Dr. Burnham

The Good Samaritan Health Care Center (formerly Golden Age Nursing Home on County Road B, Roseville) and the American Chestnut Foundation is sponsoring a 90th birthday party for Dr. Burnham on Thursday, January 13 at 3:30 p.m. The party will be held in the cafeteria of the health care center. Colleagues and friends of Dr. Burnham are invited to attend. RSVP to Debbie Drange at 625-6290 (Plant Pathology Department).

For Sale

1980 Ford Mustang, hatchback, \$500 or best offer. Call Craig Sheaffer at 625-7224.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Postdoctoral Research Associate-soybean, Department of Agronomy, Iowa State University, Ames, IA.

Postdoctoral Associate-sustainable agriculture, Department of Soil Science and Department of Plant Pathology, University of Minnesota, St. Paul, MN.

Assistant Professor-soil science, College of Agriculture & Life Sciences, University of Guam, Mangilao, Guam.

Seminars

- January 10 Plant Molecular Genetics, Candy Collmer, I gene of bean and broad spectrum Poty virus resistance, 12:00 noon, 306 Borlaug Hall.
Plant Breeding, Paul Meints, Crop/weed gene flow: high risk or natural phenomenon, 3:30 p.m., 306 Borlaug Hall.
- January 12 Agronomy Seminar, Richard Nelson and Gary McVey, Agricultural Utilization Research Institute (AURI), New crops, new uses and new agricultural prosperity, 3:30 p.m., 306 Borlaug Hall.
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Calendar

- January 10 Faculty meeting.
January 17 All University offices will be closed.

Agronomy Gleanings

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Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

January 14, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Sympathy

Jeanne Davy's father Theodore (Ted) Stanowski passed away yesterday, January 13, 1994. The visitation will be at Miller Funeral Home, 831 40th Avenue N.E., Columbia Heights from 4:00 p.m. to 8:00 p.m. on Sunday, January 16.

The funeral will be at the Immaculate Conception Church, 4030 N.E. Jackson Street, Columbia Heights on Monday, January 17 at 10:00 a.m. Flowers are being sent by the department.

Announcements

There will be an orientation for the QUAD Recycling Program to be given by Facilities Management on Thursday, January 20, 1994 in 306 Borlaug Hall from 9:30 a.m. to 10:00 a.m. for all faculty and staff in Agronomy and Borlaug Hall. Please try to attend if possible so we all know how the new system will work.

The College of Biological Sciences is again asking for help with programs for undergraduate and high school students. If you are interested in being a mentor, please see Jeanne to get the sign up form. The response due date is January 28, 1994.

We are missing the 1986 bound volume (bright red) of the Agronomy Journal from the departmental library. Please check your office and return this book to the library immediately. We are also missing Brett Bussler's Ph.D. thesis. Please return it to the library. If you are going to take books out of the library, please sign the cards and leave them in the sign out box. Thank you.

The USDA-ARS Administrative Office has relocated to 204 Health Services Building, 1518 N. Cleveland Avenue, St. Paul. All phone numbers remain the same. Their FAX number is 649-5055.

All department folks are invited to stop in at the Grad Club's TGIF social this afternoon in 306 Borlaug Hall at 4:30 p.m.

Did you know that you can now request materials from libraries on the other campus? They are sent to the library of your choice (Plant Pathology, St. Paul, etc) as if by magic. This point-to-point service is being offered on a trial basis, so if you like the convenience, let the library know.

Lisa Gulbranson would like to buy two to four Gopher Men's Basketball tickets for her brother's 14th birthday. Any Saturday night game. Please call Lisa at 5-6223. Thank you.

We have a new departmental vehicle, a 1994 Dodge Caravan, the vehicle number is 2196 and the color is sky blue.

The University of Minnesota will be closed on Monday, January 17 for Martin Luther King Day.

Big Fun

This is your eager, irrepressible little social committee reporting in. Earlier this week we traveled out to Shoreview Community Center, site of the department's Winter Get-Together (to be held February 20). GADZOOKS!!! IT IS A MARVEL! There is a huge pool with a 2-story, 4 twist water slide! And tropical trees! A hot tub/jacuzzi! I am *not* making this up! There is also a mammoth outdoor skating rink—bigger than we'd ever seen—bigger than a football field (way bigger). There's a track, b-ball court, lounge with fireplace, overlooking the skating rink for Sheepshead, Hearts and/or Go Fish. PUT FEBRUARY 20 ON YOUR CALENDAR RIGHT NOW! Put it on the calendars of your spouses, kids, and friends. Watch your mailbox for an information sheet/registration form coming soon. (P.S. We are really not trying to be funny). The center truly does have all the aforementioned attributes and amenities. The day promises to be full of variety and fun, with the proverbial "something for everyone." Meg

Ph.D. Thesis Defense

Molecular genetics of the maize aspartate kinase-homoserine dehydrogenase gene family. Gary Muehlbauer in 306 Borlaug Hall at 9:00 a.m. on Wednesday, January 19.

Photography Information

Since the photolab has closed, Biomedical Graphics (Minneapolis Campus) has opened up a drop-off office located in Room 4 of Biological Sciences Building. Turn around time on developing is not as quick on slide processing, but they do have most of the same services. Please note: they do not have photo supplies (film, etc.). The Storehouse now supplies those items. Judy Slyter has a catalog you can make a copy from. Delivery time from the Storehouse is at least one day (if items are in stock), so make sure that you order film and other supplies before you need them. Proex is still recommended for quick developing of Vericolor SO-279 film, however they do not mount the slides so you will need to order slide mounts from the Storehouse.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Assistant Research Scientist-spatial analysis laboratory, Department of Crop & Soil Sciences, University of Georgia, Griffin, GA.

Assistant Professor-cropping systems, Department of Crop Science, North Carolina State University, Raleigh, NC.

Biochemist-enzymology, Monsanto Agricultural Company, St. Louis, MO.

Postdoctoral Scientist-weed ecology, Department of Plant, Soil, and Environmental Sciences, University of Maine, Orono, ME.

Spring Wheat Breeder and Geneticist, Department of Crop and Soil Sciences, Washington State University, Pullman, WA.

Postdoctoral Research Associate or Research Associate; Graduate Assistantships in Ornamental Horticultural; Graduate Assistantships in Ornamental Plant Biology; Interdepartmental Graduate Assistantship: Horticulture & Plant Pathology, Department of Ornamental Horticulture; Department of Entomology & Plant Pathology, University of Tennessee, Knoxville, TN.

M.S. Graduate Research Assistant-silviculture, Department of Forest Resources, University of Minnesota, Cloquet, MN.

Seminars

January 19 Agronomy Seminar, Jerry Hatfield, Can sustainable agricultural practices impact environmental quality, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

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Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 21, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Thank you

Dear Friends in Agronomy,

Thank you for the beautiful "Peace Lily" you sent in memory of Nicole. It is an appropriate reminder that although we miss her terribly, her struggle is over and she is at peace.

Thank you for all your support this past year. I am so fortunate to work in such a caring community. I count it as one of the many blessings in my life.

Love, Beth Schrieber

Announcements

The Weed Science Discussion Group will meet on Monday, January 24 at 12:00 noon to 1:00 p.m. in 408 Agronomy Building.

The Quad System Orientation will be held on Tuesday, January 25 from 9:30-10:00 a.m. in 306 Borlaug Hall.

The Women in Agricultural Science will meet on Tuesday, January 25 in 491 Borlaug Hall at 12:00 noon. Please bring your lunch and join us.

Applications for the Graduate School's 1994-95 Grant-in-Aid Program are due March 7, 1994. Please see Jeanne for information and application packets.

Planning is underway for the magnificent Agronomy & Plant Genetics Get-Together to be held on Sunday, February 20. Information/registration sheets are in your mailboxes. Please return the forms to Marilyn as soon as is humanly possible!

Congratulations to Steve and Lori Wagner on their new baby boy born on Monday, January 17 at 6:20 p.m. The baby weighed 9 lbs. 8 oz., 21 inches long and they have named him Tyler Steven.

For Sale

A '85 Nissan Sentra, 5-speed cruise control, many new parts, winter starter, good price, 645-4702.

Parking and Garage Door Problems in East End of Crop Services

The area that is winter storage for the three Agronomy vehicles, two Plant Pathology vehicles and two Soil Science vehicles is intended only for these vehicles at all times.

Any private vehicles that are parked in these spaces will be towed to an impound lot by the University of Minnesota police.

Staff from these departments use these vehicles constantly and come back at all hours of the day and on weekends, so these parking spaces must be accessible at all times.

Automatic Door

When the large overhead door malfunctions, just park the vehicle around Crop Services and contact Mike McClellan at 4-5395 ASAP.

If you need to get a vehicle out and can't wait for repairs, you can carefully disengage the automatic apparatus. It has to be done very carefully. We've just had a serious injury when someone was trying to disengage the black bar with the chain on it. The bar is not attached so that once it is released it will fall loose and if you are in the way you will get hurt.

If you need to disengage the bar to manually open the door be sure you use one of the large wooden ladders on wheels for climbing. Pull the small chain with one hand and keep your other hand on the bar so that when it becomes loose it won't hit you in the face.

There will be a list of what to do by the door if a person really needs the door opened.

But I need to stress that this can be dangerous and that nobody should be doing this unless they really need to.

Call me so that I can get it repaired by Facilities Management ASAP.

Mike McClellan

Scholarship

National Security Education Program is providing scholarships for study abroad. Applications deadlines are February 1 for undergraduates and February 14 for graduate students. Completed applications must be received at International Study and Travel Center, 102 Nicholson Hall, Minneapolis Campus.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Agricultural Management & Water Quality Educator, Agricultural Agent, Cooperative Extension, University of Wisconsin-Extension, Madison, WI.

Seminars

- January 24 Plant Breeding, Robert Quene, Strategies in banana breeding, 3:30 p.m., 306 Borlaug Hall.
- January 26 Decision Case, Jerry Pitzl (PEW Fellow at Harvard University), Confessions of a beginning case teacher, 1:00-2:00 p.m., 306 Borlaug Hall.
- Agronomy, Scott Reuss, Nematode populations under sustainable agricultural systems, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

2/11/94
2:00 PM

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 28, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Thank you

Dear Agronomy Faculty, Students and Staff,

Thank you all for the beautiful flowers sent for my Dad, and for all the lovely cards and words of sympathy this past week. I appreciate your kindness at this time.

Jeanne

Announcements

Dr. Wilson H. Foote, Ph.D., 1948, who completed his graduate work in our department, died of colon cancer on December 15, 1993. Wilson joined the Department of Agronomy at Oregon State University after finishing his Ph.D., and remained in the department until he joined the Agricultural Experiment Station. He retired in 1985 as the Associate Director of the Experiment Station. Wilson was 73 years of age.

Abdul Kamanzi and his family send their greetings to everyone in the department.

Congratulations to Pete and Peggy Dotray on their new baby boy born on Sunday, January 23. Peter Joseph weighed 7 lbs. 13 oz. and was 21" long.

Sign up in 411 Borlaug Hall if you would like to order a replacement filler for your Franklin Planner ... Classic Size, April 1994 - March 1995.

The 1994-95 Minneapolis White and Yellow Pages will be delivered on Wednesday, February 2 to 411 Borlaug Hall. One new Minneapolis phone book will be left for every old Minneapolis phone book left for recycling.

USDA-CSRS

Solicitation of Grant Applications for the Rangeland Research Grants Program. Due date is February 28, 1994. See Jeanne for details.

Growth Chambers

One week from today, February 4, the area in the Growth Chamber potting room on the right side as you walk in, will be cleaned. Meaning that all pots and materials will be thrown out. This is the shelf, table and floor area that I am referring to. Anybody who has materials in this area should remove them to another location if they are no longer needed for growth chamber work. If they are needed in this area, then label who they belong to and the current date. After this cleanup any mess in this area will no longer be tolerated. I already have a list of people and projects that have not done a very good job of cleaning up after themselves. If this continues, they will be contacted on an individual basis to correct the situation. If you have any questions, please call Mike McClellan at 4-5395.

Greenhouses

Next week I will be going on a greenhouse inspection. Everything should be out of the greenhouses and all of the garbage under the benches should have been thrown away. All project leaders have gotten a list of things they needed to have cleaned up. If these things have not been done, your project will be assessed a \$250 fine. The only exceptions to this will be those people that have talked to me about storage problems which we are currently working out. Any questions or problems, please call Pamela Altermatt at 5-3153.

Conference

Sustainable Agriculture Conference: The Quiet Revolution will be held February 14-15 at the Earle Brown Center. The conference is free for University faculty and staff. Registration forms are available at the MISA desk - see Sara Hartman.

Recycling Program

The University of Minnesota Recycling Program has received a grant from the Minnesota Office of Waste Management to test and develop a reuse program for surplus items. These items are free to departments. Items that are available include: desks, chairs, tables, cabinets, shelving, electronics, office supplies, parts for office and laboratory equipment and other miscellaneous material. A current list of materials can be viewed through the Gopher network. To view a current list of materials select the following path on Gopher: University of Minnesota Campus Information, Department and College Information, Facilities Management, Reuse Program. Items can be viewed at the Como Recycling Facility located at 3009 Como Avenue between 8:00 a.m. to 11:00 a.m. and 11:30 a.m. to 2:30 p.m., Monday through Friday. All of the items are free, but you must provide your own transportation. If you have questions, please call Dana Donatucci at 4-8507.

Position Announcements

(Posted in notebook in 411 Borlang Hall)

Cooperative Extension Area Faculty—agriculture systems, Cooperative Extension, Washington State University, Puyallup, WA.

Assistant Professor-forage crops specialist, Plant Science Department, McGill University, Quebec, Canada.

Seminars

- January 31 Plant Molecular Genetics, Alan Smith, Pollen and fruit development in tomato, 12:00 noon, 306 Borlaug Hall.
- Plant Breeding, Baoshan Shan, Measurement of relativeness/diversity, 3:30 p.m., 306 Borlaug Hall.
- February 2 Agronomy, Ray Allmaras, Tillage and residue management systems: are the trends sustainable, 3:30 p.m., 306 Borlaug Hall.
- February 9 Decision Case, Student Perspectives on Case Education, Undergraduate and Graduate Student Panel Discussion, 1:00-2:00 p.m., 306 Borlaug Hall.
- February 10 Minnesota Institute for Sustainable Agriculture, Roger Blobaum, Sustainable agriculture commitments at the environmental summit: prospects for global implementation, 3:30 p.m., 306 Borlaug Hall.

Useless Statistics - Percentage of American automobile owners who keep gloves in their glove compartments: 0. Portion of all automobiles that Campbell Soup Co. says will have a microwave oven in the year 2000: 1 in 4.

Agronomy Gleanings ^{2/11/94} ^{Ag 86a}

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

February 4, 1994

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Announcements

Congratulations to Kingsley and Susie Ayisi on their new baby boy born on Wednesday, February 2. David Abeku weighed 7 lbs. 5 oz. and was 19" long. He was delivered by c-section but both mother and baby are doing well.

The Weed Science Discussion Group will meet on Monday, February 7 from 12:00 noon to 1:00 p.m. in 408 Agronomy Building.

Faculty and students are invited to participate in an informal round table discussion with Roger Blobaum, a long-time associate of the Michael Fields Agricultural Institute in East Troy, WI, and a Washington, DC based consultant to sustainable agriculture organizations. The discussion will be held at 2:00 p.m. on Thursday, February 10 in 408 Agronomy Building. Tentative discussions focus is national sustainable agriculture policy as it relates to this region of the U.S. See Sara Hartman at the MISA office for more information (5-8235).

Sign up in 411 Borlaug Hall if you would like to order a replacement filler for your Franklin Planner...Classic Size, April 1994 - March 1995.

You can beat Morrill Hall, is the slogan for the 1994 energy savings competition sponsored by UBEEP. The occupants of 12 Twin City campus buildings will be honored if they can out-save the occupants of Morrill Hall. The competition will be held from February 7-25. The occupants of Borlaug Hall are required to participate. The contest is designed to demonstrate the energy savings from switching off unnecessary electrical items like lights, computers, empty classrooms and rest rooms. Use sunlight instead of electric lighting whenever appropriate.

There are plenty of Minneapolis phone books outside of 411 Borlaug Hall for anyone who missed Wednesday's delivery. Please recycle your old phone books.

Field Space

Any project or personnel that needs field space on the St. Paul Campus for this summer, or any changes that need to be looked at in the current field assignments, please contact me by leaving a note in my mailbox or by e-mail (mccl004@maroon.tc.umn.edu) by March 15. I also need any special fertilizer requests for the formulations and how much is needed. Please let me know as soon as possible so that it can be ordered in time for spring planting.

Mike McClellan

Women in Agricultural Science

Our next meeting is on Tuesday, February 8 at 12:00 noon in 491 Borlaug Hall. We will be discussing an article on reserve in the Plant Pathology Library titled "Conflicts and Tensions in the Feminist Study of Gender and Science" by Longino and Hammonds. Everyone is welcome.

Hang in There

Relief from the gloomy and grey February weather is insight. The Agronomy & Plant Genetics Winter Get-Together is only weeks away (February 20). Sign up with Marilyn Hole in 408 Borlaug soon!!!! Extra information brochures and registration sheets are on the counter in 411 Borlaug Hall if you need them.

Graduate Students

There will be a Graduate Student meeting on Friday, February 11 at 3:30 p.m. in 306 Borlaug Hall. Refreshments will be provided.

Scudder House is looking for a new resident. Please refer interested parties to Jonathan Shaver at 625-9258 or 647-1934.

For Sale

1988 Nissan Sentra, 69,000 miles, sunroof, stereo, 2-door hard top, extended warranty, \$3,500 or best offer. Call Robert Jones at 5-1267.

Useless Statistics - Percentage of Africa that is wilderness: 28. Percentage of North America that is wilderness: 38.

Users of the Autoclave Room 290 Borlaug Hall

The autoclave room in 290 Borlaug Hall is shared by staff, students and faculty from several departments. It has been a source of uncleaned agar spills, soil, broken glass and nonautoclaved and autoclaved biohazard filled bags, and material is being left for extended periods of time in hopes that others will cleanup our mess. To keep our facility clean and functioning properly the following guidelines have been developed to minimize operational problems.

1. Sign in on the sign up sheet.
2. Follow operational procedures.
3. Remove material from autoclave promptly.
4. Cleanup all spills promptly.
5. Follow procedures for autoclaving petri plates.
6. Storage of autoclavable material is forbidden in this room.
7. Call Dann Adair (5-3779) or Facilities Management (4-2288) for repairs.

The majority of service calls involve plugged drains due to user spills inside of the autoclave. If this continues, individual users will be assessed the cost of service calls. The users are ultimately responsible for keeping this room clean. Our desire is to have a fully functioning autoclave room available to Plant Pathology Department and its neighbors. This can only occur if all users are responsible for this common facility. Your help is much appreciated.

Pesticide Storage Building

Sometime in March, the Pesticide Storage Building will be ready for occupancy. There will be future updates as far as the date and tour information. Before this happens, all projects must check their pesticide inventory. All pesticides that are older than 1991 must be boxed up and have written manifests from Hazardous Waste. These pesticides must also be picked up by Hazardous Waste Disposal. These pesticides will not be allowed in the new facility. The pesticides that you have that are 1991 or newer need to be inventoried before the move. Any questions or problems regarding the use of the new Pesticide Storage Facility, or disposal of unwanted pesticides, please call Mike McClellan at 4-5395.

1994-95 Holiday Schedule

Major Holidays

Independence Day	July 4, 1994
Labor Day	September 5, 1994
Thanksgiving Day	November 24, 1994
Christmas Day (Observed)	December 26, 1994
New Years' Day (Observed)	January 2, 1995
Martin Luther King Day	January 16, 1995
Memorial Day	May 29, 1995

Floating Holidays

November 25, 1994
December 23, 1994
March 24, 1995

An eleventh holiday can be taken as a personal holiday.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Provost, College of Agriculture, University of Idaho, Moscow, ID.

Director, Agricultural Experiment Station, North Dakota State University, Fargo, ND.

Postdoctoral Fellow-soil science, Department of Agronomy, Colorado State University, Fort Collins, CO.

Seminars

February 7 Plant Breeding, Steve Briggs (Pioneer Hi-Bred), Microevolution and the origins of plant disease, 3:30 p.m., 306 Borlaug Hall.

February 9 Agronomy, Burr Fontaine, Agronomics of rotational grazing, 3:30 p.m., 306 Borlaug Hall.

Decision Case, Student Perspectives on Case Education, Undergraduate and Graduate Student Panel Discussion, 1:00-2:00 p.m., 306 Borlaug Hall.

February 10 Minnesota Institute for Sustainable Agriculture, Roger Blobaum, Sustainable agriculture commitments at the environmental summit: prospects for global implementation, 3:30 p.m., 306 Borlaug Hall.

February 11 Special Plant Breeding Seminar, Zahir Eyal (Tel Aviv University), Transgenic wheat and its incorporation in breeding schemes, 10:00 a.m., 306 Borlaug Hall.

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NUW
2/11/94

Department of Agronomy and Plant Genetics
University of Minnesota

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February 11, 1994

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Announcements

Three candidates for the Waseca Agronomist/Weed Management position have been scheduled for interviews. The candidates and the dates for interviews are: Dr. Frank Young, February 22 and 23, Dr. Mark Van Gessel, March 1 and 2 and Mr. Gregg Johnson, March 8 and 9. The first day of each interview will be at St. Paul and the second day at Waseca. Details of the schedules including rooms for the seminar and title of the seminar will follow shortly. Files of the candidates are available in the Agronomy office.

The Weed Science Discussion Group will meet on Monday, February 14 from 12:00 noon to 1:00 p.m. in 408 Agronomy Building.

The St. Paul Campus Post Office would like to thank everyone who helped support their department over the holidays. Their sales for the month of December jumped 25%.

The College of Biological Sciences has a Gopher Server, listing all of the seminars given in CBS and other departments (Forestry, Agronomy, Horticulture, etc. when submitted). From the U of M main gopher menu, click successively on "U of M campus info.", "Dept. and College Info.", "Biol. Sci. College", "CBS" and finally "Seminars". Once there, you can set it up as a "Bookmark" in Minuet for easy access. There is also an extensive jobs listing on the CBS Gopher main menu.

Video Conference

A satellite video conference, "Journey to Personal Power," will be linked to all University campuses on February 24 from 12:30 p.m. to 4:30 p.m.. "Journey to Personal Power" is intended for anyone interested in leadership and empowerment, but is especially tailored for support staff. The event is sponsored by the Minnesota Extension Service, Civil Service Committee. Participants should register in advance by calling Judy Sunvold at 625-3775.

Siehl Prize

U of M recognizes three laureates of Siehl Agriculture Prize. Aldrich Bloomquist, Bert Enestvedt and William Larson are the first recipients of the University of Minnesota's newly established Siehl Prize for Excellence in Agriculture. Each will receive \$50,000 in recognition of their extraordinary contributions to agriculture. Bloomquist, a consultant for the American Crystal Sugar Co. of Moorhead, played a role in forming America's first sugar beet cooperative, which virtually saved the sugar beet industry in the Red River Valley. Enestvedt, a farmer from Sacred Heart, specializes in certified seed production and production programs through a variety of statewide organizations. Larson, a University of Minnesota, Soil Science professor emeritus from Shoreview, is internationally known for his numerous contributions to soil science and farm management practices, including the reduction of soil erosion through conservation tillage techniques.

The three will receive their awards during a "Salute to Agriculture" ceremony March 17 at the Radisson Hotel Metrodome in Minneapolis. The Siehl Prize, established by the University's Institute of Agriculture, Forestry and Home Economics, is among the world's most significant awards for agriculture because of the amount of the cash awards and the criteria for selection. To be eligible, individuals must reside or have resided in Minnesota for at least five years or hold a degree from the University of Minnesota. Individuals are chosen from three categories: production agriculture, agribusiness and agriculture-related academics. The Siehl Prize, awarded every two years, fulfills the wishes of Eldon Siehl, a Minnesota businessman, farmer, and philanthropist who wanted a portion of his estate to go to the University of Minnesota Foundation to establish a prize recognizing excellence in agriculture.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Postdoctoral Hydrologist, West Africa Rice Development Association, Ivory Coast, West Africa.

Soil Testing Laboratory Manager, Department of Agronomy, University of Missouri-Columbia, Columbia, MO.

Research Assistant-canola breeding, Department of Agronomy, Kansas State University, Manhattan, KS.

Assistant Professor-weed science, Department of Crop and Soil Science, Oregon State University, Corvallis, OR.

Barley Research and Development (Student Intern), Coors Brewing Company, Burley, ID.

Undergraduate Research Assistants-plant molecular biology, Plant Science Center, Cornell University, Ithaca, NY.

Ph.D. Fellowships-water science, Department of Biological Systems Engineering, University of Nebraska-Lincoln, Lincoln, NE.

Research Station Manager/Plant Breeder-corn breeding, Technology Development and Support, Ciba Seeds, Greensboro, NC.

Assistant Professor-plant science, Division of Agriculture, West Texas A&M University, Canyon, TX.

Graduate Students/Postdoctoral Associates needed to serve as coordinators for noon-hour seminar series for undergraduate research students, College of Biological Sciences, University of Minnesota, St. Paul, MN.

Postdoctoral Research-soils, Carrington Research Extension Center, North Dakota State University, Carrington, ND.

Seminars

February 14 **Plant Molecular Genetics**, Sudam Pathirana, Structure and expression of PEP carboxylase genes in alfalfa and *Lotus*, 12:00 noon, 306 Borlaug Hall.

Plant Breeding, Greg Gingera, Blueberry breeding, 3:30 p.m., 306 Borlaug Hall.

February 16 **Agronomy**, Dale Hicks and Neal Martin, Leadership in European agriculture, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

February 18, 1994

Miss
L. Johnson

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Don't miss out on the fun!!! Come to the Agronomy & Plant Genetics Winter Get-Together on Sunday, February 20. You can come on Sunday and register at the door. See you there.
Social Committee

There will be a faculty meeting on Monday, February 21 at 1:00 p.m. in 306 Borlaug Hall.

The Weed Science Discussion Group will meet on Monday, February 21 from 12:00 noon to 1:00 p.m. in 408 Agronomy Building.

The Gopher Crops and Soils Club invites everyone in the department to an international potluck dinner on Wednesday, February 23 at 5:30 p.m. in 306 Borlaug Hall. Meg Moynihan will show slides from her Peace Corps experience in Thailand and Padma Commuri will show a video segment of her traditional Hindu wedding. Plan to attend. Bring a dish from your own nationality to share. Please sign up with Lynne in 302 Agronomy Building.

There will be a farewell coffee on Thursday, February 24 at 3:00 p.m. in 408 Agronomy Building for Gary Muehlbauer.

It is once again time for the annual Soup Lunch Charity. Delicious soups made by graduate students will be served on Thursday, March 3 in 306 Borlaug Hall from 11:45 a.m. to 1:30 p.m. Cost is a \$3.00 donation which will be donated to the St. Paul Food Bank to help families less fortunate than us. Mark your calendars and plan to attend.

The steam service in the Agronomy Building (364) will be shut off on Monday, February 21 from 8:00 a.m. to 4:00 p.m. The outage will affect distillers, sterilizers, and autoclaves. Please notify Facilities Management at 4-5303 of any problems which would prevent the interruption from proceeding on schedule.

The first week of the UBEEP 1994 energy savings are in.

	Savings Ratio	Annual Savings
1. Electrical Engineering/ Computer Science	44.3%	\$66,316
2. Food Science & Nutrition	44.0%	11,262
3. Health Sciences Unit F	40.8%	19,979
4. Koltoff Hall	35.5%	24,116
5. Civil Engineering	33.0%	12,862
6. Coffey Hall	28.8%	6,776
7. Tate Physics	27.1%	9,160
8. Alderman Hall	23.1%	7,784
9. Folwell Hall	22.7%	2,940
10. Appleby Hall	22.5%	2,877
11. Borlaug Hall	22.2%	15,040
12. Morrill Hall	7.3%	674
13. Law School	1.8%	779

The contest runs until February 25. Please switch off unnecessary electrical items when not in use.

Plant Molecular Genetics Institute will present "Cloning Plant Genes Known Only by Phenotype" on May 15-17, 1994. Eleven confirmed speakers will present topics on transposon and Ti tagging, map-based cloning, chromosome subtraction, cre-lox system, restriction enzyme mediated insertion, and cloning for gene product. For more information, contact Nevin Young at 5-2225.

Two small computer books were found in the blue departmental van, "Comit" and "Notebook Computer." These books will be on the front desk in 411 Borlaug Hall if they are yours.

WOMEN IN AGRICULTURAL SCIENCE

The next meeting will be on Tuesday, February 22 at 12:00 noon in 491 Borlaug Hall. Please bring any materials you put together for the presentation on women in science.

Parent-Student Recognition

The Department of Agronomy & Plant Genetics will hold their 22nd annual parent-student recognition program for undergraduate students in the department on Tuesday, March 1, starting at 4:00 p.m. in 306 Borlaug Hall with a seminar by Ervin Oelke on alfalfa gas (an alternative fuel). The awards presentation will follow with a reception afterward. There will not be a banquet this year. This is an excellent opportunity to interact with students, parents, and friends of the department. Please mark your calendars, RSVP with Lynne in 302 Agronomy Building, and plan to attend.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Communications Coordinator-LSP's publication, Land Stewardship Project, Marine on St. Croix, MN.

Extension Support Scientist-onion and potato crop management, Department of Plant, Soil and Entomological Sciences, University of Idaho, Moscow, ID.

Assistant/Associate Professor-low-input landscape ecosystems, Nursery Crops Search Committee, Department of Plant and Soil Sciences, Amherst, MA.

Molecular Biological Laboratory Technician-eastern white pine, Forestry Sciences Laboratory, Rhinelander, WI.

Postdoctoral Research-soils, Carrington Research Extension Center, North Dakota State University, Carrington, ND.

Faculty Program Director-CEB, Continuing Education and Extension, University of Minnesota, Minneapolis, MN.

Assistant Director-4H, Center for 4-H Youth Development, College of Education, University of Minnesota, St. Paul, MN.

Assistant Professor-biology, Department of Biology, Moorhead State University, Moorhead, MN.

Assistant Professor-weed science, Department of Crop and Soil Science, Oregon State University, Corvallis, OR.

Assistant County Agent, Alabama Cooperative Extension Service, Auburn University, AL.

Plant Breeding Research Assistantship-molecular and applied plant breeding, Department of Crop and Soil Sciences, Washington State University, Pullman, WA.

County Director-cooperative extension, Division of Agriculture and Natural Resources, University of California, Davis, CA.

Seminars

February 21 Plant Breeding, David DeKoeper, DNA fingerprinting in genetic identification and analyses, 3:30 p.m., 306 Borlaug Hall.

February 22 Candidate for Waseca Agronomist/Weed Management Position, Frank Young, IPM Systems Research, 9:00 a.m., 306 Borlaug Hall.

February 23 Decision Case, Ann Hill Duin, Decision cases for writing across the curriculum, 1:00 p.m., 306 Borlaug Hall.

Agronomy, Denise Taack, Companion cropping: A new look at an old practice for sustainable agriculture, 3:30 p.m., 306 Borlaug Hall.

Useless Statistic: Average number of months in the course of a lifetime that an American spends waiting for red lights to change: 6.

Quote: The reason why worry kills more people than work is that more people worry than work.
—Robert Frost, 1874-1963, American poet.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
February 25, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

A 2% across-the-board salary adjustment is reflected on the February 28, 1994 paychecks retroactive to January 1, 1994 for eligible Civil Service employees. Employees must have been on the payroll as of November 1, 1992 to receive the increase. Also, employees who have been promoted or reclassified between November 1, 1992 and December 31, 1993 were not eligible for the 2%. AFSCME employees receive their increases on their anniversary dates as in the past. If you have any questions regarding the above, please see Jeanne Davy.

The Weed Science Discussion Group will meet on Monday, February 28 at 12:00 noon in 408 Agronomy Building.

An electronic newsletter from the CGIAR system (CIMMYT, CIAT, IRRI, etc.), is now available by request to "cgiarnews@worldbank.org." The February 94 issue addresses: patents and biodiversity issues related to the CGIAR germplasm collections; plant genetic resources; advances at the centers in disease resistance breeding and IPM techniques; World Bank conference on hunger alleviation; current financial constraints of the CGIAR system (from alt.sustainable.agriculture Newsgroup, 17 February).

A Barney beach towel was left behind following the Agronomy Winter Get-Together at the Shoreview Community Center. If it belongs to you or someone in your family, you can claim it in 411 Borlaug Hall.

The 1994 Small Grains Institute will hold their International Expo on March 2-3 at the Red River Valley Shows Building in Crookston, MN. Exhibits open at 8:30 a.m. and go until 5:00 p.m. There will be 100 exhibits dealing with small grains equipment, products, and services. Free admission and parking.

Six 30-gallon aluminum trash cans are missing from the attic of the Seedhouse in 30 Crops Research. If you have them, please return as soon as possible. Call Jayanti at 5-1208/5-4770 if you have any questions. Thank you.

The 1994 Lab Fest will be held on Wednesday, April 20 from 10:00 a.m. to 4:00 p.m. at the Radisson Hotel Metrodome on Washington Avenue SE, Minneapolis.

The electric service will be interrupted in Borlaug Hall on Tuesday, March 1 from 2:30 a.m. to 3:30 a.m. Please notify Facilities Management at 4-5303 of any problems which would prevent the interruption from proceeding on schedule.

Soup Lunch Charity

It is time for the annual Soup Lunch Charity. Delicious soups made by graduate students will be served on Thursday, March 3 in 306 Borlaug Hall from 11:45 a.m. to 1:30 p.m. Cost is a \$3.00 donation which will be donated to the St. Paul Food Bank to help families less fortunate. Mark your calendars and plan to attend. Everyone is invited.

Hey You!

The Grad Club social committee invites all students, staff, faculty and pets to another hair-raising TGIF party. This one is Friday, March 4 at 4:30 p.m. in 306 Borlaug Hall. We will have beer, soda and snacks for your sipping and munching pleasure. It's always a good time with those grad students!!! (Oh, yes, we will be collecting donations of the monetary variety. But don't let that stop you, faculty!)

Research Grant Solicitations

Department of Agriculture, CSRS, Aquaculture Research. Deadline: April 18, 1994.

International Foundation for Ethical Research. Pre-Proposals are due August 1, 1994.

EPA - 1994 Exploratory Research Grants. Deadline: June 1, 1994

See Jeanne for detailed information.



Kermit A. Olson Memorial Lecture
The Department of Horticultural Science will present the Kermit A. Olson Memorial Lecture "What did the Dinosaurs Eat?" Evolution of early land plants. It will be presented by Dr. Patricia Gensel on March 1 at 3:30 p.m. in 110 Green Hall. A reception will follow the lecture.

Guy Stanton Ford Memorial Lecture
Dr. Richard Dawkins will present the Guy Stanton Ford Memorial Lecture on Tuesday, April 19 at 12:15 p.m. in the North Star Ballroom, St. Paul Campus. His lecture will be entitled "God's Utility Function." It is free and open to the public.

Philip C. Hamm Memorial Lecture
Dr. Margaret E. McCully will present the Philip C. Hamm Memorial Lecture on Thursday, April 28, "The Scenery Beneath the Greenery: Roots and Rhizosphere." A reception will be held at 3:30 p.m. in the McNeal Hall Lobby; the lecture will start at 4:00 p.m. in 33 McNeal Hall.

Agriculture Week begins March 14. National Agriculture Day is March 20.

1994 Calendar of Events Southwest Experiment Station, Lamberton

- March 29 Horticulture Day
- June 22 SW Experiment Station's Summer Field Day
- July 6 and 7 Crop Production Training School
- July 21 Hail Field Day
- September 14 SW Experiment Station's Fall Field Day

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Assistant/Associate Professor-extension, Department of Agronomy, Kansas State University, Manhattan, KS.

Assistant Professor-forage crops, Plant Science Department, Macdonald Campus of McGill University, Quebec, Canada.

Assistant Professor-soil management, Department of Agronomy, University of Kentucky, Lexington, KY.

Agriculture Agent-vegetable production, Cooperative Extension, University of Wisconsin, Madison, WI.

Extension Specialist-4-H, Extension Service, Oregon State University, Corvallis, OR.

Director, Division of Animal and Veterinary Sciences-dairy/livestock, College of Agriculture and Forestry, West Virginia University, Morgantown, WV.

Assistant/Associate Professor-cereal chemistry, Plant, Soil and Environmental Sciences Department, Montana State University, Bozeman, MT.

Assistant Professor-botany, Department of Botany, Weber State University, Ogden, UT.

Laboratory Technician-plant science, South Dakota State University, Brookings, SD.

Seminars

February 28 Plant Breeding, Flavio Capettini, Breeding to improve oil quality, 3:30 p.m., 306 Borlaug Hall.

March 1 Candidate for Waseca Agronomist/Weed Management Position, Mark VanGessel, 9:45 a.m., 306 Borlaug Hall.

March 2 Agronomy, Meg Moynihan, Narrow strip intercropping: A new pattern for the Midwest?, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

MW
2 Ag 86a

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 4, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Things are going well for us here in Brisbane, Australia. Climate is hot and wet. The family has adjusted to the move very well. My lab situation is perfect and the kids are enjoying their new school. Best wishes to everyone in the department.
Dave Somers

Anyone having keys with the numbers A078 and A079 please note ... these keys no longer access rooms 227, 229, and 233 of Borlaug Hall. Please turn in A078 and A079 keys to Marilyn for discarding and the return of your key deposit.

The Weed Science Discussion Group will meet on Monday, March 7 at 12:00 noon in 408 Agronomy Building.

Starting in mid-March, custodians will be wearing khaki-colored uniform shirts to give them a professional look and make them identifiable as custodians. In addition, all operation employees will be wearing photo ID badges.

The next faculty meeting will be held on Monday, March 14 at 1:00 p.m. in 306 Borlaug Hall.

Dr. Charles F. Louis has been appointed to be the new Assistant Vice President for Research and Associate Dean of Graduate School. His primary responsibility is overseeing the direction, management, and review of several research centers and institutes that report to the Vice President for Research.

Please contact Mike McClellan as soon as possible for any special fertilizer mixtures that you will need so that the order can be placed soon.

Anyone that needs to take the Pesticide Applicators Test at the State Department of Agriculture, please contact Mike McClellan as soon as possible so that a time and transportation can be arranged. Either e-mail a message to him (mccl004@maroon.tc.umn.edu) or call (624-5395).

Fulbright Scholarships

Next year, 1,000 U.S. faculty and professionals will travel to more than 135 countries around the world to lecture and conduct research. You are invited to become one of them. You are eligible to apply if you:

- Have U.S. citizenship (permanent residency is not sufficient);
- Hold the Ph.D., appropriate terminal degree in your field, or equivalent professional status and recognized standing; and
- For lecturing assignments, have suitable college or university teaching experience.

Application deadline is August 1. See Jeanne Davy if you want more information.

Women in Agricultural Science

The next meeting will be on Tuesday, March 8 at 12:00 noon in 491 Borlaug Hall. Topics for discussion will be the recent seminars on feminist science and ecofeminism. Please join us for lunch and discussion. Everyone is welcome.

Graduate Seminar

Spring Quarter 1994

Evolutionary Ecology and Genetics of Natural Plant Populations

Instructor: Ruth Shaw

EEB 8390 (Section 3)

Call #576590

2 Credits

This seminar will consider processes of plant populations, with special attention to genetic and evolutionary aspects. Possible topics include demography and life histories, interactions between plants and their associates, and mating systems, but others will be considered.

Prerequisites:

EEB 5033 or EEB 5064 or consent. An organizational meeting will be held on Wednesday, March 30 at 12:00 noon in Ecology 505.

Sip and Chat

Everyone is invited to a TGIF party on Friday, March 4 at 4:30 p.m. in 306 Borlaug Hall. Stop in on your way home. Live a little!

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Director, National Agricultural Library, USDA, ARS, National Services Branch, Greenbelt, MD.
Assistant Professor-extension soils specialist, Department of Plants, Soils, and Biometeorology, Utah State University, Logan, UT.

Interim Assistant Director -- Student of Color Recruitment, Office of Admissions, University of Minnesota, Minneapolis, MN.

Graduate Research Assistantship-winter wheat breeding and genetics, Plant Science Department, South Dakota State University, Brookings, SD.

Molecular Biological Laboratory Technician-eastern white pine, Forestry Sciences Laboratory, USDA, Rhinelander, WI.

Seminars

March 7 Plant Molecular Genetics Seminar, Nevin Young, Genome conservation in legumes based on DNA markers, 12:00 noon, 306 Borlaug Hall.

Plant Breeding, Philip Schwab, Ecological combining ability and the genetics of plant competition, 3:30 p.m., 306 Borlaug Hall.

March 8 Candidate for Waseca Agronomist/Weed Management Position, Gregg Johnson, Characterizing weed populations: Numerical and spatial approaches, 10:00 a.m., 306 Borlaug Hall.

March 9 Decision Case, Craig Hassel, Critical thinking in decision case education, 1:00 p.m., 306 Borlaug Hall.

Agronomy, Klaus Puetzman, Department of Forest Resources; Scott Josiah, Department of Forest Resources; and Les Everett, Department of Agronomy, Agroforestry of North America - application and potential, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 11, 1994

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Announcements

The Grad Club Soup Lunch Committee would like to thank all who attended the Soup Lunch Charity last Thursday. We served just shy of 100 people and made \$268 for the St. Paul Food Bank. This money will allow them to buy over \$5000 worth of food. Thanks especially to Cafe Latte' on Grand Ave. and Victoria for the wonderful bread they donated and also to the graduate students who donated 21 soups and casseroles to feed the crowd. No one went away hungry.

Here is Dr. Jin's new address:

Dr. Il-Doo Jin
Sunchon National University
Dept. of Agricultural Biology
Maegog-Dong 315
Sunchon 540-742
South KOREA

TEL: 661-50-3381
FAX: 661-50-3118

You can save energy with the department copier by pressing the "standby" button before and after your copying job. (This can only be turned on and off once you are logged onto the copier.)

Faculty: Thursday, April 14 is the deadline for submission of A96 Course Change documents (to change, add or delete a course for winter quarter 1995 please check with Lynne in 302 Agronomy.

Biomedical Graphics (Rm 4 Bio. Sci.) is now supplying a limited selection of films as a convenience to customers. Some of the films they now supply include vericolor 50-279, Ektachrome Tungsten 160, Kodak Elite Daylight Slide film, as well as color and B + W print films. You can still order these films as well as others from the storehouse. The turn around time on film developing by Biomedical Graphics has improved so you may want to have them develop your film. Call them at 4-1213 if you have any questions.

Please make a note in your records the Weed Science Society of America (WSSA) has a new address and telephone number:

Weed Science Society of America
1508 W. University Avenue
Champaign, IL 61821-3133
Telephone #: 217-352-4212

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Assistant Professor of Crop Science, Department of Soil, Crop and Atmospheric Sciences, Cornell University, Ithaca, NY.

Extension Weed Specialist/Assistant Professor, Dept. of Crop & Soil Sciences, Washington State University, Pullman, WA.

Visiting Research Specialist in Agriculture, Department of Agronomy, University of Illinois at Urbana-Champaign, Urbana, IL.

BS/MS Scientist, DEKALB Plant Genetics, Mystic, CT.

Superintendent for the Ag/Hort Tours at the State Fair, College of Agronomy, University of Minnesota, St. Paul, MN.

Agronomist, North Central Research Extension Center, North Dakota State University, Minot, ND.

Graduate Research Assistant, Minnesota Center for Survey Research (MCSR), University of Minnesota, Minneapolis, MN.

Seminars

March 14 Plant Molecular Genetics Seminar, Carroll Vance, Biochemical and Molecular Dissection of Nitrogen Assimilation in Alfalfa, 12:00 noon, 306 Borlaug Hall.

Weed Science Discussion Group, Jim Ladlie, Past, present, and future of ag consultants in weed science.

Special Seminar, Rita Pasini, Component Traits in Common Bean for Improved Nitrogen Fixation: Germplasm Screening, and Early-Generation Selection, 10:00 a.m., 394 Alderman Hall.

March 21 Minnesota Institute for Sustainable Agriculture & Dept. of Ag. & Applied Economics, Dr. John Ikerd, Sustainable Agriculture and Quality of Life, 3:30 p.m., 119 Classroom Office Bldg.

March 22 Minnesota Institute for Sustainable Agriculture & Dept. of Ag. & Applied Economics, Dr. John Ikerd, Systems Research in Sustainable Ag: Economics, Ecology and Quality of Life, 8:30 a.m., 335 Borlaug Hall.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 18, 1994

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Announcements

Congratulations to Gilberto Sosa who passed his Ph.D. oral exam and to Kendell Hellewell who passed his M.S. final exam.

Great Plains Grasslands Eighteenth Annual Interdisciplinary Symposium will be held April 7-9 in Lincoln, Nebraska. Features internationally-known speakers representing agronomy, anthropology, art, biology, economics, entomology, geography, history, plant pathology, poetry, wildlife, etc. Registration fee is \$50.00. See Jeanne for further information.

The Weed Science Discussion Group will meet on Monday, March 21 at 12:00 noon in 408 Agronomy Building.

Reminder to all Civil Service Staff to sign up for the stress management workshop to be held on Tuesday, March 29 from 1:00-3:00 p.m. Box lunches will be ordered from Nelson's Cheese Shop. The workshop is limited to 30 people, but another workshop can be scheduled if there is enough interest. Lunch will be at 12:00 noon. Please stop by 411 Borlaug Hall and sign up for the workshop and your sandwich.

Faculty -- if you have any graduate school application forms, throw them away and get new ones from Lynne.

I am in the market for a copy of Plant Physiology by Taiz and Zeiger (1991). If you would like to sell yours, please call me at 5-1784.

Meg Moynihan

Friday, March 25 is a University holiday. All University offices will be closed. The St. Paul Student Center will be open.

Building Naming/Hayes Memorial Lecture

Please reserve the afternoon of May 24 for a Special Event. The naming of Agronomy as Hayes Hall and the H.K. Hayes event will be combined. The plan is to present the Hayes Graduate Student Award to Sandra Milach at 2:00 p.m., hear T.T. Chang present the Hayes Memorial Lecture at 3:00 p.m., and enjoy a special panel reflect on the Building Naming at 4:00 p.m. We hope the entire department plus many special guests will attend. So, please mark your calendars for May 24. Details will follow.

Outstanding Achievement Award

Oscar Miller will receive the University of Minnesota Outstanding Achievement Award and present the commencement address at the Spring Graduate School Commencement. He was a student of Dr. Burnham's and was the first person to actually see a gene producing its product. He is Professor, Department of Biology, University of Virginia at Charlottesville, VA, former head of the department, member of the National Academy of Sciences, etc.

We will have a special departmental reception for Dr. Miller at 2:30 p.m., May 12, in 305 Borlaug Hall, followed by a seminar in 335 Borlaug Hall. Please mark your calendars! We encourage staff, undergraduate and graduate students, post-doctorals, and faculty to attend. If you wish to hear Dr. Miller's commencement address, the event is in Northrup Auditorium at 1:00 p.m., Friday, May 13.

MW
2/28/94

**Gopher Crops and Soils Officers for
1994-1995**

President: Penny Avoles
Vice-President: Vance Johnson
Treasurer: Stephanie Stadheim
Recording Secretary: Susan Norwood
Corresponding Secretary: Paul Anez
Assistant Crops Kit Chair: Jeanette Eller

**Samples in Shelf Dryers in Crops
Service Building**

I will be checking samples that are left currently in the dryers. If they have 1993 dates they should be removed by the person they belong to. If NOT, I will proceed with discarding the samples. So if anyone thinks they still have samples in the dryers they had better check and remove them before I throw them out.

Mike McClellan

**Experiment Station Field Days
for 1994**

Lamberton, June 22 (summer) and September 14 (fall)

Waseca, June 21 (summer) and September 15 (Corn and Soybean Day)

Morris, July 14 (summer) and September 13 (fall)

Agronomy 8280

All those who plan to register for Agronomy 8280, please give Jean Swanson your class schedule as soon as possible.

Deon Stuthman

Position Announcements
(Posted in notebook in 411 Borlaug Hall)

Assistant Scientist-wind erosion, Department of Agronomy, Kansas State University, Manhattan, KS.

Scientist-maize lines, DeKalb Plant Genetics, Discovery Research, Mystic, CT.

Assistant Professor-environmental horticulture/floriculture, Department of Environmental Horticulture, University of Florida, Gainesville, FL.

Support Geneticist-forest genetics research, USDA Forest Service, Rocky Mountain Station, Lincoln, NE.

Regional Integrated Pest Management Advisor-entomology, DANR-South Central Region, University of California, Parlier, CA.

Research Associate-wheat, Department of Agronomy, Colorado State University, Fort Collins, CO.

Lecturer-equine science, Agricultural Management Division, University of Minnesota-Crookston, Crookston, MN.

Seminar

March 30 Minnesota Institute for Sustainable Agriculture, Dr. David Orr, Refugees or homecomers: A dissenter's view of agriculture in the 21st Century, 1:30 p.m., 306 Borlaug Hall.

MW
2 Agree

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 1, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to Jacob Eta-Ndu and his wife on their new baby boy born on Monday, March 28. Kevin Etoga weighed 7 lbs. 4.25 oz. Both mother and baby are doing well.

Please welcome Dave LeGare to the department as an Assistant Scientist. Dave will begin his new position working with Erv Oelke and Steve Simmons.

Please welcome Denise Taack who joined the department on March 21. Denise will be working part-time to develop two sustainable agriculture decision cases. These cases have been funded through a collaborative grant project with the Minnesota Extension Service. The intent of the project is to train extension staff on the complex changes taking place on farms and rural communities to maintain sustainable agriculture. Training will use decision case methodology as an outreach to actual farm situations obtained from the 1994 sustainable agriculture conference. Denise is in 311 Agronomy Building and her phone number is 4-1211.

The Civil Service Excellence Award and the longevity awards will be presented on Friday, April 15 at 3:00 p.m. in 306 Borlaug Hall. Take this opportunity to show your support for all the civil service employees in the department by your presence. Refreshments will be served.

As of April 1, departmental checkout vehicles will be located in front of the Small Grains Greenhouse at 1529 Lindig Avenue. This will be the parking location until December 1, 1994.

All Utah State University telephone prefixes have been changed from 750-XXXX to 797-XXXX format. This change took place March 25.

Daylight Saving Time begins on Sunday, April 3 at 2:00 a.m. Turn your clocks ahead one hour.

Reminder to all Greenhouse Users

- Please keep walkways open for the waterer.
- All items taken from the headhouse should be returned to the headhouse.

Also, everyone is responsible for their own watering on Monday morning, April 4.

Fishing Trip

The annual Agronomy fishing trip will be held June 17-19 at, you guessed it, Cedar Springs Lodge on Leech Lake. Please contact me and sign up if you are interested in a weekend of fun and fishing. Don't procrastinate! Call me now! Gary Linkert, Chairperson, 625-5263.



Minnesota Pesticide Applicator's License

If you plan to spray pesticides this year in the greenhouse, growth chamber, or field, you are required by the department to have a current 1994 Minnesota Pesticide Applicator's License. If you do not have a license, please contact Mike McClellan at 4-5395 to make arrangements for testing for the license with the Minnesota Department of Agriculture. If you are being supervised by someone who has a valid license, this does not meet the requirements for spraying pesticides. You must be licensed to handle pesticides as required by the department.

Ice Cream

You are invited to a Sundae "Afternoon" on Friday, April 8 at 3:00 p.m. in 306 Borlaug Hall. This is a fund-raiser by the Social Committee. Everyone in the department is invited. Hope to see you all there.



Workshops

Workshops sponsored by the TA Development Program and the Bush Faculty Development Program are scheduled on the following days. These programs are open to faculty and TA's.

"Cultural Racism: Impacts on Teaching and Learning in the Research University." Friday, April 1, 3:30-5:00 p.m., West Wing, 4th floor, Coffman Union.

"Casting a Wide Net: Reaching Diverse Learning Styles." Tuesday, April 12, 1:25-3:20 p.m., Room 320, Coffman Union.

"Assembling and Using Teaching Portfolios." Wednesday, April 27, 1:25-3:20 p.m., Minnesota Commons Room, St. Paul Student Center.

"Student Evaluations: Hoax or Tool?" Wednesday, May 11, 12:15-1:15 p.m., Room 307, Coffman Union (TA's only).

These workshops are free, but places are limited. Please call 627-4330 for more information.

Pictures Needed

If anyone has any old pictures of the Agronomy Building - when it was being constructed or pictures of H.K. Hayes, please give them to Lynne for the naming of Hayes Hall on May 24. The pictures will be returned to you. Thank you.



HAPPY EASTER

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

One full-time faculty position and several part-time positions-biology, Science Division, University of St. Thomas, St. Paul, MN.

Head, Department of Botany, North Carolina State University, Raleigh, NC.

Agronomist-rice, West Africa Rice Development Association (WARDA), Senegal, West Africa.

Agricultural Agent, Cooperative Extension, University of Wisconsin-Extension, Madison, WI.

Postdoctoral Research-soil, Department of Agronomy, Louisiana State University, Baton Rouge, LA.

Manager-seed testing lab; Research Associate-winter wheat breeding, Department of Plant and Soil Science, Montana State University, Bozeman, MT.

Head, Department of Rangeland Ecosystem Science, Colorado State University, Fort Collins, CO.

Research Associate-plant molecular genetics, Crop and Weed Sciences, North Dakota State University, Fargo, ND.

Research Associate-molecular biology, Agronomy Department, University of Arkansas, Fayetteville, AR.

Director-Office of Facilities Planning and Management/Research and Extension Centers, Division of Agriculture and Natural Resources, University of California, Oakland, CA.

Vice President and Provost, Search Committee, University of Virginia, Charlottesville, VA.

Dean, College of Education, Oklahoma State University, Stillwater OK.

Director, Cooperative Extension Division, University of Nebraska, Lincoln, NE.

Research Specialist II-woody plants, Department of Crop and Weed Sciences, North Dakota State University, Fargo, ND.

Seminar

April 4 Plant Breeding, Robb DeHaan, Breeding for intercropping systems, 3:30 p.m., 306 Borlaug Hall.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 8, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

The Sundae "Afternoon" is today at 3:00 p.m. in 306 Borlaug Hall. Everyone is invited.

The combination has been changed for the computer room.

The Agronomy fishing and outdoor leisure trip will be held June 17-19 at Cedar Springs Lodge on Leech Lake. The fishing contest will be held with many prizes awarded, including the beautiful traveling trophy awarded to the luckiest fisherperson. Please contact Gary Linkert at 625-5263 or linke002@maroon.tc.umn.edu for information about cabins and camping. He would like to hear from you by April 15.

Funds are still available for the "Unique Educational Opportunity Grant." The purpose of the grant is to provide money to students for educational opportunities not normally funded through other means. Contact Meg Moynihan (5-1784) or Dave Pazdernik (5-9204) if you are interested.

The 65th Minnesota State FFA Convention will be on the St. Paul Campus April 25 and 26. Over 2,500 students will be here. The Dean's reception will be on Monday from 2:00-3:00 p.m. in the Belgium Room of the Earle Brown Center. Campus tours will be on Monday from 11:00 a.m. to 3:00 p.m. and Tuesday from 9:00-10:00 a.m.

The College of Agriculture is planning the 1994 "Bring your daughter to work day" on April 28. Volunteers are needed to give tours of their labs to small groups during the afternoon. To volunteer, call Shelley Diment at 4-4248 or dimen001@maroon.tc.umn.edu.

Looking for a U.S. government job? If you'd like information on application procedures, types of government positions, addresses of personnel offices, etc. there are two publications available for your perusal in the USDA, ARS office, 403 Agronomy Building. See Vicky Mackerman for the packets on "Federal Employment Information - To Help Enhance Your Career."

The annual bike and camping gear swap will be held May 9-13 at the St. Paul Student Center. Bring in your used bikes, tents, etc. on May 9-10 from 9:00 a.m. to 8:00 p.m. The gear will be on sale May 11-13 from 9:00 a.m. to 8:00 p.m. Many items will be available for purchase.

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Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Dean of the College, Lake Forest College, Lake Forest, IL.

President, The College of Staten Island, The City University of New York, New York, NY.

Research Associate-winter wheat breeding, Department of Plant and Soil Science, Montana State University, Bozeman, MT.

Adjunct Assistant Professor/Crop/Plant Physiologist, Department of Natural Resources and Environmental Design, North Carolina A&T State University, Greensboro, NC.

Geneticist-forest genetics, USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, Fort Collins, CO.

Research Technologist I-wheat research, Department of Agronomy, University of Nebraska-Lincoln, Lincoln, NE.

Interim Agricultural Agent, Cooperative Extension, University of Wisconsin-Extension, Madison, WI.

Farm Link Coordinator (FLC) - Call 717-787-9555.

Seminar

April 11 **Plant Molecular Genetics**, Update on tubulin genes of *Arabidopsis* by Pete Snustad and Root- and shoot-specific responses of individual glutamine synthase genes of maize to nitrate and ammonium by R. Sukanya, 12:00 noon, 306 Borlaug Hall.

M/W
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 15, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Thank you

Faculty:

Thank you for the delicious lunch yesterday and the plant. We really appreciate it. Office Staff

Announcements

The Civil Service Excellence and longevity awards will be presented today at 3:00 p.m. in 306 Borlaug Hall. Refreshments will be served.

Please welcome Wayne Selberg to the department. Wayne will be working toward the M.S. in agronomy with Bev Durgan. His office is 200 Agronomy Building.

The next faculty meeting is Monday, April 18 from 1:00-3:00 p.m. in 306 Borlaug Hall.

A pilot workshop will be held on Friday, May 6 from 1:00-5:00 p.m. at the St. Paul Student Center, "Mentoring for the 1990's and Beyond, New Perspectives on an Old Way to Move Ahead." Mentoring in the 90's means meeting the realities and needs of today's graduate students, staff, and faculty. You are invited to assemble mentoring teams of men and women and participate with other St. Paul Campus teams in the workshop designed to assist units in creating, expanding, or diversifying unit mentoring activities. For more information, call Patty Napier at 624-0776.

The Women in Agricultural Science will meet on Tuesday, April 19 at 12:00 noon in 408 Agronomy Building. A video on female/male communications will be viewed and discussed.

If you would like to receive the Gleanings by e-mail, please let me know (kessl001@maroon.tc.umn.edu). Thank you, Pat Kessler

The annual retirement lunch honoring civil service, field staff, and specialists retiring from the St. Paul Campus will be held on Tuesday, May 24 at the Earle Brown Center. Tickets can be ordered from Nancy Pitzer in Room 42, St. Paul Student Center or from Nancee Hatfield in Room 240 Coffey Hall (624-1222). Tickets are available only until Monday, May 16. The cost is \$6.00. The program consists of a buffet lunch, a brief recognition ceremony, and reception.

The Lab Fest will be held on Wednesday, April 20 from 10:00 a.m. to 4:00 p.m. at the Radisson Hotel Metrodome. Seventy scientific vendors will be participating. For more information, call 624-8024.

On Wednesday, April 20 at 12:00 noon, Women's Wellness Project will present "Be Well to the Core." The program will discuss basics of stress management and tension release exercises. Refreshments will be provided.

The title summary forms for talks and posters for the ASA annual meetings are due Monday, May 9. The ASA-CSSA-SSSA annual meetings will be held in Seattle, Washington on November 13-18. The theme this year is "Broadening Horizons."

Useless Statistics

Paces at which the crunch of a pickle should be audible, according to Pickle Packers International - 10.

Pounds of mud for rubbing baseballs bought by major-league teams each year from Burns Bintliff of Millsboro, DE - 182.

Useful Quote

"Part of the success in life is to eat what you like and let the food fight it out inside." Mark Twain

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Assistant Project Coordinator-almond growers, CAFF Foundation, Davis, CA.

Executive Director, Michigan Agricultural Experiment Station, Michigan State University, East Lansing, MI 48824-1039

Assistant Professor-turfgrass science, Department of Environmental Horticulture, University of Florida, Gainesville, FL.

Graduate Research Fellowships-forest biotechnology, Forest Biotechnology, North Carolina State University, Raleigh, NC.

Key Account Manager-sales agent, ICI Seeds, Marshall, MO.

Crop Production Specialist-retail sales and service, Cenex/Land O'Lakes Ag Services, St. Paul, MN.

Farm Advisor-citrus, pistachios and miscellaneous permanent crops, Division of Agriculture and Natural Resources, University of California, Parlier, CA.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 22, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to Gary Linkert who was the recipient of the 1994 Civil Service Excellence Award, and to the following individuals for Longevity Certificates:

Keith Henjum
Marilyn Hole
Suzanne Livingston
Darryld Oistad
Phil Schaus
Ed Schiefelbein
Duane Schriever
Judy Slyter
Holly Tillis-Byland

The Gamma Sigma Delta Initiation Banquet was held last night at the Earle Brown Center on the St. Paul Campus. Three of our undergraduates and four graduate students were initiated into Gamma Sigma Delta: A.J. Bussan, Kenneth Franzky, Mary Gervais, Meg Moynihan, Wojciech Pawlowski, Christina Sonterre, and Liz Stahl. Also, Ronald Phillips was presented the Award of Merit. Congratulations!

The Philip C. Hamm Memorial Lecture will be held on Thursday, April 28 at 4:00 p.m. in 33 McNeal Hall. The lecture will be given by Dr. Margaret E. McCully, "The Scenery Beneath the Greenery: Roots and Rhizosphere." A reception will be held at 3:30 p.m. in the McNeal Hall lobby. Margaret McCully is professor of biology at Carleton University and Ottawa-Carleton Centre for Graduate Studies, in Ottawa, Canada.

Congratulations to Kenneth Franzky who is a recipient of the Philip C. Hamm Memorial Scholarship. He will be presented the scholarship on Thursday, April 28 at the lecture. Ken is an undergraduate in our department.

Crop Service Building Users

This past week, one or more of the large overhead doors was left open past 8:00 p.m. on two different nights. The last person after 4:30 p.m. should make sure that all large and small doors are closed and locked. Even if you think someone is coming in later, **CLOSE THE DOORS!** Those individuals coming in late can reopen and close the doors if they need to get in. Leaving these doors open late or all night just invites vandalism. Remember the tractor or equipment that gets vandalized, could be your own projects. If you have any questions, please call Mike at 4-5395.

Grad Students

There will be a Grad Club meeting today at 3:30 p.m. in 306 Borlaug Hall. Elections will be held.

Lecture

Richard Leakey will present a lecture "Origins Reconsidered," on Saturday, May 21 at 8:00 p.m. The lecture is sponsored by the Bell Museum of Natural History. Tickets are available at the Northrup Auditorium Box Office (624-2345). Tickets are \$12.00 for nonmembers and \$9.00 for members. A reception will follow the lecture.

Steak Fry

The Gopher Crops & Soils Club Steak Fry will be held on Wednesday, June 1. Please mark this on your calendar. More details will follow.

Call for Proposals

The North Central Region Sustainable Agriculture Research and Education program is seeking proposals for training projects in sustainable agriculture. These projects should be aimed at helping other appropriate agency personnel to increase their understanding and proficiency in the area of sustainable agriculture. Proposals are due May 20 to Steven Waller, University of Nebraska-Lincoln, Lincoln, NE.

Thank You

To the faculty, graduate students, and undergraduates of the Agronomy Department who supported the 1994 Twin Cities Regional Science Fair:

On behalf of the board of the Twin Cities Regional Science Fair and the junior scientists of the four county metro area, we wish to thank all the members of the department for their support of our 1994 Fair. We'd especially like to thank Jane Jewett for her being an evangelist in organizing the support of our fair. The agronomy judges were great with the kids. They provided the kind of role models that we really like to see for these bright young minds. They really need this kind of encouragement. Again, we thank you and we hope you will all come back next year and be involved for many years to come.

David W. Miller, Judging Director
Judy Reynolds-Miller, Awards Director

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Associate Vice Chancellor for Academic Affairs and Dean of Undergraduate Academic Affairs, Vice Chancellor Search Committee, University of Tennessee, Knoxville, TN.

Assistant Education Specialist, Disability Services, University of Minnesota, Minneapolis, MN.

Extension Weed Specialist/Assistant Professor-dryland cropping systems, Department of Crop and Soil Sciences, Washington State University, Pullman, WA.

Postdoctoral Research Associate-bacterial physiology, Department of Plant, Soil and Environmental Sciences, Montana State University, Bozeman, MT.

Urban Horticulture Advisor; Small Farms & Specialty Vegetables Farm Advisor, Division of Agriculture and Natural Resources, University of California, Riverside, CA.

Agricultural Agent, Cooperative Extension, University of Wisconsin-Extension, Madison, WI.

Seminar

April 25 Plant Molecular Genetics, Nora Plesofsky-Vig, Disruption of the gene for an α -crystallin-related heat shock protein of *Neurospora crassa*, 12:00 noon, 306 Borlaug Hall.

Applicant for Weed/Crop Ecology position, Nick Jordan, Biorational management of triazine resistance: Insights from modeling and the field, 3:00 p.m., 306 Borlaug Hall.

April 26 Nick Jordan, Weed control by crop rotation, 9:30 a.m., 306 Borlaug Hall.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 29, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Dr. R. Kent Crookston will review his activities as department head and share his visions for the department's future on Monday, May 2. The special report will be held from 12:00 noon to 1:00 p.m. in 306 Borlaug Hall. All Agronomy faculty, staff, and students are invited to attend.

There is still time to sign up for the annual Agronomy Department fishing and outdoor leisure trip which will be held June 17-19, 1994. Cedar Springs Lodge on the shores of Leech Lake will be the place this year to catch those big fish. Please consider joining in on a weekend with department faculty, staff, and students. Cabins and camping space are still available. Please contact Gary Linkert at 5-5263 to sign up.

A new Graduate Women Science Discussion Group is being formed. One of the missions of Graduate Women in Science (Sigma Delta Epsilon) is to provide a forum for the discussion of issues that are of interest to women scientists. We have already started discussing the lack of research funding, the exclusion of master's and bachelor degree scientists in the definition of a scientist, and the values of having broad vs. narrow research experience. What's on your mind that you would like to hear others comment on? To participate in the discussion, just send an e-mail message to: gwis@ucsd.edu. To add the name of a friend, or to subtract your name from our list, send an e-mail message to: sheri_cole@som-bsb.ucsd.edu. Every time someone adds a comment to the discussion, you will receive it as an e-mail message. You do not have to be a member of GWIS to participate in the discussion.

The Gopher Crops & Soils Club Steak Fry will be held on Wednesday, June 1. Please mark this on your calendar.

Congratulations

Congratulations to the new Agronomy & Plant Genetics graduate student club officers:

President - Liz Stahl
Vice President - Robb DeHaan
Secretary - Padma Commuri
Treasurer - Michael Olsen

Thank you to the outgoing officers for the excellence job they did this past year:

President - Jonathan Shaver
Vice President - Phil Schwab
Secretary - Jane Jewett
Treasurer - Liz Stahl

A new list of all the committee members will be distributed in your mailbox.

Greenhouse Users

The chemicals and clothing from the greenhouse pesticide room have all been moved to cage 13 in the Pesticide Building. Any questions or problems, please call me at 5-3153. Thanks, Pamela

This is another reminder to please remember to lock greenhouse doors. We have had a report of suspicious people hanging around the greenhouses. I try to lock the doors when I make my afternoon watering rounds and still they are unlocked in the morning when I come in. One unlocked door gives an intruder access to six ranges and the headhouse areas. Remember the things stolen or destroyed could be yours. Thanks for your help!

Women in Agricultural Science

We will be joining Entomology's informal lunch discussion group for our next meeting. We will meet at 12:00 noon in Room 224 Hodson Hall on Tuesday, May 3. The title of our discussion will be "A Feminist Look at Manners in the 90's." Copies of the article we will use for discussion are on the reserve shelf in the Plant Pathology Library.

Attention 5th Floor Cold Room Users

The Freon tank for the cold room has a leak and will need to be repaired sometime in the next few weeks. The cold room will be out of commission for 24 to 48 hours during the repair. Alternate storage of all perishable biological materials will need to be found. A notice will be put in your mailboxes as to the exact date of repair.

Hayes Memorial Lecture

Please mark your calendars for the H.K. Hayes event. A reception and graduate student award will be held on Tuesday, May 24 at 2:00 p.m. in 306 Borlaug Hall. T.T. Chang will present the lecture "Green Revolution Still Alive" at 3:00 p.m. in 335 Borlaug Hall, and the Hayes Hall dedication will be held at 4:00 p.m. in 306 Borlaug Hall. We hope the entire department plus many special guests will attend.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Faculty Representative, Search Committee, Department of Men's Intercollegiate Athletics, University of Minnesota, Minneapolis, MN.

Scientific Aide 1, Human Resource Services, University of Idaho, Moscow, ID.

Postdoctoral-agroecosystem health, Tri-Council EcoResearch, University of Guelph, Ontario, Canada.

Extension Weed Specialist/Assistant Professor, Department of Crop and Soil Sciences, Washington State University, Pullman, WA.

Support Geneticist-forest genetics, USDA Forest Service, University of Nebraska, Lincoln, NE.

Faculty Research Assistant-potato project, Department of Crop and Soil Science, Oregon State University, Corvallis, OR.

Lab Associates-Agronomy-soils and crops, Department of Agronomy, Iowa State University, Ames, IA.

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

May 6, 1994

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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Congratulations

Congratulations to Ed and Betty Schiefelbein on their new baby boy born on Saturday, April 16. Luke Edward weighed 4.8 lbs. and was 17.5" long. Luke was born nine weeks early, but is doing fine. He will be home soon.

Announcements

An upcoming work party organized by Frank Enfield to help in cutting and removal of about 75 Norway pine trees that fell by last week's tornado (which also destroyed Enfield's barn, did considerable damage to his apple orchard, and caused all of the windows in his house to blow out). The "party" will be on Saturday, May 21 (unless there is EXTREMELY INCLEMENT weather). If anyone is interested in and can help on that day, please contact Ellen Dahl at 624-2240. Only a limited number of people can help, so we will cull the list if we have more volunteers that we need. Please call if you have any questions.

If you have a new address for a former graduate student, faculty member, postdoc, or civil service staff member, please give that address to either Lynne Medgaarden or Jeanne Davy so that we can keep our address file current. Thank you.

Congratulations to Martin Fabrizio who successfully competed his 1000th skydive.

The Horticultural Club will have their spring plant sale at the St. Paul Student Center on May 12-13 from 9:00 a.m. to 5:00 p.m., and on May 14 from 9:00 a.m. to 12:00 noon. Look for the big tent. Over 130 perennial varieties and a large selection of annuals will be available for purchase.

The retirement luncheon will be held in the Earle Brown Center at 12:00 noon on Tuesday, May 24, 1994.

Hazardous Waste Training Session

Individuals who attended the training session this week on Wednesday are reminded to return their signed MERTKA forms to Jeanne Davy. For those individuals who missed the session, a videotape is available which can be viewed as a make up session. Contact Teresa Schoeder at 5-1748. The tape is approximately 50 minutes long.

Requests for Proposals

The American Farm Bureau Research Foundation is now accepting proposals for research projects in the following areas:

- Animal Waste Management
- Risk Management/Marketing
- Best Management Practices
- Agricultural Chemical Usage

The deadline for submission of proposals is June 1, 1994. See Jeanne for complete details.

Outstanding Achievement Award

Oscar Miller will receive the University of Minnesota Outstanding Achievement Award and present the commencement address at the Spring Graduate School Commencement. He was a student of Dr. Burnham's and was the first person to actually see a gene producing its product. We will have a special departmental reception for Dr. Miller at 2:30 p.m. on Thursday, May 12 in 306 Borlaug Hall, followed by a seminar in 335 Borlaug Hall. Please mark your calendars! We encourage staff, undergraduate and graduate students, postdoctorals, and faculty to attend. If you wish to hear Dr. Miller's commencement address, the event is in Northrup Auditorium at 1:00 p.m. on Friday, May 13.

Safety Training

The Department of Environmental Health & Safety is offering Train-The-Trainer sessions each third Wednesday of the month. The next session is scheduled for Wednesday, May 18 from 8:30 a.m. to 12:15 p.m. in Room N101 Boynton Health Service, Minneapolis Campus. The intent of the training session is to provide training and training materials for safety officers, supervisors and managers, so that they can train their own staff and students in regulatory requirements. The Department Safety Committee is recommending that each lab supervisor attend a training session. Call 626-6002 to reserve a space for this training session. The session in June is scheduled for June 15, 1994.

Water Quality Research Grants

The CSRS/USDA solicitation of applications for its competitive grants awards in water quality appeared in the Federal Register on April 20, 1994. The deadline for submitting applications is June 10, 1994. See Jeanne for complete details.

Undergraduate Research Symposium in Life Sciences

The College of Biological Sciences has scheduled an undergraduate symposium for Wednesday, May 18 from 1:30-4:00 p.m. in the foyer of the Ecology Building, St. Paul Campus. Oral presentations will be from 1:30-2:00 p.m. and poster presentations will be from 2:00-4:00 p.m.

Hayes Memorial Lecture

Please mark your calendars for the H.K. Hayes event. A reception and graduate student award will be held on Tuesday, May 24 at 2:00 p.m. in 306 Borlaug Hall. T.T. Chang will present the lecture "Is the Green Revolution Still Alive?" at 3:00 p.m. in 335 Borlaug Hall, and the Hayes Hall dedication will be held at 4:00 p.m. in 306 Borlaug Hall. We hope the entire department plus many special guests will attend.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Executive Director, Board of Regents
Closing Date: May 9, 1994

UNIVERSITY OF GEORGIA
Dean & Director, College of Agricultural and Environmental Sciences
Closing Date: June 15, 1994

PIONEER HI-BRED INTERNATIONAL, INC.
Research Associate - Soybean Genetic Marker
M.S. or B.S. in a biological science
Closing date: June 30, 1994

LOUISIANA STATE UNIVERSITY
Assistant/Associate/Specialist in Pasture and Forage Crops
Closing Date: May 25, 1994

SEMINAR

May 9 Plant Molecular Genetics, Qiang Chen, Glutamine synthase genes in *Chlamydomonas*, 12:00 noon, 306 Borlaug Hall.

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

May 13, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

The West Central Experiment Station will host Ag Awareness Day on Sunday, May 22 from 2:00-5:00 p.m. Ag Awareness Day is an educational event designed to improve the non-farm public's understanding of modern agriculture. The activities and displays are developed to create a fun-filled, family atmosphere geared toward telling the story of agriculture to children. There will be demonstrations and displays related to all eight active areas of research (Agronomy, Ag Economics, Beef, Dairy, Horticulture, Sheep, Soils, and Swine). The WCES is located on State Hwy. 329, P.O. Box 471, Morris, MN (612-589-1711).

Parking Services will increase rates effective on July 1. Public daily rates will increase from \$1.25 to \$1.50, hourly ramps from \$.85 to \$1.00/hour, and hourly garages from \$1.50 to \$1.60/hour. Carpool rates will remain \$.50/day. Contract rates will increase October 1; lots will increase to \$27.25, ramps to \$40.50, and garages to \$50.25 per month.

The Gopher Crops and Soils Club will have their Annual Steak Fry on Wednesday, June 1 at 5:00 p.m. at the Jaycee Shelter in Central Park, Roseville. Plan to join the undergraduate students for a fun evening. Purchase tickets from Lynne in 302 Agronomy Building or Marjorie in 439 Borlaug Hall by May 31. Tickets are \$5.00 for adults and children under ten are free.

Special Seminar

Dr. Iver Johnson will present "My 70-Year Career in Agronomy," on Monday, May 23 from 3:30-4:30 p.m. in 306 Borlaug Hall. Dr. Johnson is a former Ph.D. graduate and plant breeding faculty member of the Department of Agronomy and Plant Genetics. He was later on the faculty of Iowa State University and then went to industry with Cal-West Seeds. He will be here to participate in the naming of Hayes Hall.

Symposium

A one day symposium will be hosted by the Institute of Agriculture, Forestry, and Home Economics, Agricultural Experiment Station entitled "Managing Yourself and Leading Others in a Changing World." Dr. Terry Paulson brings knowledge, enthusiasm, and a refreshingly unique approach to his audience. He is one of the best keynote speakers on topics ranging from self-motivation and time management to managing conflict and change. The symposium will be held in the North Star Ballroom on June 22 from 8:30 a.m. to 4:00 p.m. Six hundred reservations will be accepted on a first come basis. A box lunch will be provided. For any questions, contact Ruth at 5-4211.

Hayes Memorial Lecture

Please mark your calendars for the H.K. Hayes event. A reception and graduate student award will be held on Tuesday, May 24 at 2:00 p.m. in 306 Borlaug Hall. T.T. Chang will present the lecture "Is the Green Revolution Still Alive?" at 3:00 p.m. in 335 Borlaug Hall, and the Hayes Hall dedication will be held at 4:00 p.m. in 306 Borlaug Hall. We hope the entire department plus many special guests will attend.

POSITION ANNOUNCEMENTS
(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Farm Advisor, Vegetable/Row Crops and Irrigation. Academic career-track.

Closing Date: June 15, 1994

County Director, Tuolumne County; Farm Advisor. Livestock production and range resource management is desirable.

Closing Date: July 15, 1994

UNIVERSITY OF IDAHO

Graduate Research Assistantship in Potato Sciences.

Closing Date: August, 1994

UNIVERSITY OF MINNESOTA

Postdoctoral Associate, Department of Soil Science. Temporary positions. The department maintains a file of applicants for these temporary positions for the fiscal year (through June 30, 1995).

Assistant Professor, Animal Science/Beef Cow-Calf Management, Department of Animal Science. Full-time, 12-month, Tenure Track.

Closing Date: July 31, 1994

Associate Vice President, Office of the Vice President for Arts, Sciences, and Engineering. Full-time, 12-month, annually renewable appointment.

Closing Date: June 6, 1994

NORTH CAROLINA STATE UNIVERSITY

Agricultural Research Unit Manager-Dairy. Prefer M.S. degree. Pasture utilization and rotational grazing with dairy cattle is an essential requirement.

OKLAHOMA STATE UNIVERSITY

Assistant Professor, Soils, Department of Agronomy (Nine-month, Tenure Track).

Closing Date: June 15, 1994

Assistant Professor, Forages, Department of Agronomy (11-month, Tenure Track).

Closing Date: June 15, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

May 20, 1994

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Announcements

There will be a faculty meeting on Monday, May 23 at 1:00 p.m. in 306 Borlaug Hall.

Please give your Staff Demographic Information Update forms to Jeanne Davy after you have checked your current student /staff directory listing.

The mail in front of Borlaug Hall is picked up now at 4:20 p.m., instead of 4:45 p.m. each day.

A special discussion with Hayes lecturer, T.T. Chang, will be held for all graduate students in the department next Tuesday, May 24, from 9:00-10:00 a.m. in 306 Borlaug Hall. We would appreciate your alerting your graduate assistants and strongly encouraging them to attend this session, as well as the Graduate Student Award and Lecture ceremonies on Tuesday afternoon. These items are certain to be educational and worthwhile.

The retirement luncheon will be held in the Earle Brown Center at 12:00 noon on Tuesday, May 24.

A Fulbright Scholarship information meeting will be held on Wednesday, May 25 at 2:00 p.m. in Room 303 Johnston Hall and Thursday, May 26 at 10:00 a.m. in Room 303 Johnston Hall, Minneapolis Campus. The Fulbright Scholarship Program for graduate study abroad offers scholarships in over seventy countries. Applicants must be U.S. citizens.

Please join friends, alumni, and faculty of the College of Biological Sciences at a ceremony and celebration to open the Botany Building Time Capsule that was sealed on May 27, 1926; and the sealing of the Ecology, Evolution and Behavior/Botany Time Capsule. This event will be held on Friday, May 27 at 12:00 noon on the first floor of the Ecology Building, St. Paul Campus.

Sue Shepard would like to rent her condo to a visiting faculty who may need housing next year. Available: August to August. Luxury one bedroom, downtown Minneapolis on the Greenway. Large living area, two bathrooms. Completely furnished, underground parking, and security building. Health club, laundry, park with lake and many arts nearby. Please call her at 612-624-4777 (days) or 612-339-5166 (evenings).

Special Seminar

Dr. Iver Johnson will present "My 70-Year Career in Agronomy," on Monday, May 23 from 3:30-4:30 p.m. in 306 Borlaug Hall. Dr. Johnson graduated from the School of Agriculture-Crookston and worked under Dr. Dunham. He majored in agronomy for his B.S. and received his Ph.D. in 1931. Dr. Johnson was a member of the committee planning the Agronomy Building before going to Iowa in 1940. He was living in the old farm house, but had to move when Agronomy & Plant Genetics was taking over. Dr. Johnson has received the University of Minnesota outstanding achievement award and he has served as President of American Society of Agronomy. He will be here to participate in the naming of Hayes Hall.

Hayes Memorial Lecture

A reception and graduate student award will be held on Tuesday, May 24 at 2:00 p.m. in 306 Borlaug Hall. T.T. Chang will present the lecture "Is the Green Revolution Still Alive?" at 3:00 p.m. in 335 Borlaug Hall, and the Hayes Hall dedication will be held at 4:00 p.m. in 306 Borlaug Hall. We hope the entire department plus many special guests will attend.

STEAK FRY

The Gopher Crops and Soils Club will have their Annual Steak Fry on Wednesday, June 1 at 5:00 p.m. at the Jaycee Shelter in Central Park, Roseville. Purchase tickets from Lynne in 302 Agronomy Building by May 31. Tickets are \$5.00 for adults and children under ten are free.

POSITION ANNOUNCEMENTS
(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA, DAVIS

Extension Agronomist for Cotton Production, Department of Agronomy and Range Science (11-month).
Closing Date: August 1, 1994

UNIVERSITY OF GEORGIA

Assistant Professor, Department of Crop & Soil Sciences (12-month, Tenure Track).
Closing Date: June 24, 1994

KANSAS STATE UNIVERSITY

Assistant Scientist (Temporary), Wind Erosion Mechanics Research, Department of Agronomy.
Closing Date: May 30, 1994

UNIVERSITY OF MINNESOTA-DULUTH

Plant Physiology (Temporary), Department of Biology.
Closing Date: June 3, 1994

UNIVERSITY OF NEBRASKA

Program Coordinator, North Central Region Sustainable Agriculture Research and Education Program
Regional Office.
Closing Date: May 20, 1994

NEW MEXICO STATE UNIVERSITY

Assistant Professor (12-month, Tenure Track), Department of Agronomy & Horticulture.
Closing Date: September 1, 1994

OREGON STATE UNIVERSITY

Graduate Research Assistantships, Department of Crop & Soil Science.

PENN STATE UNIVERSITY

Director, Southeast Extension Region, College of Agricultural Sciences, Cooperative Extension.
Closing Date: June 20, 1994

PIONEER HI-BRED INTERNATIONAL, INC.

Research Manager-Breeding in Johnston, IA.
Closing Date: June 15, 1994

SEMINAR

June 1 Minnesota Institute for Sustainable Agriculture, Dr. Pamela G. Fernandez, The Role of the University of the Philippines in the Development of a Sustainable Agriculture: Dealing with Institutional Constraints, 3:00 p.m., 306 Borlaug Hall.

MIW/pfj/860

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

May 27, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends

Announcements

Phil Schwab has accepted a position as a Congressional Science Fellow with ASA, CSSA, SSSA, WSSA, etc. He will be working as an aide in congress on agricultural issues during 1995. Congratulations.

Monday, May 31, is the Memorial Day Holiday. The University will be closed.

Giving away our cat. Call Ed S. or Don W. at 5-0250. It loves barley and greenhouses.

For Sale: 1985 Dodge Colt hatchback, 2 door, 30 mpg, excellent mechanical condition. New battery and carburetor. 97 M miles. Great cheap transportation. \$650. Call Eric at 625-6266 or 699-2488.

Jean Swanson would like to sub-lease her parking space in lot SC-161 for the months of June, July and August. If you are interested please call 625-2740

FAREWELL COFFEE: We will have a farewell coffee for Kingsley Ayisi on Wednesday, June 1 at 9:30 a.m. in 306 Borlaug Hall. Kingsley has successfully completed his Ph.D. and has accepted a teaching position in South Africa.

Sara Hartman is moving and will be leaving the department as of Wednesday, June 1.

The National Sunflower Association will hold their annual summer seminar on July 13-14, 1994, at the Holiday Inn in Detroit Lakes. Check the bulletin board for a complete itinerary and a pre-registration form.

Special Seminar

BIOLOGICAL FORUM: "Do Animals Avoid Inbreeding?" by Anne Pusey, Department of Ecology, Evolution and Behavior, Monday, June 6, 1994 in 306 Borlaug Hall. Social starts at 7:00 with the program following at 7:30.

Undergrad Steak Fry

Tuesday, May 31, is your last day to sign up for the Gopher Crops and Soils Club Annual Steak Fry at Central Park, Roseville. Faculty, staff, post docs, grad students, undergraduates are all welcome to attend. The cost is \$5.00 for adults with children under 10 free. The picnic will start at 5:00 p.m. on Wednesday, June 1 at the Jaycee's Shelter off Lexington. Purchase your ticket from Lynne in 302 Hayes Hall.

Hayes Celebration

The H.K. Hayes Graduate Student Award, Lecture, and Building Dedication all ran very smoothly. Thank you to all who participated in making this a special day. Special thanks go to Ron Phillips, Lee Hardman, Laddie Elling, Craig Sheaffer, Steve Simmons, Bob Busch, Jonathan Shaver, Teresa Schoeder, Lynne Medgaarden, and Muriel Mapes. Sandra Milach delivered a wonderful acceptance speech. Thanks to all.

Fishing Trip

Remember, the Annual Agronomy Department Fishing Trip will be held on June 17-19 at Cedar Springs Lodge on lovely Leech Lake. If you are still interested in going along contact Gary Linkert at 625-5263.

AGRO 8280

John Doebley will teach Agro 8280, Current Topics in Plant Breeding, with the topic of Genetic Mechanisms in Crop Evolution, on Thursdays from 12:50-2:20 in 306 Borlaug Hall, 2 credits, during Fall Quarter.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

NORTH DAKOTA STATE UNIVERSITY

Water Quality Associate, NDSU Extension Service, (Non-tenure track, temporary)

Closing Date: June 9, 1994.

UNIVERSITY OF MINNESOTA

Research Associate, Department of Forest Resources (100%-time academic professional-renewable, Non-tenure track)

Closing Date: June 1, 1994.

UNIVERSITY OF NEBRASKA-LINCOLN

Research Technologist I, Department of Agronomy (Temporary, Non-tenure track) - B.S. or M.S. level

Soybean physiology/genetics research project - Salary: \$21,708.

Closing Date: June 3, 1994

Research Technologist I, Department of Agronomy (Non-tenure track) - B.S. or M.S. level

Cropping systems research project - Salary: \$19,735.

Closing Date: June 17, 1994

STEPHEN AUSTIN STATE UNIVERSITY, NACOGDOCHES, TEXAS

Associate Director, Soil Testing Laboratory and Instructor of Agriculture (Non-tenure track)

Closing Date: June 1, 1994.

HAWAIIAN SUGAR PLANTERS' ASSOCIATION

Director, Experiment Station, Hawaiian Sugar Planters' Association, Aiea, Hawaii (Non-tenure track)

Closing Date: July 1, 1994.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, Mn 55108 (612) 625-7773

June 3, 1994

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Announcements

Reminder to all civil service and bargaining unit staff - Don't miss this outstanding professional development opportunity. Dr. Terry L. Paulson, *Managing Yourself and Leading Others in a Changing World*. June 22, 1994. 9:00-4:00, Northstar Ballroom, Lunch will be served. Reservations are due June 15. For additional information, please call Ruth Sanborn at 625-4211 or Heidi Kingman at 624-4989 with reservations.

Reminder to faculty - there is a SOTA TEC Fund sponsored by Blandin Foundation. Grants up to \$200,000 are available for U of MN researchers who have an idea that could develop business applications in rural Minnesota. For a copy of the information brochure, call Jill at 4-4159.

Forwarding Address for Mel Stanford: 2801 Evergreen Ave., Salt Lake City, Utah 84109, telephone: 801-466-7992.

Mr. Martin Kamps is no longer with Cebeco Zaden B.V. in the Netherlands. Correspondence should be sent to Ing. B. Scholte. They also have a new address: Cebeco Zaden B.V., P.O. Box 10.000, 5250 GA Vlijmen, The Netherlands.

The following are grants received by our department.

Deploying Soybean Cyst Nematode Resistance Genes, Nevin D. Young and James H. Orf, MN Crop Improvement Assoc., \$20,000, 3/15/94-3/14/95.

Selection for Improved Winter Hardiness in Perennial Ryegrass, Nancy J. Ehlke and Donald L. Wyse, MN Crop Improvement Assoc., \$19,000, 4/15/94-4/14/95.

Transgene Expression in Genetically Engineered Maize and Oats, David A. Somers, and Neil E. Olszewski, Consortium for Plant Biotechnology Research Incorporated, \$37,395, 7/1/93-6/30/94.

Class Announcement

Fall 1994 - Not listed in Class Schedule - Plant Pathology 5214, Plant Virology, Lec. T, Th 12:50-13:40 p.m., 395 BorH, Library Annex, Lab. T, Th 13:55-15:50 p.m., 291 BorH, 106 AGRPGGH, 4 Credits, Call #478208

Summer Session 1994 - Plant Pathology 5204, Field Plant Pathology, Discussion Th, 12:00-13:00 491 BorH, Field Trip 13:00-17:00.

22nd Stadler Genetics Symposium, May 22-24, 1995. For information contact: J.P. Gustafson, 206 Curtis Hall, Univ of Missouri, Columbia, Missouri 65211.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 BH)

DeKALB PLANT GENETICS

Assistant Station Manager, Soybean Research, Beaman, IA. Position available 7/18/94

SANDOZ AGRO., INC.

Post Doctorate (2 year), Residue Chemistry/Environmental Chemistry, Des Plaines, IL

MINNESOTA EXTENSION SERVICE

Nonpoint Source Information and Education Coordinator, U of M/MN Pollution Control Agency (2 year position). Closing date: 6/24/94.

NORTH DAKOTA STATE UNIVERSITY

Soil Scientist, Williston Research Center, Williston, ND. Closing date: 8/15/94.

SOUTH DAKOTA STATE UNIVERSITY

Research Assistant, Department of Plant Science, Brookings, SD, (full-time non-tenure), Salary \$18,200 plus benefits, Closing date: 6/27/94.

MIW
6/9/94

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
June 9, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to Larry Smith who is the recipient of the Agriculture Student Board's Outstanding Teacher of the Year Award.

Congratulations to Colleen Cichoski who will be graduating tomorrow. Colleen will be taking a trip to Europe for four weeks and then returning to the department to work until she finds an interior design position. Have a great trip!

We had several undergraduates who went through the Spring Quarter Commencements Ceremonies on Sunday, June 5:

- Starr Autman
- Curt Droogsmma
- Chad Fossey
- Ulysses Herrera
- Glen Kaschmitter
- Art Killam
- Lisa Smiley
- John Terhell
- Mike Binsfeld
- Pat Carruthers
- Ross Darnl
- Ken Franzky
- Brian Goodspeed
- Bruce Paulsrud
- Darin Pesta
- Gregg Rosenthal
- Tina Sonterre
- Joe Spinler
- Brent Wiersma
- Ruth Anderson
- Jeff Hegstad
- Denise Taack

Congratulations to these undergraduate students!

Kent Crookston returned from a brief visit to Ghana. Kent and Ben Lockhart (Plant Pathology) spent a week with crop scientists at the Crops Research Institute (C.R.I.) in Kumasi, Ghana. They were preparing a proposal for the McKnight Foundation for funding to support improved cassava production and utilization in West Africa. Kent brings greetings from Drs. Joe Afuakwa, Asafo-Adjei Baffour, and Peter Sallah who are all employed at the C.R.I. All three of these scientists are department alumni; Kent reports that they are in excellent spirits and health.

You are invited to attend a Retirement Reception for Reynold P. Dahl on Friday, June 24 from 2:30 to 4:30 p.m. in the Earle Brown Center. Reese Dahl will be retiring from the Department of Agricultural and Applied Economics on July 1, 1994. Please join us in honoring Reese for his distinguished career at the University of Minnesota.

To celebrate Dr. Phil Larsen's nine years as department head and wish him well in his new ventures, there will be a reception on Thursday, July 7 at 4:00 p.m. in the Cherrywood Room. At that time, we can take a few moments to thank Phil and Sandy personally and to give Phil some tokens of our appreciation.

Extension Summer Session classes begin on Monday, June 13. Day School classes begin on Tuesday, June 14.

The University of Minnesota is proud to be the host institution of the 1995 NCAA Women's Basketball Final Four which will be held April 1 and 2 at the Target Center in downtown Minneapolis. See Jeanne for Ticket Applications or call Gopher Women's Athletics at 624-3335.

Ph.D. Thesis Defense

Computer-Simulation Evaluation of Breeding Methods for Self-Pollinated Species. Tabare Abadie, Wednesday, June 15 at 9:30 a.m., 306 Borlaug Hall.

Special Seminar

The Dairy Industry Down Under -- From a U of MN Soil Science Graduate's Perspective. Cameron J.P. Gourley, June 15 at 10:30 a.m., 375 Borlaug Hall.

Graduate Students

If you are planning to TA a course during 1994-95 there is a series of TA Orientation Workshops offered by the Teaching Assistant Development Program during the week of September 15-20. The list of workshops are posted on the bulletin board in the 3rd floor hallway of Hayes Hall. If you are interested in attending any of these workshops please contact Lynne no later than July 1 to reserve a space. Thank you.

Progress forms for Plant Breeding students will be reviewed soon by Deon Stuthman.

Faculty

Is anyone advising Gail Haberle for two credits in Agro 5001, Problems for Advanced Students? Please contact Lynne by Tuesday if you are working with this student so that we can turn in a grade. Thank you.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

ICRISAT (International Crops Research Institute for the Semi-Arid Tropics)
Plant Molecular Biologist in Andhra Pradesh, India.
Closing Date: July 31, 1994

KANSAS STATE UNIVERSITY
Assistant/ Associate Agronomist, Coordinator of Experiment Field Operations, Department of Agronomy, Full-time, non-tenure track.
Closing Date: August 1, 1994

UNIVERSITY OF MARYLAND AT COLLEGE PARK
Small Grains Breeder, Assistant, Associate or Full Professor, Agronomy Department, Tenure-track position, 9 1/2 month.
Closing date: August 1, 1994

OKLAHOMA STATE UNIVERSITY
Assistant Extension Specialist, Soil Fertility, Department of Agronomy, Salary: \$20,000-\$24,000/year plus benefits. M.S. degree in Agronomy.
Closing date: July 31, 1994

UNIVERSITY OF WISCONSIN
Agricultural Agent, Cooperative Extension, Racine and Kenosha Counties, Tenure-track.
Closing date: July 5, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

June 17, 1994

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COME ONE, COME ALL!!!

To a picnic sponsored by the Graduate Club. The date is next Saturday, June 25. The time is anytime after 12:00 noon. The place: Long Lake in New Brighton. Maps will be out and about next week. Oh, doesn't a cool dip in a long lake sound good right about now? We welcome grad students (of course), staff, postdocs, faculty, friends and family. Please bring your own protein source to grill and a dish to share. Grad club will take care of beer, soda, plates/utensils, condiments and other picnic-like stuff. If you plan on coming, please sign up your dish to share in 411 Borlaug Hall; we want to avoid having 27 dishes of coleslaw. If you decide to come at the last minute, you are welcome!! No override permits required. See you at the pique-nique.

ANNOUNCEMENTS

Congratulations to Teresa Schoeder and Craig Sheaffer on their new baby boy born on Wednesday, June 15 at 3:45 a.m. Parker weighed 7 1/2 lbs. and was 20" long. Parker joins big brother Mitchell.

The department fishing trip will be held this weekend at Cedar Springs Lodge on Leech Lake. Good luck to all the fishermen and fisherwomen.

Judy Slyter has a University of Minnesota Consulting and Professional Services Directory for anyone who is interested or needs to find a consultant. All of the service providers in this directory have recently been used by University of Minnesota departments. We have included *only* external service providers who permitted us to include them, and who are considered satisfactory performers by client departments. Some providers were omitted from this listing because they offer services restricted by University policies (Example: Facilities Management department handles all requirements for architects, engineers, and interior designers).

I am looking for two hard covered textbooks, "Molecular Cell Biology," 2nd ed. by Darnell, Lodish and Baltimore and "Genes and Genomes" by Singer and Berg. If you have these books or know where they may be, please call me at 624-0739 or leave a note in my mailbox #31. Thank you. Paula Olhoft

For lectures, field days, newsletters, etc. that you circulate by way of an address list throughout the College of Agriculture, please add the new development officer for COA, Stan Sinsky, 277 Coffey Hall, email sinsk001@maroon.tc.umn.edu, 624-3625.

Sue Shepard will be on sabbatical from August 15, 1994 to August 15, 1995. Jim Lewis will be her interim replacement on a part-time basis. Please keep her on your lists. Jim Lewis will receive the information. Thank you.

Request for Proposals:

GTE Program to promote innovative programs to help traditionally underrepresented minority students enter and complete undergraduate degrees in math, science or engineering. Amounts up to \$30,000 over two academic years. Programs involving partnerships with community colleges, and/or secondary or elementary schools and an innovative use of technology are favored. One proposal from the University is allowed. Call Jill at 624-4159 for more information and a brief application form from the University. Deadline is July 15 for application to the University.

Crops and Soils Field Days will be held on Tuesday, June 21 at the Southern Experiment Station in Waseca and on Wednesday, June 22 at the Southwest Experiment Station in Lamberton. Continuous field tours will be held from 8:30 a.m. to 2:30 p.m. at Lamberton.

The Southern Experiment Station at Waseca is also sponsoring a Weed Control and Nutrient Management Tour on Friday, June 24 from 10:00 a.m. to 1:00 p.m., Olmsted County Fairgrounds, Rochester. Bus transportation will be provided to the four sites. No charge for tour participation.

The following bookstores will be closed for inventory:

St. Paul Bookstore - Noon, June 29, reopen, July 1.

Health Science Bookstore - Noon, June 29, reopen, July 1.

West Bank Bookstore - Noon, June 29, reopen, July 1.

East Bank Bookstore - 5:00 p.m., June 28, reopen, July 1.

Computer Store - 5:00 p.m., June 28 (The Computer Store will be open by appointment on June 29 until 5:00 p.m. and on June 30 until noon. Please call 626-1782 for more information), reopen, July 1.

A new time period has been added to the Winter Quarter 1995 teaching schedule for the St. Paul Campus (0725-0815).

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CONNECTICUT

Associate Dean for Academic Programs and Director - Ratcliffe Hicks Schools of Agriculture, College of Agriculture and Natural Resources. Tenure-track, full-time position.

Starting Date: September 1, 1994

COLORADO STATE UNIVERSITY

Research Horticulturist, 12 month, tenure-track.

Closing Date: July 15, 1994

THE AGRICULTURAL COLLEGE OF THE HUMID TROPIC REGION

Professor of Anthropology/Rural Sociology; Professor of Agricultural Business Administration; Marketing, Finance and Human Resource Management, San Jose, Costa Rica

UNIVERSITY OF MINNESOTA

Assistant to the Director, Office of Equal Opportunity and Affirmative Action. Full-time, 12 month.

Closing Date: July 1, 1994

MIAMI UNIVERSITY, OXFORD, OHIO

Dean, School of Business Administration.

Closing Date: November 1, 1994

PURDUE UNIVERSITY

Postdoctoral (2-years), Department of Agronomy. A Ph.D. in Plant Genetics and Breeding is required.

SLIPPERY ROCK UNIVERSITY

Parks and Recreations/Environmental Education Department Faculty. Tenure-track. Doctorate in agronomy, soil science or related field with teaching experience in sustainable agriculture.

Closing Date: July 29, 1994

TEXAS A&M UNIVERSITY

Professor and Head, Department of Horticultural Sciences.

Closing date: July 31, 1994

UGANDA

Postdoctoral agronomist in banana research. The position will be based at the Kawanda Research Station near Kampala, Uganda.

Closing date: August 31, 1994

GREENHOUSE NOTES

Don't forget fluorescent bulbs are considered HAZARDOUS waste! They should not be left in the greenhouses. If you have any questions about what to do with your used or new bulbs, please call me at 5-3153. Thanks!

There are a couple of new items for spraying in the greenhouses. Azatin EC, a biological insecticide, for the control of many of the greenhouse pests. I don't know how well it works or what it works best on. There is also a Spreader/Sticker, which is supposed to improve the results of all chemicals sprayed.

I have disposed of the chemicals that are older than 2 years, so most of the chemicals are new. Hopefully this will help improve our results!

Any questions call me at 5-3153. Pamela

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
June 24, 1994

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COME ONE, COME ALL!!!

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ANNOUNCEMENTS

A belated welcome to our newest faculty member, Dr. Maria Gallo-Meagher who arrived on June 1. Dr. Gallo-Meagher's laboratory will be located in 593 Borlaug Hall. Also, welcome Assistant Scientist, Shane Heinen from Iowa State University, who will be working in Dr. Gallo-Meagher's laboratory.

Rafael De Prado, a Visiting Professor from the University of Cordoba, Cordoba, Spain will be in the department for the next five months. Rafael is a Plant Physiologist who has been investigating herbicide resistant weeds in Spain. He will be working with John Gronwald during his stay. Rafael's office is in 134 Borlaug Hall.

Jeffrey L. McElroy, a new Research Assistant, will be working with Don Rasmusson. Jeffrey comes from Colorado State University.

Dr. Vicki Gustafson has joined David Somers' laboratory as a Research Associate. Vicki received her Ph.D. from the University of Nebraska.

Ginger Walker has joined the USDA office as a word processor working with Vicky Mackerman.

Maralee Olson is a student accounts assistant working in the accounting office for the summer.

Congratulations to Craig Sheaffer who has been elected Fellow in the American Society of Agronomy. He will receive the award at the ASA meetings in Seattle, WA next November.

The 1994 Agronomy Fishing Trip was a lot of fun and many prizes were awarded. Congratulations to Jamie Halgerson who won the Best Fisherperson Award and to Dave Sandstrom for catching a 25" northern. The 1995 Chairperson will be Doug Swanson. Hope to see more of you out fishing next year.

There will be a retirement recognition coffee for Duane Smith at 3:00 p.m. on Wednesday, July 6 in 306 Borlaug Hall. Duane is a graduate of the department and worked for Bob Robinson, Minnesota Crop Improvement Association, and the Barzen Seed Co. prior to becoming part of the Department's Forage Research Team in 1965. Please contact Don Barnes if you would like to be part of the program.

Nestor Romero and Tony Juan will present a discussion of alfalfa grazing practices and research in Argentina. Nestor and Tony both received graduate degrees on Craig Sheaffer's project. The discussion will be held on Wednesday, July 6, 1:30-2:30 p.m. in 306 Borlaug Hall, prior to Duane Smith's coffee.

Effective July 1, 1994, the new indirect cost rates to be used when preparing proposals having an effective date of July 1 or thereafter is as follows: research on campus, 45%; research off campus, 24%; other sponsored research on campus, 30%; other sponsored research off campus, 24%; instruction on campus, 50%; and instruction off campus, 26%.

All of the blanket orders for Books Underground have been closed out for year end. If you need something before July 1, please see Marilyn or Judy for a one time order.

The American Farm Bureau Research Foundation is inviting researchers from all parts of the country to present poster papers on their research projects at their upcoming meeting in St. Louis, Missouri on January 8-10, 1995. The deadline to submit applications is August 31, 1994. See Jeanne for details.

The AARC Center (Alternative Agricultural Research and Commercialization) is requesting proposals to use agricultural (traditional and new crops, animal by-products or forestry) materials in industrial products or processes. Potential funding for proposals can be either under research and development assistance or the commercialization assistance provisions using the Cooperative Agreement Program to assist emerging industrial products/processes involving the use of agricultural materials in non-food, non-feed, non-traditional fiber products or processes. Deadline is August 31, 1994.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

CENTER FOR RURAL AFFAIRS

Research and Technology Policy Project Leader, Sustainable Agriculture Research and Education, B.A. degree, Salary: \$26,250.

Closing Date: August 12

UNIVERSITY OF MINNESOTA

Postdoctoral Position, Department of Pharmacology, Medical School. Required to have Ph.D. in biological sciences.

Closing Date: September 1

UNIVERSITY OF NEBRASKA

Research Technologist, Department of Agronomy. B.S. in Agronomy with emphasis in soil science.

Closing Date: July 15, 1994

PURDUE UNIVERSITY

Head, Department of Agricultural Engineering. Eligible for tenure at the rank of full professor.

Closing Date: October 1, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

July 1, 1994

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Announcements

Congratulations to Ervin Oelke who has been selected to receive the 1994 Agronomic Extension Education Award. The award will be presented to him at the ASA Banquet which will be held on November 16, 1994 in Seattle, WA.

Congratulations to Robb DeHaan who has been selected to receive a Doctoral Dissertation Fellowship from the Graduate School for 1994-95. Robb's Ph.D. thesis title is "Evolution and Development of Annual Medicago Species for Integration into Corn and Small Grain Systems."

A farewell coffee will be held for Tabare Abadie on Friday, July 8 at 10:00 a.m. in 306 Borlaug Hall. Tabare and Marta have completed their Ph.D.'s and will be returning to Uruguay in July. Plan to come and bid them farewell.

The University of Minnesota Insect Collection, with 2.8 million specimens, and 42,000 species ranks among the top eight university-based collections in North America. Besides Minnesota specimens, the collection includes exotic insects from Costa Rica, Malaysia, Bolivia, Ecuador, Peru, French Guiana and many other places throughout the world where staff entomologists traveled on research expeditions. Tours of the museum will be held this summer, every Thursday afternoon and Friday morning. Tours by reservations only. Please call the Entomology Department at 624-3636 for more information.

The department has purchased a new laminating machine. Please ask Marilyn Hole if you have any questions about operating the machine.

Northwest Airlines has just announced it will offer tickets at a ten percent discount for people 62 and over.

Monday, July 4 is Independence Day. The University of Minnesota will be closed.

Off-Campus housing service is now open in the St. Paul Office for Student Affairs in 190 Coffey Hall. This service is available until September 23. Trained staff can assist you with any questions or concerns regarding both on- and off-campus housing. Please call 625-9225 for more information.

Charles Burnham is wondering if anyone has seen a small box containing USDA field books of Chestnut Breeding Research. Please let Lynne or Ron Phillips know if you have seen it.

A theft has been reported, occurring in the early afternoon of June 27, from an office on the fifth floor of Borlaug Hall. LOCK your offices when you leave them, even for a few minutes.

Summer Station Day will be held at West Central Experiment Station in Morris on Thursday, July 14 from 7:30 a.m. to 12:30 p.m. Continuous tours will be held until 11:15 a.m. Coffee will be available in the Farm Shop all morning.

The Humphrey Institute presents a rare Midwestern appearance by Albert Reynolds, Prime Minister of the Republic of Ireland. He will present "A Charter for Peace and Reconciliation in Ireland: The Joint Declaration with the British Prime Minister." The event will be held on Tuesday, July 12 at 12:00 noon in Ted Mann Concert Hall, Minneapolis Campus. To reserve free tickets, call 625-6688.

Greenhouse Notes

Another reminder that fluorescent bulbs are hazardous material and should not be stored in the greenhouses, old or new.

Pesticide applicators: DON'T forget to post your notices when making a chemical application in the greenhouse.

Don and Ed will have kittens to give away in a couple of weeks. Please call 5-0250 if you are interested.

POSITION ANNOUNCEMENTS
(Posted in notebook in 411 Borlaug Hall)

COLORADO STATE UNIVERSITY

Head, Department of Rangeland Ecosystem Science. Five year term.
Closing Date: July 31, 1994

KERR CENTER

Forage Specialist. Required to have B.S. or M.S. degree in Agronomy or Soil Science.
Closing Date: July 31, 1994

UNIVERSITY OF MINNESOTA

Assistant Education Specialist, Teaching Opportunity Program for Doctoral Students (Two positions available). Six-month appointments.
Closing Date: July 5, 1994

NEBRASKA SUSTAINABLE AGRICULTURE SOCIETY

Executive Director/Project Leader. Salary - \$24,000-\$26,000.
Closing Date: August 1, 1994

Western Project Organizer/Leader. One-half time. Salary - \$10,000-\$12,000.
Closing Date: September 1, 1994

UNIVERSITY OF NEBRASKA-LINCOLN

Extension Educator. Non-tenured position, 12-month. M.S. degree required.
Closing Date: August 1, 1994

OKLAHOMA STATE UNIVERSITY

Head, Department of Agricultural Education, Communications, and 4-H Youth Development.
Closing Date: September 15, 1994

THE TEXAS A&M UNIVERSITY SYSTEM

Postdoctoral Research Associate (Plant/Soil Ecologist), Agricultural Experiment Station. Funded for maximum of four years.

Postdoctoral Research Associate (Forages), Agricultural Experiment Station. Funded for maximum of four years.

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Assistant/Associate Professor - Environmental Soil Chemistry. Tenure-track, 12-month position.
Closing Date: September 1, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
July 8, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

ANNOUNCEMENTS

There will be a faculty meeting on Monday, July 11 at 1:00 p.m. in 306 Borlaug Hall.

Is anyone going to North Central ASA meetings in August? If so, let's coordinate rides, etc. Contact Scott Reuss in 313 Hayes Hall or 5-8759.

Happy hour is here again! Join us for a happy hour in the secret garden on Friday, July 15 after work. Expect standard beer, pop, snack fare. Sponsored by the Grad Club.

The 1994-95 St. Paul White and Yellow Pages will be delivered on Tuesday, July 26. One new St. Paul phone book will be left for every old St. Paul phone book left for recycling. Please bring your old phone books to 411 Borlaug Hall by 8:00 a.m. on July 26 and sign up for your new phone books.

The University of Minnesota Men's Athletic Department is offering discounted tickets to all of the Big Ten home games. Their goal is to unite the University staff, faculty, and students by getting at least one group from each department to a game. Friends and family are welcome! Forms are posted on the bulletin board outside 411 Borlaug Hall if you would like to order tickets.

There is vanilla ice cream in 302 Borlaug Hall left over for anyone who would like some. Help yourself.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Farm Advisor-Vegetation Management (Weed Science), Division of Agriculture and Natural Resources.

Closing Date: September 23, 1994

UNIVERSITY OF MINNESOTA

Acting Director, Center for 4-H Youth Development, Minneapolis Campus, temporary position from September 16, 1994 to September 15, 1995.

Closing Date: July 22, 1994

NORTH DAKOTA STATE UNIVERSITY

Director of Extension Service and University Outreach, twelve-month.

Closing Date: August 15, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

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July 15, 1994

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Sympathy

Kathleen Storey's father Frank Foley passed away on Wednesday, July 13. The visitation will be held today in Heron Lake. The department has sent flowers.

Dr. Russell Adams, Professor Emeritus of the Soil Science Department, passed away yesterday at United Hospital. A notice will be in the Minneapolis Star & Tribune and the St. Paul Pioneer Press this weekend.

A message was received from Ir. Agro. Eugene Rurangwa, Professor at UNR-Agronomy: "Escaped the massacre in Rwanda early, but unfortunately my wife was killed. Dr. Kamanzi and his family have been able to escape to Bukavu and can be contacted by telephone in Burundi. The person in Burundi will be able to contact him as soon as he gets the call or FAX. If there is anyway a group of people can rescue them, this is the time since they have escaped with nothing." Abdul Kamanzi is a former graduate students from our department. He can be reached by contacting c/o J. Chrysostome Nkubio, FAX 011-257-221-642, Telephone 011-257-292-827.

Announcements

Grants Received by Departmental Faculty:
Conservation Tillage Bioeconomic Model Development, Donald L. Wyse and Liz Stahl, Agricultural Utilization Research Institute, \$32,810 - 03/01/94-03/01/96.

Annual Medics - Weed Smother Crops, Craig C. Sheaffer, Michael A. Schmitt, and Gyles Randall, Agricultural Utilization Research Institute, \$38,270 - 03/01/94-02/28/96.

Development and Utilization of an Oat Transformation System, David A. Somers, Quaker Oats Company, \$80,000 - 01/01/94-12/31/95.

Dr. Neil Anderson has accepted the position as Head, Department of Plant Pathology.

The 1994-95 St. Paul White and Yellow Pages will be delivered on July 26. One new phone book will be left for every old book left for recycling. Please bring your old phone books to 411 Borlaug Hall and sign up for your new phone book.

The Grad Club will have a happy hour today after work in the secret garden. Beer, pop, and snacks will be provided.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CONNECTICUT
Associate Dean and Associate Director for the Cooperative Extension System, College of Agriculture and Natural Resources.

Closing date: July 28, 1994

UNIVERSITY OF MINNESOTA
Research Associate, Department of Biochemistry, Medical School. Annual renewable position at 100%. Candidates must have a Ph.D. in chemistry.

Closing date: July 18, 1994

UNIVERSITY OF NEBRASKA-LINCOLN
Greenhouse Specialist, B.S. in Horticulture, Agronomy or related field.

Closing date: July 29, 1994

NORTH DAKOTA STATE UNIVERSITY
Director of Extension Service and University Outreach.

Closing date: August 15, 1994

PENNSYLVANIA STATE UNIVERSITY
The Maurice K. Goddard Endowed Chair in Forestry and Environmental Resource Conservation. Three year appointment.

Closing date: August 1, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

July 22, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Thank you to the department for the beautiful flowers at my Dad's funeral. My family and I really appreciated that. Thank you to all the people who have sent cards and kind words, too.

Kathleen Storey

Congratulations to Beth and Frank Schreiber on their new baby boy born on Thursday, July 21. Thomas Oliver weighed 6 lbs. 13 oz. and was 19" long.

Emeritus Professor Bob Robinson received the Sunflower Gold Award from the National Sunflower Association at their summer seminar in Detroit Lakes last week. Congratulations.

Congratulations to Scott Erickson and Mark Galatowitsch who were elected for a two-year term to serve on the Civil Service Liaison Committee. The committee serves as Liaison between the Civil Service/USDA support staff and department administration. Marilyn Hole and Pam Altermatt are currently serving on the committee until July 1995.

The Annual Corn Feed will be held on Wednesday, July 27 at 12:00 noon in 306 Borlaug Hall. The cost is \$2.00. Two hot dogs per person and as much corn as you can eat. Coffee and lemonade will be served along with cucumbers and tomatoes. All Agronomy personnel are invited.

The new editor for the WSSA Newsletter is:

David Shaw
Soil and Plant Science Department
Mississippi State College
Box 9555
Mississippi State, MS 39762

Educational Field Day will be held at Staples on Thursday, August 11 from 8:30 a.m. to 2:30 p.m. A number of commercial exhibitors will be present with their equipment and products. Various agencies and organizations will display posters and staff booths to answer your questions and discuss their programs. Tours will be held until 1:30 p.m.

A fourth grade teacher at River Falls, WI is developing a project in which his students will e-mail messages to various individuals who work in agriculture related fields (supplies, production, processing, marketing, research, education, etc.). The students will ask questions related to agriculture. Chuck McGill would like a list of e-mail addresses of individuals who would be willing to receive and briefly answer such messages from his students. If you are willing, please send your e-mail address to Chuck.R.Mcgill@uwrf.edu. Thank you.

Greenhouses for Genetic Engineering
Dr. Cheryl Fox, of the Plant Protection Unit, Minnesota Department of Agriculture, will be visiting the Department of Agronomy and Plant Genetics at 1:00 p.m., Wednesday, August 3. She will provide information about requirements for growing genetically engineered plants in greenhouses. She also will inspect specific greenhouses to determine what changes are needed to comply with current state/federal guidelines. The meeting is informal. If you want to be included and/or have a specific greenhouse inspected, please notify Burle Gengenbach by August 1.

Research Seminar

Joel Ransom (CIMMYT-Kenya), Control of *Striga* in a Maize Based Cropping System. The seminar will be held on Thursday, July 28 at 10:00 a.m. in 306 Borlaug Hall. Candidate for Lamberton Cropping System Agronomist position.

Reminder

To all staff, grad students, and student workers using the shelf dryers and walk-in dryers in the threshing room, and the shelf dryers in the Seedhouse:

Samples should be removed within seven days and absolutely removed by the tenth day.

Any samples that are NOT removed after ten days will be removed and stored for two more weeks. If no one claims them in this time period, they will be thrown out.

Also, make sure the sign in sheets on the dryer doors are filled out correctly. Make sure you designate the shelf number your samples are on.

Thank you for your cooperation. For further questions, call Mike at 4-5395.

Condo for visiting faculty/staff

Available: August - August

COMPLETELY FURNISHED!!!

Luxury one bedroom, downtown Minneapolis on the Greenway. Large living area, two bathrooms. Completely furnished, underground parking, and secure building. Health club, laundry, park with lake and many arts nearby.

Sue A. Shepard

612-333-8400

To Give Away

Don & Ed's kittens. We have four of the cutest kittens you have ever seen, but then that is what all proud parents think. Call us at 5-0250.

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY

Assistant County Agent, Alabama Cooperative Extension Service. B.S. degree in Agricultural Science.

Closing date: July 29, 1994

UNIVERSITY OF CALIFORNIA

Director -- Office of Facilities Planning and Management (OFPM)/Research and Extension Centers (REC), Division of Agriculture and Natural Resources.

Closing date: September 30, 1994

UNIVERSITY OF IDAHO

Research Support Scientist, Plant, Soil and Entomological Sciences. Requires M.S. in plant science.

Closing date: July 29, 1994

KANSAS STATE UNIVERSITY

Half-time Graduate Research Assistant in Soybean Breeding and Crop Production, Department of Agronomy.

Closing date: December 2, 1994

OREGON STATE UNIVERSITY

Assistant Professor, Associate Professor, or Professor, Department of Horticulture. Permanent, full-time, tenure-track position.

Closing date: November 1, 1994

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

Senior Vice President and Provost.

Closing date: August 15, 1994

UNIVERSITY OF WYOMING

Weed or Crop Ecologist, Department of Plant, Soil, and Insect Sciences. Ph.D. in Agronomy or related discipline. Temporary - 2 years, 9-month appointment.

Closing date: September 1, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
July 29, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

We were recently notified by Dr. E.F. Infante, Senior Vice President for Academic Affairs and Provost that Lee Hardman was selected as a Fellow in the Committee on Institutional Cooperation (CIC) Academic Leadership Program for 1994-95. Member schools of the CIC are the Big Ten Universities and the University of Chicago. This program provides opportunities for the fellows to develop leadership and management skills. Fellows are expected to participate in all aspects of the year-long program, including attendance at two 2 1/2 day seminars, preparing for each seminar by reviewing assigned materials or case studies, consulting with other academic leaders at the University and engaging in relevant campus administrative activities (e.g. U Senate, faculty councils, and policy maker activities). The first seminar will be at Michigan State University in late October and the second at Penn State University in early April. Dr. Infante stated that he selected Dr. Hardman and the three other U of M Fellows from a large group of excellent nominations of tenured faculty/administrative staff who have demonstrated leadership potential in their university administration assignments or through significant leadership positions. Congratulations!

Four undergraduates from our department were included on the Dean's List for Spring Quarter 1994: Timothy Lundeed, Christina Sonterre, Cael Sprute and James Walker. Congratulations.

Dr. Mark Brenner has been appointed as Acting Vice President for Research and Acting Dean of the Graduate School and assumed duties as of July 16.

Special thanks to the Corn Project and the office staff for their help in the Corn Feed.

Please return all car keys to 408 Borlaug Hall when you are done with the vehicles. All of the keys are missing.

Agro 8030

Agro 8030, "Mode of Action of Herbicides" will be given for the last time this fall. The class is scheduled for MWF at 9:00-10:25 a.m. from September 23 until November 2. If you are interested in taking this course, please contact John Gronwald.

Northrup King

Mark your calendars for two upcoming events sponsored by the Northrup King Development Committee:

Agroecology Symposium will be held on Wednesday, September 7 beginning at 9:30 a.m. in 335 Borlaug Hall. We have invited several exciting guest speakers including Dave Tilman, Paula Bramel-Cox, Dave Mortenson, Matt Liebmann, Cornelia Butler Flora, and Dale Mills. Everyone is welcome. It should be a very stimulating day.

Procrastination and Play Seminar. Either the afternoon of Monday, October 10 or the morning of Tuesday, October 11. Loren Broadus with the Lexington Theological Seminary, Lexington, KY, will be on campus to offer his seminar workshop on Procrastination and Play. He conducted this workshop at the 1993 Minnesota Extension Service Annual Conference to a standing room only crowd. His widely acclaimed workshop details the conscious and unconscious use of procrastination in the workplace and in relationships. We will offer two identical, three hour seminars to allow more group participation. Watch your mailboxes for more information. If you have any questions about either of these events or if you have suggestions for the Northrup King Development Committee please contact a committee member: Roger, Carroll, JoAnn, Sue, Ed, Lynne, Phil or Robb. Thanks.

NOTE DATE CHANGE:

Greenhouses for Genetic Engineering
Dr. Cheryl Fox, of the Plant Protection Unit, Minnesota Department of Agriculture, will be visiting the Department of Agronomy and Plant Genetics at 1:00 p.m., Thursday, August 4. She will provide information about requirements for growing genetically engineered plants in greenhouses. She also will inspect specific greenhouses to determine what changes are needed to comply with current state/federal guidelines. The meeting is informal. If you want to be included and/or have a specific greenhouse inspected, please notify Burle Gengenbach by August 3.

Possible Grant Funding Sources

The Alternative Agricultural Research and Commercialization (AARC) Center invites applications for project funding that will produce an industrial (nonfood, nonfeed, nontraditional fiber) product or process that uses an agricultural (traditional or new crop, forest, or animal byproduct) material. Pre-proposals are due no later than September 30, 1994. See Jeanne for details.

Airfares

Daisy Travel is offering special fall sale fares for travel between August 15 to December 14, 1994. The savings are up to 40% off. This is for tickets issued by August 2. Daisy Travel is offering tickets for \$344.00 to the ASA meetings in Seattle, WA. Please call 481-1404 for more information.

Research Seminar

Paul Porter, Canola Production in Southeastern United States. The seminar will be held on Wednesday, August 3 at 10:00 a.m. in 306 Borlaug Hall. Candidate for Lamberton Cropping System Agronomist position.

Franklin Planner Users

A new Franklin Quest store has opened in Rosedale, on the second level next to Carson Pirie Scott.

Phone Books

St. Paul White and Yellow Pages are available in front of 411 Borlaug Hall. Help yourself.

POSITION ANNOUNCEMENTS
(Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY

Research Assistant, Department of Agronomy and Soils, Two-year grant project.
Closing date: September 1, 1994

UNIVERSITY OF CALIFORNIA

Area Farm Advisor - Dairy. Position headquartered in San Joaquin County. A Master's Degree is required in dairy or animal science.

Closing date: September 8, 1994

Rice and Winter Cereals Farm Advisor, Northern Sacramento Valley.

Closing date: September 16, 1994

Environmental Issues/National Resources Advisor, San Bernardino and Riverside Counties.

Closing date: September 16, 1994

UNIVERSITY OF IDAHO

Graduate Research Assistantship, Department of Plant, Soil and Entomological Sciences.

IOWA STATE UNIVERSITY

Field Research Manager, Department of Agronomy. M.S. degree in Agronomy with five years of experience.

Closing date: August 16, 1994

UNIVERSITY OF KENTUCKY

Associate Professor in Plant Biochemistry / Assistant Professor in Tall Fescue Genetics, Department of Agronomy. Tenure-track, 12-month appointment.

Closing date: August 31, 1994

UNIVERSITY OF MASSACHUSETTS

Assistant/Associate Professor in Nursery Production and Landscape Ecology, Department of Plant and Soil Sciences. Tenure-track, nine-month position.

Closing date: October 31, 1994

UNIVERSITY OF MINNESOTA

Associate to the Dean, Institute of Technology. B.A. degree required with experience in finance or personnel administration.

Closing date: August 5, 1994

NORTH CAROLINA STATE UNIVERSITY

Assistant or Associate Professor in Turf Management and Physiology, Department of Crop Science, Teaching - 75%, research- 25%.

Closing date: September 1, 1994

OKLAHOMA STATE UNIVERSITY

Associate Director, Division of Agricultural Sciences and Natural Resources.

Closing date: September 30, 1994

PIONEER HI-BRED INTERNATIONAL, INC.

Germination Research Project Manager. Ph.D. in plant physiology with postdoctoral training experience preferred.

Closing date: August 31, 1994

SANDOX AGRO, INC.

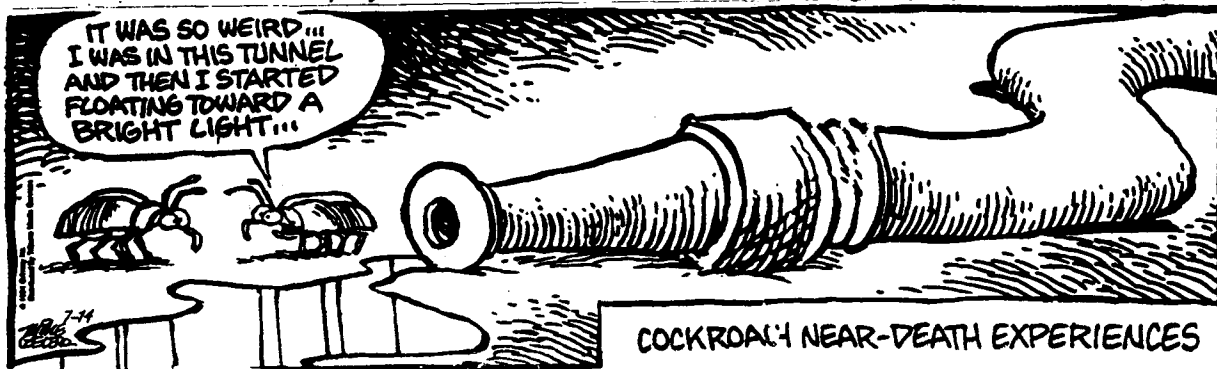
Postdoctoral, Two-year term. Ph.D. in Chemistry. High salary.

UNIVERSITY OF WISCONSIN-EXTENSION

Agricultural Agent in Brown County. Master's degree required.

Closing date: September 6, 1994

Mother Goose & Grimm / By Mike Peters



Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
August 5, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Welcome to Matthew McNearney, Research Plot Technician, working on the Soybean Project with Dr. Orf. He started August 3.

The Minnesota Agricultural Experiment Station Resources Coordinating Team (RCT) is soliciting topics for a series of safety seminars to be held later this academic year. The RCT will invite speakers based upon your input. These topics can relate to laboratory, field plot, greenhouse, office, or vehicle safety. All seminars will be held in larger lecture rooms, to be announced, on campus. Please contact RCT members below with your ideas:

Dann Adair 625-3779
danna@puccini.crl.umn.edu

Mike McClellan 624-5395
mccle004@maroon.tc.umn.edu

Roger Meissner 624-3631
meiss003@maroon.tc.umn.edu

Tom Warnke 625-1228
warnk001@staff.tc.umn.edu

Ph.D. Thesis Defense/Farewell Coffee

Todd Krone will defend his Ph.D. thesis on Wednesday, August 17 at 9:00 a.m. in 306 Borlaug Hall. The title is: Genetic analysis and breeding for kernel methionine content in maize.

A farewell coffee for Todd Krone is scheduled for Thursday, August 18 at 10:00 a.m. in 306 Borlaug Hall. Todd has accepted a position with ICI Seeds in Iowa.

Plant Breeding Graduate Students

Plans for this year's Eighth Annual Summer Plant Breeding Tour are now being finalized. I will be happy to answer any questions about the tour. The tour will be August 24-26 (two nights on the road). Lodging and transportation will be provided by the Department. Students will be responsible for their meals – some meals may be volunteered at tour stops. The tour will be restricted to 17 people plus myself. If demand is greater than 17, then the following priority will be implemented. Students participants in Agronomy 5310; Grad students who have not participated previously; Grad students who will not be here for future tours; All other graduate students. Please contact me or Jean Swanson by August 16 to ensure being included on the priority list.

Deon Stuthman

POSITION ANNOUNCEMENTS (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA
County Director, Division of Agriculture and Natural Resources, Cooperative Extension.
Closing date: September 30, 1994

INTERNATIONAL RESOURCES GROUP, LTD.
Field and Regional Representatives for U.S. Agency for International Development (AID) funded project. Need M.S. degree and experience in Africa.

LOUISIANA STATE UNIVERSITY
Chancellor, University Agricultural Center.
Closing date: August 31, 1994

UNIVERSITY OF MINNESOTA
Science Writer for the Pesticide Applicator Training Program, Extension. B.A. or B.S. in scientific and technical communication.
Closing date: August 29, 1994.

MIN
Ag 865

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
August 12, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

The College of Agriculture is one of two colleges being featured in the University of Minnesota's display in the Education Building during the State Fair. Each department in the college has been offered a day to feature activities of their faculty. Our department has been scheduled on Saturday, September 3. Our exhibit will be set up and staffed from 9:00 a.m. to 9:00 p.m. on that day. Drs. Crookston, Hardman and Gengenbach have developed an interesting display dealing with transformation and genetic manipulation of crop plants.

There is still room to sign up for the Summer Plant Breeding Tour. The tour will be August 24-26 (two nights on the road). Lodging and transportation will be provided by the department. We will go beyond class roster. Please see Jean Swanson or Deon Stuthman.

Dr. Vern Cardwell went to a conference on "bottle biology," the use of short hip-cycle plants in lab experiments. He brought back several sources of information with innovative ideas. If you would like to see them, please check with Lynne in 302 Hayes Hall.

A number of reprints will be available in the library on Monday, August 15 from Laddie Elling. Please help yourself.

Dr. Charles Burnham has three paintings at his residence that his daughter painted for him. He has invited anyone interested to come and see them.

Dr. Hirofumi Yoshioka is a visiting scientist in the Department of Plant Pathology. He wishes to buy a four-door, compact or sub-compact car with automatic transmission. He can afford approximately \$3,000. He will be in Minnesota for about 18 months. If you have any suggestions or know of an automobile for sale, please contact him in 117 Christensen Lab or Carroll Vance at 5-5715.

The dates for the 1994 Minnesota State Fair are Thursday, August 25 through Monday, September 5. During this time access to the St. Paul Campus will be restricted during off working hours and weekends. The purpose of the restrictions during fair week is to provide a safe environment for the campus and the University Community. The following is a list of streets and access points that will be closed. The gates will be locked by the U of M Police Department at 6:00 p.m. and opened at 6:00 a.m. each day. These gates will remain locked on weekends and holidays.

Street Intersections closed during off work hours:

- Larpenteur and Gortner
- Gortner and Commonwealth
- Roadway between Ag. Engineering and COB
- Boyd and Commonwealth
- Folwell and Cleveland

Use Folwell and Cleveland Avenue to access to campus during off hours. This gate will be attended by an individual authorized to allow access only to those showing a valid University of Minnesota I.D.

Buford Avenue, in front of the Student Center, will continue to serve as the exit from Campus. If you have any questions, please call Captain Troupe at 624-3550 or Tom Kidd at 624-4005.

Grant Information

The IPM Competitive Grant Program for 1995 has been received. A letter of intent is due October 21 with full proposals due November 18, 1994. See Jeanne for guidelines and forms.

Grant Received: Corn Management Research, Dale R. Hicks and William Lueschen, Minnesota Corn Growers Association, \$90,000 - 11/30/93-12/31/96.

Reminder

To all staff, grad students, and student workers using the shelf dryers and walk-in dryers in the threshing room, and the shelf dryers in the Crops Services Building (Building 389):

Samples should be removed within seven days and absolutely removed by the tenth day. Any samples that are not removed after ten days will be removed and stored for two more weeks. If no one claims them in this time period, they will be thrown out. Also, make sure the sign in sheets on the dryer doors are filled out correctly. Make sure you designate the shelf number your samples are on. Thank you for your cooperation. For further questions, call Mike at 4-5395.

Campus Mail reminds everyone to use complete addresses (name, department, room number, official building abbreviations). Incomplete addresses will usually delay mail for several days.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Director, Office of Facilities Planning and Management/Research and Extension Centers.
Division of Agriculture and Natural Resources.

Closing date: September 30, 1994

COLUMBIA UNIVERSITY

Vice President and Dean of the Faculty of Arts and Sciences.

INTERNATIONAL INSTITUTE OF TROPICAL AGRICULTURE

Soil Physicist; Agronomist; Agroecologist; Soil Chemist; Farming Systems Agronomist.

Closing date: September 15, 1994

LOUISIANA STATE UNIVERSITY

Assistant/Associate Specialist in Energy and Youth Engineering Programs. Funded through December 31, 1994.

Closing date: August 24, 1994

UNIVERSITY OF MINNESOTA

Program Director for Course Development, Department of Independent Study.

Closing date: September 8, 1994

UNIVERSITY OF MISSOURI-COLUMBIA

Extension Assistant Professor, Department of Agronomy. Tenure-track, 100% extension.

Closing date: October 21, 1994

OKLAHOMA STATE UNIVERSITY

Associate Director, Agricultural Experiment Station.

Closing date: September 30, 1994

WESTERN ILLINOIS UNIVERSITY

Chairperson, Department of Agriculture.
Administrative experience desirable.

Closing date: October 1, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
August 19, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to Jacob Eta-Ndu and Todd Krone who passed their Ph.D. defenses this week.

The College is still in need of a civil service representative for the College of Agriculture Curriculum Committee. If anyone is interested, please contact Elise Forrette at 624-4212.

There is a faculty meeting on Monday, August 22 at 1:00 p.m. in 306 Borlaug Hall.

A wallet was stolen yesterday afternoon from Hayes Hall. Make sure you lock your office doors when you are away for even a short time.

Reminder that various University parking lots will be closed during the State Fair (August 25 through September 5). On the St. Paul Campus, Lot 104 (Earle Brown Center) and Lot 108 (Fairgrounds Lot) will be closed today until September 9. Students and staff may park in Lot 101-Cleveland and Commonwealth and Lot SC175-Dudley and Cleveland for \$1.50 per day, and by showing your University of Minnesota I.D. card.

If anyone is interested in mentoring students in the middle schools, please contact Larry Smith at 5-2778.

Welcome

Welcome to two new Research Associates, Joseph Yenish and Hirofumi Yoshioka. Dr. Yenish is working with Roger Becker and Dr. Yoshioka is working with Carroll Vance.

Welcome to two undergrad students from the Netherlands studying with Carroll Vance. Robert Roeven and Martyn van de Mortel.

Welcome to new Research Assistant, Jose Dominquez, to the Agronomy Graduate Program.

Possible Funding Sources

North Central Regional Center for Rural Development (1995). Deadline date for pre-proposals is October 1, 1994. Complete proposals are due January 1, 1995.

Sustainable Agriculture Research and Education (SARE) and Agriculture in Concert with the Environment (ACE). Deadline date for pre-proposals is September 16, 1994. Full proposals are due January 23, 1995. See Jeanne for details and grant forms.

POSITION ANNOUNCEMENTS

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Administrative position, Department of Extension Classes.

Closing date: August 19, 1994

UNIVERSITY OF NEBRASKA-LINCOLN
Research Technologist I, Department of Agronomy.

Closing date: September 2, 1994

NORTH CAROLINA STATE UNIVERSITY
Assistant Professor, Extension Specialist, Department of Crop Science.

Closing date: October 31, 1994

THE OHIO STATE UNIVERSITY
Research Associate, Department of Agronomy. Available immediately.

PENNSYLVANIA STATE UNIVERSITY
Professor and Head, Department of Agronomy.

Closing date: December 15, 1994

TEXAS A&M UNIVERSITY
Postdoctoral Research Associate, Soil and Crop Sciences Department.

Closing date: October 15, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
August 26, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Dear Friends of Abdul and Enatha Kamanzi:

We expect that all of you who know Abdul Kamanzi and his family (wife Enatha, son Malik, and daughter Nadia) have followed with deep anguish the horrible events that have unfolded in Rwanda over the past four months. It was with great relief that we learned several weeks ago that the Kamanzi's had survived and managed to escape to Bukavu, a small Zairian town on the Rwandan border at the southern end of Lake Kivu.

In late July, we received word from Enatha's sister who escaped to Belgium that the family's situation was desperate, and that they were looking for opportunities to work and live outside the region until peace and stability are re-established. After many frustrating and unsuccessful attempts to communicate with Abdul, he was finally able to get a call through to Jean Marie Akayezu here in St. Paul and confirmed their need for help.

Fortunately, because of Abdul's skills and the quality of the Ph.D work which he completed in 1992, his home department at the University of Minnesota (Agronomy & Plant Genetics) has offered him a one-year Postdoc to conduct follow-up research with his advisor Bob Stucker.

Although his postdoc stipend could cover his own transportation, Abdul would be hard pressed to afford to bring his family. Because of the importance of keeping his family together, especially in the dangerous circumstances prevailing in and around Rwanda, we would like to help Abdul by providing airplane tickets for his wife and two children. Depending on the kind of tickets, this could cost between \$4500 and \$7500.

We would appreciate any financial contribution you could make towards this effort. Please make your check payable to St. Paul's Episcopal Church which has graciously agreed to collect these donations, and send it to the attention of Reverend Richard L. Matthews, St. Paul's Episcopal Church, 1917 Logan Avenue South, Minneapolis, MN 55403 (write "Kamanzi Family" in the memo space of the check). Your gift would be tax deductible. Note that this is not an official UM fund-raising activity. If any or all of this amount is not used, we will return your check or forward it to the Rwandan relief agency of your choice.

If we are successful in bringing the Kamanzi's back to Minnesota, they will likely need some apartment furnishings and, perhaps most important of all, comfort and friendship. Please let us know if you can help. Many thanks for your gifts and prayers.

Steve and Liz Clarke
1780 Lochaven Drive
Woodbury, MN 55125
(Tel.: 735-5642)

Bob and Carol Stucker
3316 N. Victoria Street
Shoreview, MN 55126
(Tel. 483-1957)

Addendum from Bob Stucker:

If you prefer, you can give your donations to Lynne Medgaarden and we will deliver the checks to the church. Recent developments lead us to believe that we can get the Kamanzi family out if VISAs can be obtained.

Two coats were left at the June 22 civil service/bargaining unit staff development event which the Institute of Ag and the Ag Experiment Station hosted. (The event was a seminar featuring national motivational speaker Terry Paulson). The coats were never claimed and are here in our office. If anyone thinks one may be theirs, they can contact Peggy, Kathy or Ruth in the Experiment Station at 625-4211. Thank you.

Everyone is invited to a picnic at the Rosemount Experiment Station on Wednesday, August 31 at 1:00 p.m. Please sign up in 411 Borlaug Hall by Friday, August 26. The sign up sheet is on the front desk.

The Department of Environmental Health and Safety offers an on-line Material Safety Data Sheet service. It is currently available only on the Macintosh. For more information, contact Marty Davis at 6-2103 or davi0111@cassandra.dehs.umn.edu or Dann Adair in Plant Pathology.

Position Announcements
(Posted in notebook in 411 Borlaug Hall)

THE UNIVERSITY OF WESTERN AUSTRALIA
Associate Professor in Plant Breeding,
Department of Agriculture. Fixed-term of five years. Contact Don Rasmusson for any questions about this position.

Closing date: September 16, 1994

MINNESOTA DEPARTMENT OF
AGRICULTURE
Agricultural Technician, Plant Industry Division.
Temporary from September 1, 1994 to June 30,
1995. Salary: \$9.27/hr. A Biological Sciences
background required.

Closing date: August 31, 1994

UNIVERSITY OF MINNESOTA
Senior Level NMR Scientist, Department of
Biochemistry, Medical School, Full Professor
level with tenure.

Closing date: October 15, 1994

Research Associate, Department of
Biochemistry, Medical School, Ph.D. in
biochemistry and two years of training required,

Closing date: September 1, 1994

Word Processing Specialist, Department of
Entomology, St. Paul Campus.

MONTANA STATE UNIVERSITY
Research Associate in Cereal Quality,
Department of Plant, Soil and Environmental
Sciences, Nontenure-track, fiscal year
appointment.

Closing date: October 14, 1994

THE OHIO STATE UNIVERSITY
Research Associate, Department of Agronomy,
M.S. degree in Agronomy required.

Available immediately.

OREGON STATE UNIVERSITY
Assistant/Associate Professor and Extension
Water Quality/Waste Management Specialist,
Department of Crop and Soil Science.

Closing date: September 16, 1994

UNIVERSITY OF WISCONSIN
Agriculture Agent, Cooperative Extension, Tenure-
track.

Closing date: September 26, 1994

Assistant Professor in Small Grains Breeding and
Genetics, Department of Agronomy. Tenure-track,
12-month position.

Closing date: November 15, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
September 2, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Spaghetti Lunch Benefit for the Kamanzi's

As you were made aware of in last week's Gleanings, Abdul Kamanzi and his family were able to escape and survive the horrible events in Rwanda, and are now attempting to move to the U.S. where Abdul has been offered a one-year postdoc in the department with Bob Stucker. They desperately need our help to finance this trip. Therefore, a number of graduate students and friends of Abdul are sponsoring a spaghetti lunch for the Kamanzi's on Friday, September 16 from 11:45 a.m. to 1:00 p.m. in 306 Borlaug Hall to raise funds for the family's trip to the U.S. The lunch will be open to all. Suggested minimum donation for the meal will be \$3.00. Additional donations may be made at the door (make checks payable to St. Paul's Episcopal Church, attention "Kamanzi Family" in the memo space). We are asking for your help in putting this meal together! Sign up sheets will be posted in 411 Borlaug Hall for meal cookers, servers, a cleanup crew, set up crew, and corn crew (if corn is still available). Also, boxes will be set up in 411 Borlaug Hall to collect donations of spaghetti noodles (uncooked please!!), and spaghetti sauces. We will also need volunteers to supply plates (strong styrofoam ones), forks, and knives. We also need BIG KETTLES with utensils to cook the meal in. The day of the event, bring in your extra tomatoes, onions and peppers to spice up the sauces, and breads will be more than welcome! We need your help in doing this. Help bring the Kamanzi's to the U.S.

Announcements

Welcome to Nicholas Jordan, Assistant Professor in our department. His office is 309 Hayes Hall.

Fall Field Days will be held on the following days:

West Central Experiment Station in Morris - Tuesday, September 13;
Southwest Experiment Station in Lamberton - Wednesday, September 14;
Southern Experiment Station in Waseca - Thursday, September 15.

Fall Sheep Day will be held at the West Central Experiment Station at Morris on Saturday, September 10. Registration is at 12:00 p.m. Light refreshments will be provided.

Disability Services (DS) is provided by the University of Minnesota to promote program and physical access for students, staff, and faculty with hidden and visible disabilities. DS offers a wide range of services, free of charge, to all members of the University community:

- Disability documentation
- Information and referral
- Reasonable accommodation assessment
- Academic/work assistance
- Sign language interpreting
- Test accommodations
- Document conversion
- Career development
- Training & consultation
- Support and advocacy

The DS office is located in 190 Coffey Hall on the St. Paul Campus. For more information, call Wendy Brower at 626-9638

The University of Minnesota will be closed on Monday, September 5 for Labor Day.

Position Announcements
(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA, RIVERSIDE
Assistant Extension Plant Pathologist,
Environment Horticulture, Department of Plant
Pathology. Eleven-month appointment.

Closing date: October 1, 1994

IOWA STATE UNIVERSITY
Assistant/ Associate Professor of Agronomy (80%)
with a joint appointment in the Department of
Microbiology, Immunology, and Preventative
Medicine (20%). Tenure-track, 12-month
position.

Closing date: January 15, 1995

UNIVERSITY OF MINNESOTA
Program Coordinator, Center for the
Development of Technological Leadership,
Institute of Technology. B.S. degree required.

Closing date; September 12, 1994

PENNSYLVANIA STATE UNIVERSITY
Postdoctoral position in Genetic analysis of
abiotic stress tolerance traits in tomato,
Department of Horticulture.

Available immediately.

Happily functioning departments are "those supporting 'effective teaching.' It seems that where faculty really care about teaching, other positive elements are also present, such as 'frequent interaction among faculty, tolerance of differences, generational equity...consensus decision-making...[and] a high level of participation in ...departmental work.'" Based on a survey of 300 faculty members from 20 colleges and universities by Massy, Wilger and Colbeck (*Science* 265:1031, 1994).

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

September 9, 1994

MW
9/9/94

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to the A.J. Bussan family! Hailey Eileen Bussan was born on August 29th weighing 7lbs. 3oz. and is 19.5 inches long.

Don't forget!! The Spaghetti Lunch Benefit for the Kamanzi's is Friday, Sept. 16th from 11:45 - 1:00 in room 306 Borlaug Hall. A minimum donation of \$3.00 will be accepted at the door. We still need about 20 boxes of spaghetti and 15-20 more jars of sauce. Volunteers are also needed to help out with cooking, serving, etc. You can sign-up at the front desk in room 411 Borlaug. On the day of the event, bring in your extra tomatoes, onions, peppers and zucchinis to spice up the sauces. We need your help in helping the Kamanzi's. We hope to see everyone there on FRIDAY!

Just a reminder that the 1995 Research Proposals for the Minnesota Wheat Research and Promotion Council are due October 3, 1994.

The Second Annual Kuehnast Lecture Series will be held on Tuesday, October 4th, 1994 at 3:00 p.m. in 335 Borlaug Hall. This year's speaker will be Dr. Paul Waggoner, Director Emeritus and Samuel W. Johnson Distinguished Scientist, Connecticut Agricultural Experiment Station. The title of his talk is "How Much Land Can 10 Billion People Spare for Nature in an Uncertain Climate?" Dr. Waggoner is a leader in the field of biometeorology and was in the formulation of that science. He has contributed to the

study of plant microclimates, energy exchange in plant canopies, and the interaction of weather and pathogens. Formerly, Director of the Connecticut Agricultural Experiment Station for 15 years, he has more recently been a leader in examining the potential impacts of global climate change on agriculture.

Recently, several foreign graduate students have organized the International Agriculture Discussion Group. The group aims to serve as a multidisciplinary forum to raise awareness and educate people on issues and concerns facing international agriculture systems. The group meets bi-weekly on Fridays (2:30-4:30 p.m., 491 Borlaug Hall). If you have any questions call Vergel Concibido at 5-2221 or e-mail: vergelv@puccini.crl.umn.edu.

A symposium, sponsored by the Department of Soil Science, will be held on October 5 in recognition of the career of Dr. Donald G. Baker. It is titled "Five Decades of Thoughtful Investigation and Teaching in Climatology and Meteorology."

Grants Awarded by the Soybean Research & Promotion Council

Genetics of Host and Microbe Affecting Competition for Nodulation of Soybean.
James H. Orf & Michael J. Sadowsky, Soil Science.

Developing Cyst Nematode Resistant Soybeans. James H. Orf & Nevin D. Young, Plant Pathology.

Grants cont.....

Comparison of Transcription from Soybean Protein Genes. Burle G. Gengenbach.

Development of a Biological Weed Control for Soybean. Donald L. Wyse & David R. Johnson.

Soybean Breeding and Genetics Support. James H. Orf.

Funding Sources

•North Central Regional Center for Rural Development

Proposals due 10/1/94

Complete proposals due 1/1/95

•National Research Initiative Competitive Grants Program for 1995

Due dates vary

•(CPBR) Consortium for Plant Biotechnology Research - Energy from Biomass 1995 Competition.

Proposals due 10/3/94

Full proposals due 3/5/95

•(CPBR) Plant Biotechnology 1999 Competition.

Proposals due 10/3/94

Full proposals due 3/5/95

See Jeanne Davy for details on any of the above.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

SOUTH DAKOTA STATE UNIVERSITY
Research Assistant, Soil and Plant Analysis Laboratory, Department of Plant Science.
12-month, 100% time.

Closing date: Oct. 14, 1994, or until filled.

MISSISSIPPI STATE UNIVERSITY
Two Post-Doctoral Research Associates to study Molecular Biology of Fall Armyworm Resistance in Corn & Molecular Biology of Nematode Resistance in Corn.

Available immediately

KANSAS STATE UNIVERSITY

Research Assistant, Department of Agronomy. B.S. required in Agronomy, Entomology or closely related field.

Available immediately

UNIVERSITY OF NEBRASKA LINCOLN

Two-research Assistantships, Department of Agronomy. B.S. or M.S. required in Agronomy, Range Science, Animal Science or related area.

Available January 1, 1995

UNIVERSITY OF MINNESOTA

Research Associate, Department of Biochemistry, Medical School. Two years post doctoral training required.

Closing date: September 13, 1994

Assistant Academic Advisor

Two 12-month academic professional & administrative staff positions, Global Campus.

Closing date: September 21, 1994

Graduate Research Assistant, MN Center for Survey Research. Must be a U of M registered graduate student.

Closing date: September 21, 1994

FOOD & AGRICULTURE ORGANIZATION OF THE U.S.

Senior Officer (Seed and Planning Material Improvements). 3-year term in Rome.

Closing date: September 29, 1994

RICHLAND FERTILIZER, INC.

Management Assistant. Requires an Associate or B.S. degree in the area of Agriculture. Colfax, North Dakota.

Available immediately

MIW
2/29/86

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

September 23, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

THANK YOU!!!! Many thanks to all of those who helped organize and who donated their time in putting on the spaghetti lunch benefit for the Kamanzi's. Also, many thanks to all of those who contributed spaghetti sauces, noodles, bread, napkins, plates, utensils, drink mixes, and fresh vegetables. All the prepared food came from donations. For all of you who attended, also **THANKS!!!!** We were able to raise through donations, a grand total of \$1,014.77, a fantastic amount. We even had some unused sauce and noodles left over, of which were donated to the food shelf. This money will be a great help in getting the Kamanzi's here to safety in the U.S.

Please welcome Dr. Rajanaidu, a visiting faculty member from Malaysia. He will be working with Dr. Phillips for three months. His office is 140 Borlaug Hall (5-8702).

Dr. Gary M. Beil, Sandy, Utah, has been named MCIA President/CEO effective February 1, 1995. He earned his Ph.D. in plant breeding, genetics and statistics at Iowa State University and has held management positions with several seed firms.

Franklin Planner (Jan.-Dec. 95) refill orders are being taken in 411 Borlaug Hall. Sign up in the appropriate column for the size planner you use. New faculty, staff, and graduate students are invited to sign up for the standard Franklin Planner kit. This is a one time purchase for the planner kit with future refills. Franklin Planner costs are being paid from the Northrup King Funds. Any additional accessories can be ordered through individual project funds. See Marilyn when ordering accessory items.

A guitar with no strings and a guitar case was found in 413 Hayes Hall. Please see Marilyn in 408 Borlaug Hall if it is yours.

Meg and Kim have space for one or two more women in their hotel room for ASA in Seattle, Saturday night through Wednesday night (11/12-11/17). If interested in sharing, please contact Meg at 646-3763.

A retirement party will be held for Robert Munter (Associate Professor, Soil Science, and Director, Research Analytical & Soil Testing Laboratories) on September 30 from 3:00 to 5:30 p.m. It will be held on the 3rd Floor Commons in Borlaug Hall and in Room 375. Please join us in honoring Bob for 31 plus years of service as he makes his departure from the University.

Dr. Fred A. Cholick, Head of the Plant Science Department at South Dakota State University, has been named Director of the South Dakota Agricultural Experiment Station effective September 1, 1994. Dr. Dale L. Reeves, Professor of Plant Science and SDSU's oat breeder, has been appointed acting department head.

New addresses:

Dr. Fred A. Cholick, Director
South Dakota Agricultural Experiment Station
South Dakota State University
Box 2207
Brookings, SD 57007-0291
Telephone: 605-688-4149
FAX: 605-688-6065

Dr. Dale L. Reeves, Acting Head
Department of Plant Science
South Dakota State University
Box 2207-A
Brookings, SD 57007-1096
Telephone: 605-688-5123
FAX: 605-688-4602

The Sexual Violence Program, located at 253 Nicholson Hall, will be conducting another Volunteer Sexual Assault Training October 10 to November 7. This training is specifically designed to educate students, staff, and faculty who are interested in being prospective volunteer Sexual Assault Advocates who will be working in the Sexual Violence Program on issues pertinent to working with sexual assault victims/survivors. We are extending an invitation to your department to share this no-cost training opportunity for anyone interested in becoming a volunteer Sexual Assault Peer Advocate. The training is 52 hours in duration and meets every Monday, Wednesday, and Friday from 1:00 to 5:00 p.m. at 140 Nolte Center. See Jeanne for a copy of the training schedule and topics being discussed in the training.

The St. Paul Student Center is offering airport shuttle rides to the airport. Airport shuttle tickets can be purchased at the Union Station (SPSC) for \$11.50 per person one way, pick-up and drop-off at St. Paul Campus. Airport Charter Sedan tickets are \$30.00 per three to four people one way, pick-up and drop-off St. Paul or Minneapolis Campus. Airport Charter Van tickets for five to fourteen people is \$55.00 and pick-up and drop off anywhere in metro area. Call 625-9794 for more information.

Please join the St. Paul Student Service offices located on the first floor of Coffey Hall for an open house on Thursday, September 29, from 1:00 to 3:00 p.m. Refreshments will be provided by Lori's Coffey House. There will also be a drawing for door prizes. They would like to show you the services that are offered to faculty, staff, students, and visitors on the St. Paul Campus. You can learn about student self-registration, ID photos, financial aid, counseling, Boynton Health Service, MAST, etc. Please stop in and ask any questions you may have.

The New Faculty Orientation Program, sponsored by the Office of Human Resources, is scheduled for October 4 and 5. The orientation is for new and returning faculty and teaching assistants. It will be held from 11:00 a.m. to 2:00 p.m. in the Mississippi Room, Third Floor, Coffman Memorial Union. For more information, call Alisha Waller at 627-4327.

Women in Agricultural Science

This informal discussion group meets once every two weeks over the noon hour. The group was formed in 1991 and includes faculty, staff, students and postdocs from the departments of Soil Science, Agronomy and Plant Genetics, and Plant Pathology. Our activities include: guest speakers from within and outside the University to speak about their careers or topics related to women in science; discussion of readings; development of suggestions to our administrators to improve the climate for women in College of Agriculture; and just visiting over lunch. This past year our main efforts were the development of a slide and text program on women in science for an undergraduate audience, and conducting a historical survey of women who graduated with M.S. or Ph.S. degrees from our three departments. This information is currently being summarized. All are welcome to attend our meetings. If you have questions or would like further information, please contact Kate Plaisance at 5-2797. The first meeting of the 94/95 school year will be a potluck lunch on Tuesday, September 27 from 12:00 noon to 1:00 p.m. in Room 491 Borlaug Hall. We will get acquainted and make plans for fall quarter activities. Please bring something to share.

Several undergraduate students are looking for employment. One of the students has work study. If you have any job openings on your projects, please contact Larry Smith at 5-2778. A nonstudent with a degree in plant pathology is also looking for full-time employment now until December. If you have anything available, please call Rita Pasini at 644-8398.

Huzzah!

The Agronomy Grad Club is joining forces with the Soils and Plant Pathology grad clubs to sponsor a behemoth T.G.I.F. festivity on Friday, September 30 at 4:30 p.m. in 306 Borlaug Hall. All are welcome! Plenty O'beer, soda, and snacks will be on hand. Beer drinkers, please help us defray the cost of the malted stuff with a donation.

Greenhouse Reminder

Greenhouse cleanup will be going on the first week of October. The greenhouses are an extension of your labs and should maintained as such. Thank you!!

Pam will be gone Tuesday morning, September 27. Everyone should do their own watering. Thanks!!

Funding Sources

Request for proposals to participate in a research program administered by the Great Plains Regional Center of the National Institute for Global Environmental Change. Letter of intent deadline is October 5, 1994; Proposal deadline is November 15, 1994. See Jeanne for details.

The Cooperative State Research Service (CSRS) of the U.S. Department of Agriculture is soliciting applications for competitive grant awards in agricultural, forest, and related environmental sciences under the National Competitive Research Initiative Grants Program (also known as NRI) for FY 1995. This solicitation appeared in the Federal Register (59 FR 44006, August 25, 1994). Deadline dates vary. See Jeanne for information.

Forum

The International Agriculture Discussion Group will hold a panel discussion on Friday, October 7 from 2:30 to 4:30 p.m. in 110 Green Hall. The topic will be "Rwanda: A Nation in Turmoil." It is sponsored by the Department of Plant Pathology and the Office of International Agricultural Programs. Refreshments will be served at 2:15 p.m. Everyone is welcome.

Useful Quote: Universities are full of knowledge. The freshmen bring a little in and the seniors take none away, and the knowledge accumulates. Abbot Lawrence Lowell, 1856-1943, American political scientist and educator.

Statistic: Number of years since the balanced-budget law was enacted in 1985 that its deficit-reduction targets have been met: 0

Seminars

- September 26 Plant Breeding, Dr. Günther Seitz, Nitrogen Efficiency Under Low Input Conditions, 3:30 p.m., 306 Borlaug Hall.
- September 27 Plant Biological Sciences Colloquium, John Larkin, Genetic Interactions Controlling Trichome Development in *Arabidopsis thaliana*, 3:30 p.m., 335 Borlaug Hall.
- September 30 Plant Molecular Genetics Institute, Evgueni V. Ananiev, Mapping of the *Volvox* genome and getting tightly linked markers to target loci by RAPD and RFLP subtraction, 12:00 noon, 306 Borlaug Hall.

**Position Announcements
(Posted in notebook in 411 Borlaug Hall)**

UNIVERSITY OF CALIFORNIA, RIVERSIDE

Assistant Professor, Botany and Plant Sciences Department. Eleven-month, tenure-track.
Closing date: January 17, 1995

IOWA STATE UNIVERSITY

Executive Associate Dean and Chief Academic Officer, College of Agriculture; and Associate Director,
Iowa Agriculture and Home Economics Experiment Station. Full-time, 12-month position.
Closing date: November 1, 1994

Director of International Programs, College of Agriculture. Full-time, 12-month position.

Closing date: October 1, 1994

KERR CENTER

Forage Specialist. B.S. or M.S. degree in Agronomy required.
Closing date: October 7, 1994

UNIVERSITY OF MINNESOTA

Chancellor--Duluth.

Closing date: October 21, 1994

Chairperson of the Agricultural Management Division-Crookston. Twelve-month, tenured or tenure-track. Three year appointment.

Closing date: September 30, 1994

Student Personnel Worker, College of Agriculture. B.A./B.S. degree required, ten-month appointment.

Closing date: October 14, 1994

UNIVERSITY OF NEBRASKA-LINCOLN

Education Coordinator for 12-state training project in sustainable agriculture. B.S. required in agriculture.

Closing date: October 3, 1994

CENTER FOR RURAL AFFAIRS

Research and Technology Policy Project Leader in Walthill, Nebraska.

Closing date: November 1, 1994

OREGON STATE UNIVERSITY

Graduate Research in Horticulture for M.S. and Ph.D. degrees.

UNIVERSITY OF TEXAS

Assistant Professorship, Department of Botany. Tenure-track.

Closing date: October 7, 1994

VIRGINIA POLYTECHNIC INSTITUTE

Assistant/ Associate Professor of Environmental Soil Chemistry, Department of Crop & Soil Environmental Sciences. Twelve-month, tenure-track with teaching 70% and research 30%.

Closing date: October 8, 1994

UNIVERSITY OF WISCONSIN-EXTENSION

Crops and Soils Agent, Cooperative Extension. Tenure-track.

Closing date: October 10, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
September 30, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Welcome New Faculty Member

Dr. Paul Porter has accepted the position of Research Agronomist at Lamberton. He plans to move his family to Minnesota shortly after the first of the year.

MISA

Welcome to Debra Elias, Program Associate, working for MISA. Debra has a M.S. in ag econ. She previously worked for the Minnesota Department of Agriculture.

Fulbright Scholar

Welcome to Dr. Rida M. Osman, a Fulbright Scholar, who will be working in the laboratory of Maria Gallo-Meagher. Dr. Osman is a Professor in the Department of Agronomy at the Tiskreen University, La Hakia, Syria.

Announcements

Maria Gallo-Meagher is now a full member of the plant breeding graduate faculty. Nevin Young, Plant Pathology, is now an associate member of the plant breeding graduate faculty. Congratulations to both.

The Gopher Crops & Soils Club will sponsored a Hot Dog Feed on Wednesday, October 5 at 5:00 p.m. in Borlaug Foyer. Everyone is invited. Faculty are encouraged to attend. No cost. Come and meet the undergrads.

The Wine and Cheese Get-Together is on Thursday, October 27 from 3:00-5:00 p.m. Mark your calendars. More details will follow.

The College of Agriculture Faculty Assembly meeting will be held on Tuesday, November 1 from 2:00 to 4:30 p.m. in 335 Borlaug Hall.

The computer room combination code will be changed today.

A series of safety seminars for departments in the College of Agriculture are being planned. The first seminar, dealing with office safety and ergonomics, will be held on Tuesday, October 18 at 8:00 a.m. in 335 Borlaug Hall, with a second session on this topic on Wednesday, October 19 at 8:00 a.m. in B25 Classroom Office Building. All faculty, students and staff are required to attend a safety "refresher" session on an annual basis and although this particular session is most appropriate for the clerical staff, anyone can attend. A sign up sheet is located in 411 Borlaug Hall. Other sessions dealing with laboratory safety, worker protection standards training and topics for employees involved in greenhouse growth chambers and field plots will be scheduled through the year. See Jeanne if you have questions.

The Agricultural Experiment Station has set up a contract with Merrick Community Services to use physically and mentally challenged persons to do simple jobs for Agronomy, Horticulture, and Plant Pathology. Merrick specializes in getting physically and mentally challenged people out into the job market. They employ people in our department currently and places such as Target and McDonalds. I have them sweep the public areas of Building 388, threshing room, rack room and the S.E. room, at least once a week. Also, they have done outside work like weeding in non research areas in Horticulture and Agronomy. The crew of four to five individuals comes with a supervisor from Merrick to make sure everything goes well with a minimum of complications and problems. So far, I have received many positive comments on their work. Any project or person, that has a need or ideas on other simple work tasks, please let me know.

Mike (4-5395)

If you were unable to stay at the Agroecology Seminar sponsored by Northrup King, and did not pick up a response form, these forms are available at the front desk in 411 Borlaug Hall. Please return the forms to Roger Becker.

The University of Minnesota has been invited by the Henry Luce Foundation in New York to submit up to three nominees to the competition for the Luce Scholars Program. This program offers young Americans with high leadership ability to spend a year in Asia as professional apprentices under the guidance of leading Asian professionals. Application deadline is November 1.

Franklin Planner (Jan.-Dec. 95) refill orders are being taken in 411 Borlaug Hall. Sign up in the appropriate column for the size planner you use. New faculty, staff, and graduate students are invited to sign up for the standard Franklin Planner kit. This is a one time purchase for the planner kit with future refills. Franklin Planner costs are being paid from the Northrup King funds. Any additional accessories can be ordered through individual project funds. See Marilyn when ordering accessory items.

The Agronomy Grad Club is joining forces with the Soils and Plant Pathology grad clubs to sponsor a behemoth T.G.I.F. festivity TODAY at 4:30 p.m. in 306 Borlaug Hall. All are welcome! Plenty of O'beer, soda, and snacks will be on hand. Beer drinkers, please help us defray the cost of the malted stuff with a donation.

Fall Quarter Grad Club meeting will be held at 4:00 p.m. on Friday, October 7 in 306 Borlaug Hall.

Faculty: Please give Lynne any updated addresses for former graduate students.

Jayanti Suresh would like to sublet her parking spot #SC161 during the month of December. Please call her at 5-1208 if you are interested.

The 1995 Summer Session bulletin will highlight contributions of the U and its faculty over the past 50 years and feature current research that will contribute to a better world in the next 50 years. If you would like your research (past, present, or future) presented, please call Marchet Reeve at 4-5866.

Funding Sources

The Supercomputer Institute provides grants for Research Scholarships for supercomputer research at the University. It also provides travel awards for researchers to present supercomputer research results at conferences, for faculty members to seek external support for supercomputer research, for short-term visits of research collaborators or visiting research scholars to the University to perform collaborative supercomputer research with one or more University faculty. In addition, the Supercomputer Institute Undergraduate Internship Program in Scientific Computing and Graphics promotes and helps support undergraduate involvement in the supercomputer research in all colleges of the University. See Jeanne for details on any of these programs.

The Minnesota Crop Improvement Association grant requests are due December 1, 1994. See Jeanne for details.

Faculty and Supervisors

A change in Workers' Compensation Procedures went into effect on September 15, 1994.

When an injury requiring medical attention occurs, injured employees are to be sent to:

Health Works Northwest
Occupational Medical Center
3033 University Avenue S.E.
Minneapolis, MN 55414

Or to Fairview Riverside Medical Center, Emergency Center, 2450 Riverside Avenue, Minneapolis, MN 55455, if the clinic is closed. Contact Jeanne if you have questions about this new procedure.

Reminder

The Procrastination and Play Workshop sessions are scheduled for Monday, October 10 from 11:30 a.m. to 3:00 p.m. in 306 Borlaug Hall. Pizza and beverages will be served at 11:30 a.m. On Tuesday, October 11 the workshop will be from 9:00 a.m. to 12:30 p.m. Pizza and beverages will be served at 12:00 noon. There is still a few openings left to sign up for the workshop.

Review

It is time to initiate a periodic review of Bill Fenster, Director of International Programs, and Laurie Hayes, Associate Dean for Curricular and Student Affairs. The COA is presently considering nominations for their review committee. Please forward nominations to Shelley Diment (277 Coffey Hall) by Friday, October 7.

Final Seminar and Thesis Defense

Dennis Dolan, Correction of agronomic deficiencies in a long-term recurrent selection population in oat (*Avena sativa* L.), Wednesday, October 5, 9:00 a.m., 306 Borlaug Hall.

Seminars

- October 3 Plant Breeding, Robert Stucker, Statistical applications in Queensland plant breeding programs, 3:30 p.m., 306 Borlaug Hall.
- October 5 Agronomy, Aimin Liu, The morphology and physiology of watermelon [*Citrullus lanatus* (Thunb.) Matsum. & Nakai] transplants under physical or chemical root stress conditions, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Quantitative Geneticist, Department of Botany and Plant Sciences. Eleven-month, tenure-track.
Closing date: January 17, 1995

NORTH CAROLINA STATE UNIVERSITY

Assistant Professor, Department of Soil Science. Twelve-month, tenure-track, 60% extension and 40% research.

Closing date: November 15, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 7, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Thank You

Dear Agronomy Department,

Thank you for the beautiful flowers in celebration of Thomas' birth. We are all doing well, and enjoying every minute together.

Beth, Frank and Peter Schreiber

Announcements

Congratulations to Dennis Dolan who passed his Ph.D. defense.

Congratulations to Kathy Anderson (former USDA secretary) on her new baby boy born on Thursday, September 22. His name is Aaron Bradley.

Grad Club meeting will be held today at 4:00 p.m. in 306 Borlaug Hall.

GREENHOUSES WILL BE CLOSED ON SATURDAYS FOR SPRAYING. NO ENTRY PERMITTED!!

Anyone giving a talk or poster at the ASA meetings should convey this information to Burle Gengenbach by Monday, October 10. Practice/review sessions will be scheduled for later in the month.

Faculty and Graduate Students: We are in need of five judges for the Student Speech Contest at the ASA meetings. The preliminary speech contest is at 3:00 p.m. on Monday, November 14 and the finals are at 7:00 p.m. that same day. It normally takes about two hours as a judge. If you would be willing to serve as a judge - no experience is necessary, please let me know by October 20. Thank you. Larry Smith.

The Wine and Cheese Get-Together is on Thursday, October 27 from 3:00-5:00 p.m. Mark your calendars.

The Land Institute is offering eight student internships in sustainable agriculture beginning February 13 and ending December 8, 1995. Candidates should be upper level undergraduates or college graduates. Deadline is November 1, 1994.

The 1994 World Food Day Satellite Teleconference is on Friday, October 14 from 11:00 a.m. to 2:00 p.m. It will be held at the St. Paul Student Center Theater and the Bell Museum Auditorium on the Minneapolis Campus. Admission is free and open to the public. Water and food is the theme and will be aired from George Washington University in Washington, D.C. The conference reflects widespread concern among experts that both the quantity and quality of water available for human use is increasingly at risk.

The City of Roseville will offer cardiopulmonary resuscitation (CPR) classes this fall. The basic course teaches how to clear obstructed airways and provide breathing support to unconscious victims. Weeknights and weekend classes are offered. Register in person at Roseville Activity Center, 2800 Arona Drive or call 628-0088.

Phil Goldman (Attorney), will present a seminar on the patent process. He will discuss concepts and issues relating to intellectual property and technology transfer from the perspective of the individual researcher/consultant. It will be held on Tuesday, October 25 from 7:30 to 9:00 a.m. at the Radisson Metrodome and on Tuesday, November 1 from 7:30 to 9:00 a.m. in the Earle Brown Center. No charge for the seminar, seating is limited. Call 336-4026 to reserve a spot.

Southeast Asian Ministry presents "An Evening with Howard Mohr" on Saturday, October 15 at 8:00 p.m. It will be held at the E.M. Pearson Theater/Fine Arts Complex, Concordia College. A silent auction will be held at 7:00 p.m.

MW
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Grants Received

Robert Jones - PI
Nordine Cheikh
Ron Phillips

"Mechanisms by Which Heat Stress Disrupts
Maize Corn Development." USDA, Grant
Renewal, \$100,000.

Robert Jones
Beth Schreiber

"Regulation of Corn Cytokinin Level in Heat
Tolerance and Susceptible Maize Lines."
Pioneer Hi-Bred, \$49,000.

Seminars

October 10 Plant Molecular Genetics, Eric Eckwall, Regulation of ThaxtominA production by
Streptomyces scabies, 12:00 noon, 408 Hayes Hall.

Plant Breeding, Michael Martin, Public plant breeding programs: An economist's
perspective, 3:30 p.m., 306 Borlaug Hall.

October 11 Plant Biological Sciences Colloquium, Ron Phillips, Genetic dissection of flowering
time in maize, 3:30 p.m., 335 Borlaug Hall.

October 14 Designing for the Environment, Chris Hanson, Bill Wilcke, Max DeLong,
Electricity from alfalfa, 3:15 p.m., 106 Agricultural Engineering Building.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY

Assistant County Agent, Alabama Cooperative Extension Service. B.A. degree in Agricultural Science.
Closing date: October 14, 1994

UNIVERSITY OF CALIFORNIA

Superintendent/Researcher, Desert Research and Extension Center, Division of Agriculture and
Natural Resources.

Closing date: December 16, 1994

Assistant Professor, Soil Physics/Hydrology, Department of Soil and Environmental Sciences. Tenure-
track, 40% teaching and 60% research.

Closing date: January 1, 1995

COLORADO STATE UNIVERSITY

Assistant/Associate Professor, Environmental Soil Science, Department of Soil and Crop Sciences. Nine-
month, tenure-track, 80% extension and 20% research.

Closing date: January 2, 1995

Extension Specialist in Crop Production, Department of Soil and Crop Sciences. Twelve-month, non-
tenure track.

Closing date: December 15, 1994

DEKALB GENETICS

Assistant Station Manager (Beaman, Iowa). Breeding and field experience with soybeans. M.S. required. Contact Nancy Sebern at 515-366-3703.

ICI SEEDS

Development Agronomist. Work in Minnesota. B.S. or M.S. degree.

IOWA STATE UNIVERSITY

Research Assistantships, Interdepartmental Genetics Program.
Closing date: February 1, 1995

MICHIGAN STATE UNIVERSITY

Two faculty positions, MSU-DOE Plant Research Laboratory. Tenure-track.
Closing date: November 1, 1994

UNIVERSITY OF MINNESOTA

Research Fellow in Water Quality Management, Department of Forest Resources. Two-year position working in water quality management.
Closing date: October 15, 1994

UNIVERSITY OF NEBRASKA-LINCOLN

Professor and Head, Department of Agronomy.
Closing date: December 15, 1994

Graduate Research Assistantship, Department of Agronomy, M.S. or Ph.D. degree.

Date available: January 1, 1995

PIONEER HI-BRED INTERNATIONAL, INC.

Intern Positions, Winter Nursery in Kauai, Hawaii and Salinas, Puerto Rico. Nine-month position.
Closing date: November 15, 1994

Senior Research Associate - Maize Genetics; Post-Doctoral Associate - Molecular Pathology; Research Manager - Specialty Grain Traits.

Field Sales Agronomist, Northwestern Minnesota. B.S. or M.S. degree.

Closing date: October 10, 1994

Male Sterility Field Delivery Breeding - Project Manager. Ph.D. or M.S. in plant breeding.

Closing date: November 8, 1994

UNIVERSITY OF WISCONSIN-EXTENSION

Agricultural Agent, Cooperative Extension. M.S. degree required.
Closing date: October 24, 1994

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

October 17, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Mohamed Oussible is recovering from surgery performed last week at the University of Minnesota Hospital. The cornea transplant which he received five years ago, and with which he has recurring problems, rejected this summer. Mohamed received a second transplant on Tuesday. His surgeon says all went well. Mohamed is in good spirits. He is staying at the home of Ray Allmaras who is USDA-ARS professor in the Department of Soil Science.

Best wishes Mohamed!

Pam Altermatt will be gone Monday and Tuesday, October 17 and 18. All projects must do their own watering.

ASA practice sessions for talks will be held in 408 Hayes Hall at the following times:

Thursday, October 27 from 1:00-2:40 p.m.

Friday, October 28 from 1:00-3:10 p.m.

Wednesday, November 2 from 1:00-2:10 p.m.

Reserve time to attend as many as possible.

The University community has the opportunity this fall to participate in a weeklong, campus-wide blood drive. The dates for the drive are October 31 to November 4. The goal is to collect 1,000 pints of blood from students, faculty, and staff. A single pint of blood can save three lives.

We are looking for a few good people to help install a field experiment on the West Central Experiment Station at Morris, MN. The work will be temporary for two or three weeks beginning the last week of October and requires a commitment of between two and five full days per week. Pay rate is \$7.00/hr with meals, motel, and transportation provided. This is physical, outdoor work which requires digging, using power tools, working with PVC pipe, etc. Call Bill Nord in the Soil Science Department at 625-4242 ASAP if interested.

Two University/K-12 information exchange programs will be held next week. "University/K-12 Information Exchange: Matching Resources and Needs for Professional Development Opportunities in Science for K-12 Teachers," will be held on Wednesday, October 26 from 2:00-4:00 p.m. in the Minnesota Commons Room, St. Paul Student Center. The second program will be "National Science Education Standards: A Teacher's Perspective on Systemic Reform," on Wednesday, October 26 from 4:30-6:00 p.m. in Theater, St. Paul Student Center.

The West Central Experiment Station at Morris has an area which has been in four continuous primary tillage systems (moldboard plow, chisel plow, ridge-till and no-till) since 1984. The last planned study was completed in September of this year. Anyone interested in possibly using the area for future research contact Sam Evans at 612-589-1711 or e-mail him at: evanssd@caa.mrs.umn.edu by October 24.

"Ergonomics: Working Safely and Comfortably in the Office Environment" is the topic of the first safety meeting that will be held on Tuesday, October 18 at 8:00 a.m. in 335 Borlaug Hall and again on Tuesday, October 19 at 8:00 a.m. in 110 Peters Hall. This is mandatory for all personnel who work in an office. This will meet MERTKE training requirements. For any questions, call Mike McClellan at 4-5395.

Career Day '94 for the College of Agriculture will be held on Wednesday, October 26 from 10:00 a.m. to 3:00 p.m. in the North Star Ballroom, St. Paul Student Center.

Maria Gallo-Meagher now has an e-mail address: gallo001@maroon.tc.umn.edu.

National Security Education Program (NSEP) will be holding a meeting on Tuesday, October 18 from 2:00-3:00 p.m. at the Campus Club, Terrance Room. In December 1991, the President of the United States signed the National Security Education Act which provided for the establishment of NSEP and a trust fund to support international research and study abroad for both undergraduate and graduate students. If you are interested in attending, please contact Rita Snider at 626-7144 or e-mail - r-snid@maroon.tcumn.edu.

Beta of Clovia Bazaar will be held Friday, October 21 (10:00 a.m. to 7:00 p.m.), and Saturday, October 22 (10:00 a.m. to 1:00 p.m.). The bazaar will be held at the North Star Ballroom, 2nd Floor, St. Paul Student Center. Holiday items, specialty foods, and crafts will be on sale.

M.S. Thesis Defense Seminar
Steve Wagner, Identification and characterization of nitrate-tolerant dinitrogen fixation in soybean, Friday, October 21, 1:30 p.m., 306 Borlaug Hall.

Women Students and Faculty in COA
The University's Commission on Women will co-sponsor an event on Wednesday, October 19 from 3:30-6:30 p.m. in the North Star Ballroom of the St. Paul Student Center. WISE (Women in Sciences and Engineering) will be introduced and a forum to network and participate in a variety of workshops and activities will be held. Workshop topics include: Organizing a mentoring project in your college or department; Building a WISE team that works well - obstacles and opportunities; Writing successful grants and other funding sources for WISE; Networking via e-mail and WISE electronic networks; Fighting Back(lash). Call 626-8780 to register.

U of M Community Campaign Seeks Your Participation!

Pledge cards were distributed to each of you in the department. Gifts and pledges may be made confidentially (send the pledge directly to Central Payroll or give them to Jeanne Davy). Specific charities may be designated as the recipient(s) of your gift. PARTICIPATION IS ENCOURAGED. Gifts received by November 3 will be credited to the Department.

Seminars

- October 17 Plant Breeding, Nancy Ehlke, Breeding legumes for sustainable agriculture, 3:30 p.m., 306 Borlaug Hall.
- October 19 Agronomy, Vincent Garry, Chemicals in the environment and impact on humans, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY
Assistant Professor, Turi Management (Soils and Environmental Science), Agronomy and Soils Department. Twelve-month, tenure-track.
Closing date: December 1, 1994

UNIVERSITY OF CALIFORNIA
Cotton Agronomist, Department of Agronomy and Range Science.
Closing date: December 15, 1994

UNIVERSITY OF DELAWARE
Assistant Professor, Soil Physics, Department of Plant and Soil Sciences. Twelve-month, tenure-track.
Closing date: December 31, 1994

UNIVERSITY OF FLORIDA
Assistant Professor, Food and Resource Economics Department. Ph.D. in economics. Twelve-month, tenure accruing.
Closing date: December 15, 1994

UNIVERSITY OF MINNESOTA

Assistant Professor, Department of Soil Science. Twelve-month, tenure-track.

Closing date: December 1, 1994

UNIVERSITY OF NEBRASKA-LINCOLN

Research Technologist I, Department of Agronomy. B.S. degree is required.

Closing date: November 4, 1994

NORTH CAROLINA STATE UNIVERSITY

Assistant Professor, Extension Specialist, Department of Crop Science. Extension position is 100%.

Closing date: October 31, 1994

Assistant Professor, Department of Soil Science. Twelve-month, tenure-track, 70% extension and 30% research.

Closing date: December 15, 1994

Assistant Professor, Department of Crop Science. Position is 80% extension and 20% research assignment.

Closing date: November 30, 1994

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate, Soybean Genetics Markers. M.S. degree or B.S. with three-five years experience.

Closing date: November 31, 1994

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 28, 1994



The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resource based upon which agriculture depends.

Announcements

Congratulations to Steve Wagner who successfully completed his M.S. defense.

Please welcome Leann Ticknor to the department. She will be working in the Extension Office.

Abdul Kamanzi and his family are now in the guest house of the American Refugee Service in Nairobi, Kenya. He left Kigoma, Zaire about ten days ago because of security problems, made his way south in Zaire, east across Tanzania, and then north to Kenya. They are in reasonable health but weak. He had his visa interview with U.S. Immigration authorities on Tuesday, October 25 and should clear the war criminals processing within five to seven days of the interview. We still have some scheduling and ticketing problems that cannot be addressed until the visa clearance is completed.

Every Friday during the academic year is Maroon and Gold Casual Friday. Wear your Minnesota T-shirts, sweatshirts, ties, and sweaters. Maroon and gold shows your pride and spirit in the University.

If you have not returned your pledge forms yet, the deadline for receipt of pledges is due in payroll by November 3.

Pam will be gone Monday, October 31. Everyone needs to do their own watering.

The Employee Health and Benefits Fair will be held November 8 and 9 at Coffman Union in Minneapolis and November 10 at the Earle Brown Center in St. Paul. Open Enrollment for medical insurance, long-term disability insurance, and health care and depending care reimbursement accounts continues until November 15, 1994.

Fall Quarter COA Faculty Assembly will meet on Tuesday, November 1 from 2:00-4:30 p.m. in 335 Borlaug Hall. Refreshments will be served from 1:45-2:00 p.m.

Larry Smith has an extra ticket to the ASA meetings in Seattle. Flight leaves Saturday, November 12 and returns on Tuesday, November 15. Price is \$334.00.

I am upgrading from a compact to a classic size Franklin Planner, and am looking for a hand-me-down (classic size) binder. If you have an old one you would like to jettison, please contact me.
Meg Moynihan, Box 64

More free ear corn is available in a truck behind Crops Research. Help yourself.

Free - old Maytag washing machine, runs fine - see Peggy Egli in 517/416 Borlaug Hall by November 15 if you want it.

A Holiday Boutique will be held at Lakeside Pavilion, Como Park, St. Paul from Monday, November 7 to Sunday, November 13. Hours are: Monday-Friday 10:00 a.m. to 9:00 p.m.; Saturday 10:00 a.m. to 6:00 p.m.; and Sunday 10:00 a.m. to 4:00 p.m. Over 130 artists will have their crafts available for purchase.

Women in Agricultural Science

We will be viewing the next installment of "A Century of Women" on Tuesday, November 1 at 12:00 noon in 213 Borlaug Hall. Our next regular meeting will be Tuesday, November 8 at 12:00 noon in 491 Borlaug Hall, when each department will be presenting their results from the graduate women's survey.

Parents On-Campus

Please join us for an informal brown bag discussion on parenting issues/concerns. It will be held on Tuesday, November 1 from 11:30 a.m. to 12:30 p.m. on the far east end of the Student Center Cafeteria (behind partition). For more information, contact Mary Brakke or Tammy Dunrud at 624-1211.

Seminars

- October 31 **Plant Breeding**, Silvia Maquieira, Heat stress and pollen selection, 3:30 p.m., 306 Borlaug Hall.
- Animal Science**, Michael Martin, A few observations about the future of animal research at the University of Minnesota, 3:15 p.m., B25 Classroom Office Building.
- November 2 **Agronomy**, Wayne Anderson, Overview of the Minnesota River Project, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARKANSAS

Graduate Assistant in Soil Fertility (half-time), Agronomy Department.

Closing date: December 5, 1994

AUBURN UNIVERSITY

Research Associate - Soil Fertility, Department of Agronomy and Soils. M.S. in soil fertility.

Closing date: November 15, 1994

UNIVERSITY OF MINNESOTA

Assistant Director, Center for 4-H Youth Development, College of Education/Minnesota Extension Service.

Closing date: November 28, 1994

Provost for Arts, Sciences and Engineering.

Closing date: November 15, 1994

UNIVERSITY OF NEBRASKA

Graduate Research Assistantship, Department of Agronomy. M.S. in agronomy or related biological science.

WASHINGTON STATE UNIVERSITY

Plant Biochemist, Institute of Biological Chemistry. Tenure-track.

Closing date: December 12, 1994

UNIVERSITY OF WISCONSIN

Senior Vice President for Administration.

Closing date: November 4, 1994



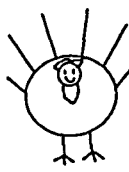
HAPPY HALLOWEEN

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 4, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources based upon which agriculture depends.

Announcements



The annual turkey raffle/slopping joe lunch is approaching. Again this year the Grad Club will raffle off two turkeys as well as several other prizes at the sloppy joe lunch. Raffle tickets are \$1.00 each and are available from the graduate students.

Patrick J. Borich will retire from MES and the University as of January 3, 1995. A retirement reception will be held on Wednesday, December 14 from 4:30 to 6:30 p.m. No room number has been set yet. Everyone is invited to the reception. Gail Skinner-West has agreed to be interim director until a new dean and director is hired.

Thanks to all who participated in the Community Campaign for 1994. T-shirts were given to Dave LeGare and Nick Jordan. They were the first civil service employee and first faculty member to turn in their pledge cards.

The MAES Resources Coordinating Team second safety meeting of the 1994-95 year will be held on Tuesday, November 15 in 335 Borlaug Hall at 8:00 a.m., and again on Wednesday, November 17 in 335 Borlaug Hall at 8:00 a.m. The topic "Practicing Safe Science in the Laboratory," will be presented by Dawn Errede of the Department of Environment Health and Safety. She will discuss OSHA Lab Standard, MERTKA as it applies to the labs, permissible exposure limits, and show a short video. This session will satisfy annual retraining requirements and will cover some parts of initial safety training for lab employees. All Department of Agronomy laboratory personnel are required to attend. Please sign up for one of the sessions in 411 Borlaug Hall. See Jeanne if you have any questions.

We have received a complimentary copy of our Agronomic Sciences Videotape Index Guide. The Guide was prepared by the C561 Crops Teaching Improvement Committee of the Crop Science Society of America. Please see Jeanne to review this catalog.

The Program Committee for the 50th Anniversary Meeting of the Soil and Water Conservation Society invites papers, posters, and computer demonstrations to be considered for publication August 6-9, 1995 in Des Moines, Iowa. Submissions should support the theme "Celebrate, Anticipate, Innovate: 50 More Years of Partnerships." Abstracts are due January 9, 1995. See Jeanne for details.

1995 Proposals for the Minnesota Soybean Research and Promotion Council are due on December 1. See Jeanne for instructions and application forms.

Did you know that the FAX machine processed 2,042 pages during the month of October? If your document is nine pages or more, it is cheaper to send it Standard Overnight by Federal Express, or if you wanted to send an 11+ page document by Priority Overnight, it is cheaper than by FAX. E-mail is also an efficient and free alternative. Student employees can also deliver documents on campus -- not only is this free, your document will be a clearer image than if it were sent by FAX. If you want something delivered on St. Paul Campus, bring it to the main office and it will be delivered for you.

Bring in your ski gear to the Ski Swap '94 on Tuesday and Wednesday, November 15 and 16. The sale is open to the public Thursday through Saturday, November 17, 18 and 19.

Weed Science Discussion Group
Dr. Rafael De Prado, Herbicide-Resistant Weeds in Spain, Monday, November 7, 408 Hayes Hall, 12:00 noon.

Call for Pre-proposals
Independent Professional Seedsmen Association.
Deadline for submission is December 1, 1994. See Jeanne Davy for information.

Seminars

- November 7 Plant Molecular Genetics, Olszewski Laboratory, Strategies for Determining the Functions of the Commelina Yellow Mottle Virus-Encoded Proteins, 12:00 noon, 306 Borlaug Hall.
- Plant Breeding, Mark Sorrells, Marker-Assisted Breeding - Is It Practical?, 3:30 p.m., 306 Borlaug Hall.
- November 9 Agronomy, Ed Schuh (HHH), Agricultural Production and Profitability from a Global and Environmental Viewpoint, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

BUSCH AGRICULTURAL RESOURCES, INC.

Assistant Plant Breeder, Barley Breeding/Purification & Multiplication. B.S. or M.S. degree.

Closing date: December 15, 1994

UNIVERSITY OF CALIFORNIA

Vice President, Agriculture and Natural Resources.

Closing date: December 15, 1994

Information Specialist, Sustainable Agriculture Program, Department of Plant Pathology. M.S. or Ph.D. degree.

Closing date: November 20, 1994

Area Integrated Pest Management Advisor, Ornamental Horticulture, Division of Agriculture and Natural Resources. M.S. degree.

Closing date: January 20, 1995

UNIVERSITY OF IDAHO

Scientific Aide, Plant, Soil & Entomological Sciences. B.S. in plant science.

Closing date: December 1, 1994

ILLINOIS FOUNDATION SEEDS, INC.

Corn Research Technician. Associate degree in an agricultural area.

Placement date: January 1, 1995

INTERNATIONAL PLANT GENETIC RESOURCES INSTITUTE

Project Leader, 18-month period with a possible extension to two years. Headquarters is in Rome, Italy.

Ph.D. in genetic resources/plant breeding.

Closing date: November 30, 1994

UNIVERSITY OF MASSACHUSETTS

Executive Director, Northeastern Region Association of State Agricultural Experiment Station

Directors. Twelve-month appointment.

Closing date: December 1, 1994

UNIVERSITY OF MINNESOTA

Acting Associate Director, Minnesota Extension Service. Temporary appointment through June 30, 1995.

M.S. degree required.

Closing date: November 23, 1994

Assistant Director, Center for 4-H Youth Development, College of Education/Minnesota Extension Service.

Closing date: November 28, 1994

UNIVERSITY OF NEBRASKA-LINCOLN

Professor and Head, Department of Agronomy; Professor and Head, Department of Agricultural Leadership, Education and Communication; Professor and Head, Department of Entomology.

Closing dates: December 15, 1994; January 15, 1995; January 31, 1995

NEW MEXICO STATE UNIVERSITY

Assistant Professor, Department of Agronomy and Horticulture. Tenure-track.

Closing date: December 1, 1994

UNIVERSITY OF TENNESSEE

Assistant Area Specialist, Ornamental Horticulture. M.S. degree in plant and soil science.

Closing date: November 11, 1994

USDA-ARS

Biological Laboratory Technician, Soils. Plant Science Research. B.S. degree.

Closing date: November 14, 1994

MIW
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 14, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources based upon which agriculture depends.

Announcements

The annual turkey raffle/sloppy joe lunch will be held Tuesday, November 22 from 11:45 a.m. to 1:00 p.m. Again this year the Grad Club will raffle off two turkeys as well as several other prizes at the sloppy joe lunch. Raffle tickets are \$1.00 each and are available from the graduate students.

Benefits open enrollment ends Tuesday, November 15. Changes to medical coverage (changing plans or adding dependent coverage) and long-term disability insurance must be submitted by that date. November 15 is also the deadline to enroll in a health care or dependent care reimbursement account for 1995; accounts are not automatically renewed. Employee Benefits will accept all enrollment forms received by 4:30 p.m. on November 15 or postmarked by that date.

The MAES Resources Coordinating Team safety meeting will be held on Tuesday, November 15 in 335 Borlaug Hall at 8:00 a.m., and again on Thursday, November 17 in 335 Borlaug Hall at 8:00 a.m. The topic "Practicing Safe Science in the Laboratory," will be presented by Dawn Errede of the Department of Environmental Health and Safety. She will discuss OSHA Lab Standard, MERTKA as it applies to the labs, permissible exposure limits, and show a short video. This session will satisfy annual retraining requirements and will cover some parts of initial safety training for lab employees. All Department of Agronomy laboratory personnel are required to attend. Please sign up for one of the sessions in 411 Borlaug Hall. See Jeanne if you have any questions.

Burr Fontaine will defend his M.S. Thesis on Monday, November 21 at 10:00 a.m. in 408 Hayes Hall, "Development and Evaluation of Smother Plants for Weed Control."

Does anyone have a copy of the October 1994 issues of Farm Journal magazine. Kent Crookston would like to see the article on page 36. Thank you.

Mark your calendars for the Departmental Holiday Break on Friday, December 9 at 9:00 a.m. in 306 Borlaug Hall. There will be plenty of gourmet coffees, teas, cocoa, bagels, sweet rolls, and coffee cakes to treat your taste buds. The cost is \$2.00 and will be collected at the door.

I am going to clean the refrigerator in the kitchen (302 Borlaug Hall) during the week of the ASA meetings. If you want to keep anything in there, please mark it or move it to another refrigerator otherwise I am throwing everything out.

Lynne

We are in the process of updating the alumni mailing list for graduate students. If you have any new addresses for former graduate students, please give them to Pat Kessler immediately.

Thank you

National Security Education Program (NSEP) will provide funds for undergraduate and graduate students who wish to study languages in countries outside of western Europe, Canada, Australia, and New Zealand. Undergraduates can receive up to \$8,000 per semester. Interested students should contact Rita Snider at the Institute of International Studies and Programs, 149 Nicholson Hall, 626-7144 for more details.

We have a brand new four-door, dark red, Buick Century. The gray one is gone. The new vehicle number is 2360.

A green hooded "Lee" sweatshirt was left in 408 Hayes Hall last week. It can be claimed in 411 Borlaug Hall.

Women in Science Discussion Group
The 'Girls and Science' reading for our noon lunch meeting on Tuesday, November 22 is in an orange folder on the reserve shelf in the Plant Pathology Library. It is only about ten pages long. If you are interested in other readings, please contact Meg Moynihan in the Agronomy Department (Box 64).

Seminars

No seminars this week because of the ASA meetings in Seattle.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Vice President -- Agriculture and Natural Resources.

Closing date: December 15, 1994

Farm Advisor-Entomology/Pest Control, Division of Agriculture and Natural Resources.

Closing date: February 27, 1995

KANSAS STATE UNIVERSITY

Extension Specialist, Department of Agronomy. Ph.D. degree in Agronomy.

Closing date: January 15, 1995

UNIVERSITY OF MINNESOTA

Assistant Collegiate Program Leader, College of Human Ecology. Temporary position for 12-18 months.

Closing date: November 23, 1994

Director of the Office of Research Ethics and Regulatory Compliance. Internal search, part-time, twelve-month.

Closing date: November 30, 1994

NEW MEXICO STATE UNIVERSITY

Extension Horticulture Specialist, Plant Sciences Department. Tenure-track position.

Closing date: December 1, 1994

TENNESSEE TECHNOLOGICAL UNIVERSITY

Dean, College of Agriculture and Home Economics.

Closing date: March 1, 1995

USDA-ARS

Postdoc in Plant Molecular Geneticist. Ph.D. required.

UNIVERSITY OF WISCONSIN-MADISON

Assistant Professor, Department of Horticulture. Tenure-track (70% Research and 30% Teaching).

Closing date: January 1, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 18, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources based upon which agriculture depends.

Announcements

Colleen Cichoski will be leaving the department as of today. She has accepted a new position as an interior designer. Best wishes, Colleen.

The Gopher Crops and Soils Club placed 3rd in Category I of the Agronomy Club Achievement Award competition at the ASA meetings in Seattle. Mary Paulson placed 4th in the manuscript contest for undergrad. Penny Avoles, Leanne Mathieson, Jeanette Eller, and Stephanie Stadheim participated in the quiz bowl during the meetings.

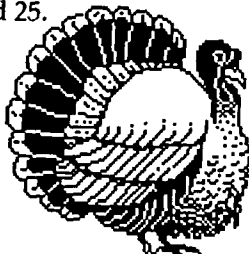
The annual turkey raffle/sloppy joe lunch will be held next Tuesday, November 22 from 11:45 a.m. to 1:00 p.m. Again this year the Grad Club will raffle off two turkeys as well as several other prizes at the sloppy joe lunch. Raffle tickets are \$1.00 each and are available from the graduate students.

Burr Fontaine will defend his M.S. Thesis on Monday, November 21 at 10:00 a.m. in 408 Hayes Hall, "Development and Evaluation of Smother Plants for Weed Control."

Mark your calendars for the Departmental Holiday Break on Friday, December 9 at 9:00 a.m. in 306 Borlaug Hall. There will be plenty of gourmet coffees, teas, cocoa, bagels, sweet rolls, and coffee cakes to treat your taste buds. The cost is \$2.00 and will be collected at the door.

On Saturday, December 10, President Nils and Pat Hasselmo will be hosting a reception for graduating students and their families at Eastcliff. All University students who will be graduating fall quarter 1994 are invited to attend.

The University of Minnesota will be closed next Thursday and Friday, November 24 and 25. Have a Happy Thanksgiving.



Seminars

November 21 **Plant Molecular Genetics**, David Mark's Lab, How About Them Trichomes?, 12:00 noon, 306 Borlaug Hall.

Plant Breeding, Michael Peel, Quality Improvement of Oilseed Crops, 3:30 p.m., 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF FLORIDA
Assistant Professor, Department of Environmental Horticulture. Twelve-month appointment.
Closing date: December 16, 1994

UNIVERSITY OF ILLINOIS
Extension Specialist, Department of Agronomy. M.S. degree required.
Closing date: January 1, 1995

KANSAS STATE UNIVERSITY
Assistant Scientist, Department of Agronomy. B.S. in chemistry.
Closing date: December 16, 1994

Graduate Research Assistant in soil microbiology and wheat breeding, Department of Agronomy.
Closing date: January 1995

UNIVERSITY OF NEBRASKA
USDA/ARS Research Technician.
Closing date: December 5, 1994

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

December 2, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Congratulations to Vernon Cardwell who was recognized as WCCO's Good Neighbor on their morning Almanac show on Tuesday, November 29. He was cited for his work as a teacher, advisor and researcher, but most of the emphasis was placed on his work for Ag-in-the-Classroom.

Congratulations to the following who received awards at the ASA meetings in Seattle:

Don Rasmusson was awarded the DeKalb Crop Science Distinguished Career Award.

Craig Sheaffer was elected Fellow of the American Society of Agronomy.

Erv Oelke was awarded the Agronomic Extension Education Award.

Thank you to everyone who helped make the annual sloppy joe lunch/turkey raffle a success again this year. We served 105 lunches and sold 244 tickets. Thanks to everyone involved in promotion and set up, as well as to the projects which donated door prizes.

Congratulations to the following people who were winners at the Turkey Raffle.

- Dessert Package - Bob Peterson
- Bean Package - Suzanne Livingston
- Gourmet Food Package - Laddie Elling
- Breakfast Package - Brian Driscoll
- Baking Package - Dave LeGare
- Evening Package - Jose Dominguez
- Small Turkey - Liz Stahl
- Big Turkey - Al Grombacher
- Duffle Bag - Bai Chai Wu

The Department Holiday Party will be held Friday, December 9 at 9:00 a.m. in 306 Borlaug Hall. There will be plenty of gourmet coffees, teas, cocoa, bagels, sweet rolls, and coffee cakes to treat your taste buds. The cost is \$2.00 and will be collected at the door.

North Central WSSA Practice Session is Monday, December 5. Posters will be in 408 Hayes Hall from 12:00 noon to 3:30 p.m. Presentations in 306 Borlaug Hall will be starting at 1:15 p.m.

Faculty: For your information, we have received a copy of the names of minority Ph.D. recipients in science disciplines at CIC institutions. This information may be helpful to those working on search committees or for those looking for Postdoctoral Associates. See Jeanne for information.

Ed Schuh referred to a paper by Malone in his seminar. I have a copy of that paper "Sustainable Human Development: A Paradigm for the 21st Century" by Thomas Malone which I'll circulate to those that want to see it.

Dale Hicks

1994-95 Horace T. Morse-Minnesota Alumni Association Awards for outstanding contributions to undergraduate education are due February 15, 1995.

Exempt W-4's submitted to payroll in 1994 expire on February 15, 1995. To avoid having taxes withheld after that date, new exempt W-4's must be received in this office by the following dates.

Biweekly Payroll - 4:00 p.m. on 2-21-95

Regular Payroll - 4:00 p.m. on 2-20-95

MWR forms (Reciprocity) expire on February 28, 1995. To avoid having Minnesota taxes withheld, new forms must be in payroll by the following dates:

Biweekly Payroll - 4:00 p.m. on 2-21-95

Regular Payroll - 4:00 p.m. on 3-7-95

MWR forms are available from the Minnesota Department of Revenue (296-3781).

All employees should file a new W-4 form whenever there's a change in filing status, exemption allowances, or address. If you have any questions, please do not hesitate to contact the Payroll Tax Area at 624-2837.

There will be a W.P.S. (Workers Protection Standard) seminar on Monday, December 12 from 10:00 a.m. to 12:00 noon in 335 Borlaug Hall. This seminar is for Agricultural Experiment Station employees that work in fields and greenhouses. This applies to all fields and greenhouses that are under the control of the Agricultural Experiment Station at St. Paul and all branch stations. This will fulfill the yearly MERKTA requirement.

A make up lab safety seminar will be held on Wednesday, December 7 from 12:00 noon to 1:00 p.m. for those who were at the ASA meetings, or had other conflicts when we had the seminars two weeks ago. Bring yourself and your lunch to 306 Borlaug Hall. This will fulfill the lab safety requirements for this year.

The two departmental vans and the Buick will be in the winter location starting on Monday, December 5 (east end of the Crops Service Building).

When checking out the Caravans make sure that you or your traveling companions have at least two sets of keys when you are out on the road. If you leave the vans idling and no one is in the van, they will lock after so many minutes and this could create a major problem if you are out in the hinterlands.

Public parking lots S102 and S103 are now open on the St. Paul Campus. Lot S102 is located at Buford and Gortner, across from the Earle Brown Center, and has 139 spaces. Daily rate parking is available Monday through Friday from 6:00 a.m. to 2:00 p.m. at a cost of \$2.50/day. Lot S103 is located at Fitch and Gortner, behind the Central Library, and has 66 spaces. Hourly parking is available Monday through Friday, 7:00 a.m. to 6:00 p.m. at a cost of \$1.00 per hour. Lot S103 also offers a variety of opportunities for departments to ease the parking concerns of their customers or special guests. University departments may reserve parking for their guests attending events such as meetings or conferences. Parking may also be charged if the customer knows the CUFs number from the department. V.I.P. parking cards are also available for periods ranging from one day to one year. Departments can also receive an ink stamper with a number that corresponds to their CUF budget number. This ink stamper is then kept in your office and your guests' tickets may be validated. Please call 625-3433 for more information.

Operation Joy serves as a clearinghouse for thousands of families who need help during the holidays. With your holiday donation, they can provide assistance to people in need. Please send your donations to: Operation Joy, 1140 Gervais Avenue, St. Paul, MN 55109.

Women in Agricultural Science

December 6 - Discussion with Dr. Cheryl Fox of the Minnesota Department of Agriculture (MDA) on career changes and her current job with MDA.

December 20 - Holiday cookie feast.

All meetings will be held in 491 Borlaug Hall at 12:00 noon. Everyone is welcome.

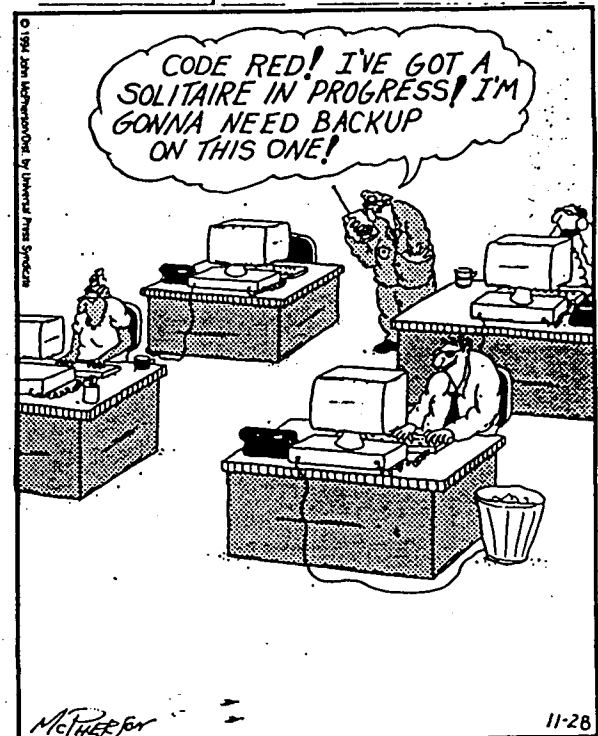
Parent on Campus

Mothers and fathers who would like to meet with others like themselves to talk about parenting and family concerns, will meet on Monday, December 12 at 11:30 a.m. in the Northeast corner of the Student Center cafeteria (behind the partition). If you'd like more information, contact Tammy Dunrud or Mary Brakke at 624-1211.

Useful Quote

Men occasionally stumble over the truth, but most of them pick themselves up and hurry off as if nothing had happened. Winston Churchill

Close to Home / John McPherson



In recent years, many companies have found it necessary to employ Game Police.

Seminar

December 5 Plant Molecular Genetics, Pete Lefebvre, Assembly and Function of *Chlamydomonas* flagella, 12:00 noon, 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

CALIFORNIA STATE POLYTECHNIC UNIVERSITY
Dean of the College of Agriculture.
Closing date: March 1, 1995

UNIVERSITY OF DELAWARE
Assistant Professor, Department of Plant and Soil Sciences. Tenure-track.
Closing date: February 15, 1995

HAMLIN UNIVERSITY
Assistant Professor, Animal Biology. Ph.D. required.
Closing date: January 10, 1995

KANSAS STATE UNIVERSITY
Postdoctoral Research Associate, Department of Agronomy/Department of Civil Engineering.
Closing date: December 15, 1994

RUTGERS UNIVERSITY
Instructor, Department of Environmental Sciences. Teach soils and water course.
Position becomes available January, 1995

WESTVACO FOREST SCIENCE LABORATORY
Student Internship, Molecular Genetics of Forest Trees. Temporary position for six months.
Closing date: December 30, 1994

MIW
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
December 9, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Dr. Larry Smith's sister Silvia passed away on Sunday, December 4. The funeral was held on Wednesday in Michigan.

Announcements

You're invited to a farewell reception for Richard Jones, Dean of the College of Agriculture. The reception will be on Thursday, January 19, 1995 from 4:00-6:00 p.m. in Room 135 of the Earle Brown Center.

Pat Mullen, Director of the Office of Equal Employment Opportunity and Affirmative Action, will be retiring from her position on June 30, 1995.

U Recycling Program reminds all recyclers that photocopier paper ream wrappers and brown campus envelopes are not recyclable with office paper.

There will be a W.P.S. (Workers Protection Standard) seminar on Monday, December 12 from 10:00 a.m. to 12:00 noon in 335 Borlaug Hall. This seminar is for Agricultural Experiment Station employees that work in fields and greenhouses. This applies to all fields and greenhouses that are under the control of the Agricultural Experiment Station at St. Paul and all branch stations. This will fulfill the yearly MERKTA requirement.

The two departmental vans and the Buick are now located in the Crops Service Building. Please remember to return them to the Crops Service Building when you are done using these vehicles. Do not leave them outside.

Beef Cattle Day is set for Monday, December 12 at the Northwest Experiment Station at Crookston. Registration and refreshments begin at 9:30 a.m.

I have four tickets to the "Nutcracker on Ice" featuring Oxana Baiul & Victor Petrenko at the Target Center on Sunday, December 18 at 3:30 p.m. I would like to sell these tickets. Cost is \$26 each. The seats are upper deck, middle section. Please call Keith Henjum at 5-4291 or 730-0499.

Greenhouse Users

1. Anyone who would like their greenhouses sprayed, please let me know. We have someone who sprays on Saturday's. On Saturday, December 10, the following houses will be sprayed: Teaching, 415A 7, 370A 4, 370C 1.
2. In a 1993 IPM Symposium, a presentation on Insect Management by Ron Oetting from the University of Georgia stated "Cleanliness in the greenhouse including isolation of new plant material, the scheduling of periods of time when the greenhouse is without plants, removing all weeds in the greenhouse and discarding old and infested plants are cultural practices that help manage insect populations." This is part of the push to get the greenhouses cleaned up.
3. Greenhouse cleanup is going on NOW! Everybody needs to do some cleaning. Sand and soil should not be washed on the floor. Pots, cans, and food should not be left laying around and benches should not be used for storage. All walkways should be swept.
4. Fines will be charged monthly if cleanliness is not maintained.
5. I have had several comments from people in Facilities Management about how much better the greenhouses are looking.
6. Your greenhouses should always be ready for visitors to tour so they will not cause your Department or Project embarrassment.

Thank you for your help and cooperation.

Pamela Altermatt
Agronomy Greenhouses

Seminar

December 13 Flavio Capettini, Breeding for Malting Quality, 2:00 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

AUGSBURG COLLEGE

Temporary Instructor to teach one laboratory section of General Biology in spring semester, 1995.

MICHIGAN STATE UNIVERSITY

Integrated Pest Management Coordinator, Agricultural Experiment Station. Twelve-month, tenure-track.

Closing date: January 15, 1995

UNIVERSITY OF MINNESOTA

Acting Associate Director, Minnesota Extension Service. Temporary appointment through June 30, 1995.

Closing date: December 14, 1994

Vice Chancellor for Academic Affairs and Dean at Morris.

Closing date: January 23, 1995

UNIVERSITY OF NEBRASKA

Agricultural Research Technician II. Work with the Nebraska Sustainable Agricultural Society.

Closing date: January 3, 1995

NORTH CAROLINA STATE UNIVERSITY

Graduate, Postdoctoral, Sabbatical Training Opportunities in Biology of Transgenic Plants.

SOUTH DAKOTA STATE UNIVERSITY

Graduate Research Assistant, Plant Science Department.

Available: January 1, 1995

WASHINGTON STATE UNIVERSITY

Vice President for Extended University Affairs.

Closing date: February 1, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
December 16, 1994

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Congratulations to the following individuals who won awards at the North Central Weed Science Society meetings:

Dr. Robert N. Andersen received the Distinguished Achievement Award.

Liz Stahl placed first in the Weed Ecology and Biology Graduate Student presentation category. Dawn Wyse placed second.

Todd Pester placed second in the Soybean/Annual Legume Graduate Student presentation category.

Scott Reuss was elected vice-chair of the NCWSS Graduate Student Committee.

There will be a faculty meeting on Monday, December 19 at 1:00 p.m. in 306 Borlaug Hall.

The office staff will hold their annual cookie party on Tuesday, December 20. Many delicious treats will be provided from 9:30 a.m. to 12:00 noon in 411 Borlaug Hall. Everyone is invited.

Mike Martin will serve as interim dean for the College of Agriculture after Dean Richard Jones departs, and before a new dean is in place. The College is in discussion about alternative ways to cover the responsibilities in Mike's regular role as associate dean in COA and assistant director of the Minnesota Agricultural Experiment Station. A search committee is being put together for the dean of COA. The committee will be announced in the near future and then a national search will be initiated.

The MacArthur Program at the University of Minnesota is initiating an annual research grant competition for students enrolled in doctoral programs. The competition targets students whose research interests and projects focus on issues central to the MacArthur Program, and who are still at least one and one-half years away from dissertation fieldwork. Four to six

awards of \$5,000 each to assist in dissertation fieldwork will be awarded. For information, please call 624-0832 or email at macarth@gold.tc.umn.edu.

University departments regularly receive offers for charge cards from vendors with whom they do business. Examples of vendors who offer charge cards are Bizmart, Office Max, and recently, Kinko's. University departments should not accept or use these cards. The Office of the Treasurer does not authorize issuance or use of charge or credit cards by University departments other than the few cards it has officially authorized, such as the American Express Travel Card. If your department receives mail or phone calls soliciting you to sign up for these unauthorized cards, refer them to Purchasing Services.

A spiral bound collection of articles and notes for Agronomy 8240 is missing from the Agronomy Library. If you have it, please return it promptly. Thank you. Art Eschenlauer

Campus Mail is now open at 8:30 a.m. to make it more convenient to mail your cards, letters, and packages during the holiday season. One added service this year is that you can mail foreign packages up to three pounds to most countries. If you have any questions, please call 5-8284.

Tabare Abadie says hello to all his friends in Agronomy.

The University of Minnesota will be closed the following days:

December 23, 1994 - Floating Holiday
December 26, 1994 - Christmas Day Observed
January 2, 1995 - New Year's Day Observed
January 16, 1995 - Martin Luther King Day

Grant Awarded

Roger L. Becker, Minnesota Pesticide Management Plan Development, \$40,788 - 07/01/94-06/30/95.

Greenhouse Users

About a month ago, we had an electrical fire in one of the greenhouses. It was caused by a worn out cord. ALL projects need to go through their greenhouses and replace all the worn cords. Your options are:

1. Replace the worn cords yourselves - most cost efficient.
2. Mike has an electrician who is doing some work in the department - not quite as cost efficient.
3. Call Facilities Management to do it - not cost efficient at all.

The greenhouses being sprayed this weekend are: Teaching A4 and 5, 415A 7, 370A 1 and 2, 370C 1-3 and Oats. REMEMBER-the greenhouses are closed on Saturdays!

Pamela Altermatt

Seminar

December 20 M.S. Exam Oral Presentation - Jane Grimsbo Jewett, Alfalfa Stem Anatomy: Characterization and Inheritance, 9:00 a.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARIZONA

Assistant Professor, Department of Plant Sciences. Twelve-month, tenure-track (80% research and 20% teaching).

Closing date: February 8, 1995

UNIVERSITY OF MINNESOTA

Assistant Vice President for Research and Associate Dean of the Graduate School. Twelve-month, 50% time, annually renewable administrative appointment.

Closing date: January 12, 1995

Acting Extension Program Leader. M.S. degree required.

Closing date: December 21, 1994

Director, Duluth Center for Continuing Education and Summer Session, and Assistant Vice Chancellor for Academic Administration. Twelve-month, 100% time.

Closing date: January 4, 1995

RICE UNIVERSITY (Houston, Texas)

Dean of the School of Humanities.

Closing date: January 20, 1995

THE UNIVERSITY OF TENNESSEE

Specialist, Nursery-Ornamental Horticulture and Landscape Design Department. Ph.D. in horticulture with emphasis in nursery production.

Closing date: December 30, 1994

TEXAS A&M AGRICULTURAL SYSTEM

Rice Breeder, Beaumont Center. Ph.D, M.S. +2 years, or B.S. +5 years experience in an applied breeding program.

Expected to be filled in January-February, 1995

UNIVERSITY OF WISCONSIN-MADISON

Dean of the School of Education.

Closing date: July 1, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 6, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Thank You

Faculty, Thank you for your Christmas gift.
Office Staff

Announcements

Bill Lueschen, SWES Head, is currently recovering from a heart attack. Bill will be regaining his strength for about two months. Dr. Dennis Johnson of WCES will assume the role of "acting associate head" for SWES on a part-time basis. Dennis will develop a schedule which will allow him to be in Lamberton one or two days a week. We look forward to Bill's return as soon as his health permits.

W2 forms were distributed on December 30. Everyone paid on the regular December 30 payroll received one. Please check your mailboxes for these forms. Jeanne

Faculty, if you are planning any changes for Fall Quarter 1995 classes, please see Lynne immediately. A96's are due in the college or graduate school by Friday, January 13. Also, the class schedule for 1995 is due January 18, so let me know if you have scheduling or room changes.

Morris has a new Super 8 Motel. It has 41 rooms, two jacuzzi suites, an indoor pool and a meeting/hospitality room. Rates range from \$43 to \$50. Phone number is 612-589-8888 or 1-800-800-8000.

When the first-class mail is being distributed, the door to the mail room will be locked starting on Monday, January 9. If you need to get into your mailbox during that time, please use the hallway. Thank you.

There will be a faculty meeting on Friday, January 13 in 306 Borlaug Hall at 1:00 p.m.

An Open House will be held on Tuesday, January 10 from 11:00 a.m. to 1:00 p.m. at the MAST International Students Lounge, lower level of the St. Paul Student Center. You can travel the world without leaving the campus. Free refreshments and drawing for great prizes will also be held.

The Northwest Experiment Station Dairy Day at Crookston will be held on Wednesday, January 11. Registration will begin at 10:00 a.m. and the educational program will follow at 10:15 a.m. in the Ag Research Center Auditorium. For more information, please call George Marx at 218-281-8606.

Swine Day will be held on Thursday, January 12 from 9:30 a.m. to 3:00 p.m. at the Morris Campus. Registration fee is \$10 which includes lunch. For any questions, please call Diane Gjerset at 612-589-1711.

Parents-On-Campus, a group of working mothers (fathers are invited too), meets regularly to talk about parenting concerns. Our next meeting is at 12:00 noon on Monday, January 9 in 408 Hayes Hall. We will discuss the issue of teaching children responsibility with money. Everyone is welcome. For more information, contact Tammy Dunrud or Mary Brakke at 624-1211

Faculty, Staff and interested others

Dr. Kent Crookston will be presenting a seminar on his vision of the future of the department as a follow-up to his report (at a seminar on May 2) to the faculty which described his activities since becoming head. This presentation was suggested by the Review committee and is a part of his formal review. Please make every effort to attend in person. The seminar will be held next Tuesday, January 10 at 12:00 noon in 306 Borlaug Hall. The seminar will be videotaped and copies of his handouts will be available for those of you who are unable to attend due to prior commitments. The committee is currently developing a series of questions for your use in evaluating his performance as head. We hope to have Dr. Crookston's evaluation completed and the results presented to the acting Dean by the end of February. If you have further questions, feel free to contact any of the committee members: D. Barnes, B. Durgan, B. Gengenbach, J. Orf, J. Slyter, L. Stahl, D. Wyse, L. Hardman, M. Ascerno.

Funding Source

Pesticide Reduction Options Program (PRO) Round II Funding. Under this program, eligible organizations can apply for grants of up to \$30,000 to fund projects which minimize use of and contamination from pesticides on Minnesota farms. The deadline for submitting a preproposal is January 10, 1995. Full proposals from invited applicants will be due February 20, 1995. See Jeanne for details.

Department of Agriculture. Cooperative State Research, Education, and Extension Service. Rangeland Research Grants Program for Fiscal Year 1995; Solicitation of Applications. Deadline is February 28, 1995. See Jeanne for details.

Greenhouse Users

The following greenhouses will be sprayed on Saturday, January 7: Teaching 4 and 5, 415 A7, 370 A2, 4 and 5, 370 C1 and 5, Weeds 1 and 2. The greenhouses will be closed until Sunday morning.

I was going through some old files and found a memo on insect control from the greenhouse committee, which contained the following reminders:

1. Don't bring insect infested plants from the field or growth chamber into the greenhouse without first controlling the insects.
2. Don't maintain extra or mature plants longer than necessary in the greenhouse after experiments are completed.
3. Whenever possible, completely clean out a greenhouse section for one or two weeks before replanting.
4. Clean up all weeds in and on benches. The projects are responsible for materials on the benches.
5. Sanitation is an important part of any pest control program.

We should all follow these still valid points.

Pamela Altermatt

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA
Farm Advisor - Small Farms & Specialty Vegetables, Division of Agriculture and Natural Resources. Academic career-track with up to three two-year renewable terms.

Closing date: February 17, 1995

KANSAS STATE UNIVERSITY
Research Associate, Department of Agronomy.
Closing date: January 18, 1995

Graduate Research Assistant, Department of Agronomy.

Closing date: May 18, 1995

MINNESOTA DEPARTMENT OF AGRICULTURE
Sustainable Agriculture Outreach Specialist, Energy and Sustainable Agriculture Program. B.A. or M.S. required.

Open until qualified candidate is hired.

UNIVERSITY OF MINNESOTA
Director for Administrative Information Services.

Closing date: March 1995

UNIVERSITY OF MISSOURI-COLUMBIA
Extension Assistant Professor-Cotton, Department of Agronomy. Nontenure-track, 70% extension and 30% research.

Closing date: March 15, 1995

MONTANA STATE UNIVERSITY
Assistant Professor, Department of Plant, Soil and Environmental Sciences. Twelve-month, tenure-track, 80% research, 20% teaching.

Closing date: March 13, 1995

UNIVERSITY OF NEBRASKA-LINCOLN
Pioneer Assistant/Fellowship in Plant Breeding and Genetics, Department of Agronomy.

Closing date: February 10, 1995

Seminars

January 9 Plant Molecular Genetics, Olga Danilevskya, The unusual structure of Drosophila telomeres, 12:00 noon, 306 Borlaug Hall.

Plant Breeding, Dave Somers, Characterization and expression of a cinnamyl alcohol dehydrogenase homologue in Arabidopsis thaliana, 3:30 p.m., 306 Borlaug Hall.

January 10 Plant Biology, Howard Rines, Oat plants with added maize chromosomes from oat x maize crosses, 3:30 p.m., 335 Borlaug Hall.

MIW
Ag86a

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 13, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Monday, January 16 is Martin Luther King Day. The University of Minnesota will be closed.

A farewell reception for Richard Jones will be held in 135 Earle Brown Center on Thursday, January 19 from 4:00 to 6:00 p.m. Everyone is invited.

Civil Service Personnel - Please turn-in any vacation or sick leave for December by Tuesday, January 17, so the year end audit report can be run. Thanks.

Jeanne

Greenhouse Users

The following houses will be sprayed this weekend: Teaching, 415 A7, 370 A2, 4, 5, 370 C1, 5 and the weeds greenhouse bays 1 and 2. Remember all greenhouses are closed on Saturday.

I am cleaning up the old pesticide room in the teaching greenhouse. If you have respirators or goggles in there that you want, please remove them. At the end of the month I will throw everything away.

I found another memo on Greenhouse Operating Procedures. This one is dated August 27, 1981 from the Greenhouse Committee. The following is an excerpt from that memo: Greenhouse cleanliness and appearance is the responsibility of the project assigned each section. Please remind your personnel to cleanup any messes they make in their assigned greenhouses, in the aisles of other greenhouses they may pass through with soil and debris and in headhouse areas. We have been somewhat lax in greenhouse cleanliness during the last year.

Cleanliness seems to be an ongoing problem that the Committee has been trying to rectify for years. With your help and cooperation it can be rectified. We have made some major improvements. Please keep up the good work!

Pamela Altermatt
Agronomy Greenhouses

An update on Dr. Abdul Kamanzi and Family

Abdul and Enatha are living in the American Refugee Committee compound in Nairobi, Kenya and have been there since October 24, 1994. We know that an approved visa is in his file at the U.S. Embassy in Nairobi and an application for release of the visa is in the State Department in Washington, DC. Both Senator Wellstone and Congressman Sabo have tried to expedite granting of the visa. The problem is related to clearance from a War Criminals list put together by the new Rwanda government. The clearance must be approved by the U.S. State Department and that seems to be the delay. Steve Clarke hopes that we can determine some way to get action. The problem seems to be one of a long-term nature (this is speculation on my part). A member of Congressman Sabo's staff is trying to identify a course of action or at least find some information on what we can expect.

Our last report from Nairobi indicated that the Kamanzi's are well. We requested that St. Paul's Episcopal Church transfer a thousand dollars to the American Refugee Committee to help support the cost of food and housing and provide some living expenses for the family. Housing is expensive in Nairobi and the city is evidently very crowded. We do not know how long Abdul can continue to stay at the compound since the committee needs space for their staff. At least through your generosity, we were able to provide expense money. We do not know the next step.

Steve and I believe that you could write to Abdul and Enatha using the following address:

American Refugee Committee
(Attention: Abdul Kamanzi)
P.O. Box 39694/Brookside Drive
Westlands
Nairobi, Kenya

We can assume their waiting time has become very discouraging. I hope some of you can write a note to them.

Bob Stucker

Grad Club

The Grad Club will meet on Friday, January 20 at 4:00 p.m. in 306 Borlaug Hall. T.G.I.F. festivities will be held after the meeting.

Upcoming Event

Winter Time Family Fun at the Shoreview Community Center will be held on Sunday, February 26 from 1:00-6:00 p.m. Faculty, staff, students, families, friends, and emeritus are invited. Adults are \$4.00, children ages 3-12 are \$1.50. Free skating and sledding (weather permitting) and you are encouraged to BYO (bring your own) Cards and Board Games to share in some fun. Pool fees and center activity rooms are an extra cost. There will be Magic in the air following a potluck supper. A featured magician is sure to delight both child and adult. Watch for registration details in your mailbox the week of January 23rd.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

ASGROW SEED COMPANY

Agronomic Consultant in corn and soybean production. M.S. or Ph.D. in agronomy.
Position available until suitable applicant is chosen.

UNIVERSITY OF CALIFORNIA

Regional Director, South Central Region, Division of Agriculture and Natural Resources. Ph.D. required.

Closing date: February 28, 1995

DAIRYLAND RESEARCH INTERNATIONAL

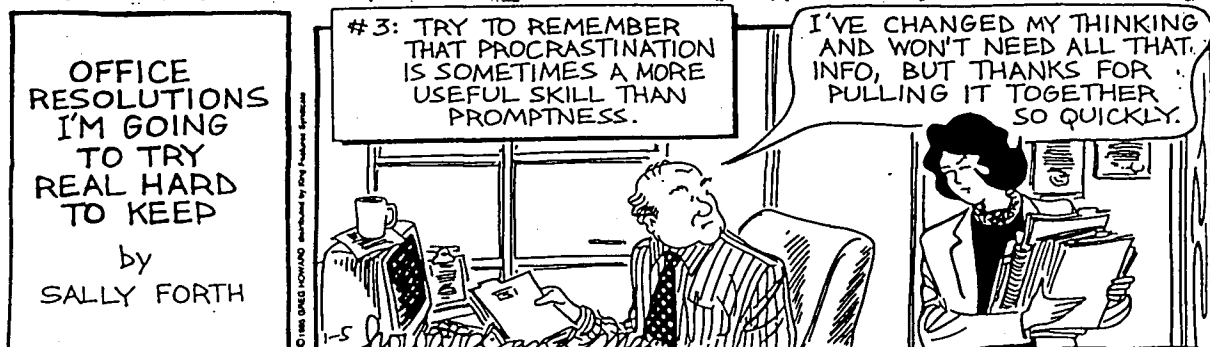
Research Assistant. B.S. degree in an agriculturally related field. Assist in alfalfa breeding.

UNIVERSITY OF MINNESOTA

Assistant Professor in animal health and disease, Department of Veterinary Pathobiology. Ph.D. required.

Closing date: March 1, 1995

Sally Forth / By Greg Howard and Craig MacIntosh



Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 20, 1995

MIW
E. Ag. Dept.

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

UPCOMING EVENT!! Agronomy Department Wintertime Family fun at the Shoreview Community Center on Sunday, February 26 from 1:00-6:00 p.m. Faculty, staff, students, families, friends, and emeritus are invited. Adults are \$4.00, children ages 3-12 are \$1.50. Free skating and sledding (weather permitting) and you are encouraged to BYO (bring your own) cards and board games to share in some fun. Pool fees and center activity room are an extra cost. There will be magic in the air following a potluck supper. A featured magician is sure to delight both child and adult. Watch for registration details in your mailbox the week of January 23.

Energy Research Financial Assistance Notice 95-12: Global Change Assessment Research. Department of Energy (DOE) hereby announces its interest in receiving applications to support research and analysis of Global Change Assessment Research. The refocused program has expanded since 1992 to include core support for integrated assessment activities, research on assessment in direct support of global change policy, and broader issues of sustainable development. Formal applications submitted in response to this notice must be received by 4:30 p.m., EST, February 23, 1995, to permit timely consideration for awards in Fiscal Year 1995. See Jeanne for details.

The video of Kent Crookston's vision presentation and copies of the overheads are available. Please check with Jeanne Davy.

The Agronomy teaching lab is missing a large number of slide trays that individuals have borrowed. If you have any of these trays please return them as soon as possible. We have several students giving seminars this quarter and need the slide trays. If you need a tray for long-term use, you may want to consider ordering one from the Storehouse for your project.

Teresa Schoeder

The 1995-96 Minneapolis White and Yellow Pages will be delivered on Tuesday, January 31 to 411 Borlaug Hall. One new Minneapolis phone book will be left for every old Minneapolis phone book left for recycling.

Agronomy Grad Club meeting and TGIF will be held today at 4:00 p.m. in 306 Borlaug Hall.

Weed Science Discussion Meeting will be held on Monday, January 23 at 12:00 noon in 408 Hayes Hall. Guest speaker will be Mr. Carmen Fernholz, Chair, Minnesota Institute for Sustainable Agriculture. Carmen is a farmer from West Center Minnesota and will be discussing the challenges and opportunities of shifting to reduced-tillage and organic production systems. Everyone is invited to attend and interact with the weed science discussion group. Bring your lunch.

Parents On Campus, a group of mothers and fathers that meets informally to discuss parenting concerns, will meet on Monday, January 23 at 12:00 noon in 213 Borlaug Hall (across from Teresa's office). Call Tammy Dunrud or Mary Brakke at 4-1211 for more information.

Judges are needed for a science fair on Thursday, February 9 at 4:00 p.m. in 128A Snyder Hall to judge science projects for students in grades 6-12. Any faculty, postdocs or graduate students are welcome to come judge the science fair. Many judges are needed. Please contact Judy Reynolds Miller at 225-1910 or by e-mail at ckcs@prodigy.con.

Women in Agricultural Science

We will be viewing another installment of "A Century of Women" on Tuesday, January 24 at 12:00 noon in 491 Borlaug Hall. All are welcome!

1995-96 Holiday Schedule

The following University holiday schedule has been approved for Civil Service Staff on the Twin Cities Campus for 1995-96.

Major Holidays (all campuses)

Independence Day	July 4, 1995
Labor Day	September 4, 1995
Thanksgiving Day	November 23, 1995
Christmas Day	December 25, 1995
New Years' Day	January 1, 1996
Martin Luther King Day	January 15, 1996
Memorial Day	May 27, 1996

Floating Holidays (Twin Cities)

November 24, 1995
December 26, 1995
March 22, 1996

The eleventh holiday has been designated a personal holiday for 1995-96. The holiday must be taken before July 1, 1996.

Greenhouse Users:

The following greenhouses will be sprayed with Enstar and Mavrik this weekend: Teaching 4 and 5, 415 A7, 370 A1, 2, 4, 5 and 370 C1-3. Please remember the greenhouses are closed on Saturday. We are trying to get a regular schedule set up. If you would prefer not to have your greenhouse(s) sprayed, please let me know by the preceding Thursday.

The following is an excerpt from a memo that I found concerning the recycling of yard waste: 'On January 1, 1990 a state law went into effect prohibiting yard waste from entering the solid waste stream. (Plant materials, soil, leaves and grass clippings are considered yard waste). Yard waste must be free from ALL trash, i.e., pots, pot labels, plastic bags, etc. Please dispose of these materials in an appropriate container for pickup on the normal Solid Waste route. If Ground Services has to sort materials at your location, the pickup charge will reflect the extra labor and equipment time.' For your information: our portion of the 1994 cost for soil debris pickup was \$892.44 and it cost us \$1904.70 to have soil and sand delivered to the greenhouses.

One other reminder: Those of you who received fines in January will receive them monthly until your houses have been cleaned.

Pamela Altermatt
Agronomy Greenhouses

Seminars

- January 23 Candidate for Small Grains Specialist, Northwest Experiment Station, Jochum Wiersma, Recurrent Selection for Kernel Weight in Spring Wheat, 10:30 a.m., 408 Hayes Hall.
- Plant Molecular Genetics, Jui-Sui Hsu, Promoter Analysis of the Nucleus-Encoded Chloroplast Ribosomal Protein Gene rps17 in Arabidopsis thaliana, 12:00 noon, 306 Borlaug Hall.
- Plant Breeding, Patrick Hayes, A Genome Map to Better Barley, 3:30 p.m., 306 Borlaug Hall.
- January 24 Thesis Defense, Eon Seon Jin Lee, Acetyl-CoA Carboxylase in Developing Soybean Seeds, 9:30 a.m., 306 Borlaug Hall.
- January 25 Agronomy Seminar, Alvaro Rivera, The Future of Soybean for Colombia, 3:30 p.m., 306 Borlaug Hall.

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA
Cooperative Extension Specialist/Postharvest Horticulturalist, Department of Vegetable Crops.
Cooperative Extension 100%.
Closing date: March 15, 1995

UNIVERSITY OF KENTUCKY
Research Specialist, Agronomy Department. Ph.D. in cellular and molecular biology.

KERR CENTER
Forage Specialist. B.S. or M.S. in agronomy.
Closing date: February 28, 1995

Horticultural Specialist. B.S. or M.S. in horticulture.
Closing date: February 28, 1995

LOUISIANA STATE UNIVERSITY
Assistant Professor, Northeast Research Station. Ph.D. in agronomy.
Closing date: March 1, 1995.

UNIVERSITY OF TENNESSEE
Research Associate, Department of Ornamental Horticulture and Landscape Design.
Closing date: January 31, 1995

TEXAS A&M UNIVERSITY
Assistant/Associate Professor and Extension Specialist in Agronomy; Professor/Associate Professor and Extension Specialist, Soil and Crop Sciences Department. Ph.D. in agronomy.
Closing date: February 20, 1995

MIW
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
January 27, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Meg Moyrihan here, reporting in from the wilds of Michigan. I made it here fine (I thought that after my defense I might spontaneously combust). I've made it through the first week, but not without feeling homesick for Minnesota and missing you all everyday. So hello to you all. Come and visit rainy Lansing, MI whenever you can.

Dear Friends of the Kamanzi Family:

We want to bring you up-to-date on the status of our efforts to bring the Kamanzi family to Minnesota. All of us had hoped that they would have arrived here many months ago. Unfortunately, we have encountered a number of hurdles, with one final but huge obstacle yet to overcome.

As you may remember, Abdul was offered a paid postdoc position with his advisor, Dr. Robert Stucker, in the Department of Agronomy & Plant Genetics at the University of Minnesota. Abdul completed his Ph.D. with Dr. Stucker in 1992 and was back teaching at the National University of Rwanda in Butare when the horrible events in his country began unfolding in April 1994. He and his family fled first to Bukavu, Zaire, where they stayed several months. Then in October they made a harrowing trip through Tanzania and eventually to Nairobi, Kenya.

They have been in Nairobi for three months now awaiting final clearance from the U.S. Embassy to travel to the U.S. Clearance is dependent on passing a war criminal screening procedure that our State Department instituted for all Rwandans. We were told initially by the Embassy that this would be a simple, straightforward process requiring no more than a week.

The Embassy interviewed Abdul and found him eligible, but the final decision rests with the State Department in Washington where it has been mired ever since for reasons that are not entirely clear. In an attempt to force action of some kind, we have obtained the support of three members of Minnesota's Congressional delegation who have been making inquiries. We are attempting to enlist the help of others.

Since April, members of both of Abdul's and Enatha's families have been killed--and by both ethnic groups--so, like many Rwandans, they are victims caught in the middle. At least they are safe for now, though far away from home and from the rest of their families; they are foreigners in someone else's homeland and facing an uncertain future. And all of us need to face the fact that this process may take many more months to complete.

In the meantime, we want to continue to help and support the Kamanzi's in anyway possible. They have been staying at an inexpensive guest house operated by the Minnesota-based American Refugee Committee for its staff. ARC has been extremely generous in allowing the Kamanzi's to remain there such a long time since they initially assumed no more than a one to two week stay. The Kamanzi's are now looking for an apartment where they can live starting February 1.

We have decided to send some of the money we collected to them to help cover their living expenses. Abdul has also begun looking for local, temporary employment. In addition, we are going to begin helping Abdul seek longer term opportunities outside the U.S., in case State Department action is delayed beyond all reasonable limits.

We want to take this opportunity to say THANKS to all of you who have provided support for the Kamanzi's during their ordeal.

Thanks to all those who contributed funds to buy airplane tickets for Enatha and the two children, Malik and Nadia. We raised nearly \$7,000 and will now use some of that money to help cover their living expenses in Kenya.

Thanks to all of those who donated furniture and winter clothes. Much of this is being stored at St. Paul's Church and some at the Clarke's, but some is still in your homes. For the latter, we appreciate your patience but please contact the Clarke's if this is becoming a problem.

Thanks to all of those who connected us to people and organizations that have tried to help us resolve the many obstacles (NW/KLM for reduced airfares, ARC for their care in Nairobi, Congressional Offices, and the State Department

to apply pressure). Please call if you have connections to any of Minnesota's Senators and Congressman to enable us to continue to build and sustain pressure on the State Department so they know that this case is important to our community.

And thanks to all of those who prayed in their own way for the health and safety of the Kamanzi's, and for an end to the human suffering that has struck Rwanda.

Please feel free to call one of us if you have questions or have ideas you want to share with us.

Liz and Steve Clarke (735-5642)

Jim and Joan Darrell (483-2280)

Carol and Bob Stucker (483-1957)

Announcements

Congratulations to Eon Seon Jin Lee who successfully defended her dissertation for a Ph.D. in Plant Physiology. She will be returning to Korea on February 14.

Please welcome new employees to our Department:

Dr. Evgueni Ananiev - PMGI Postdoc

in Dr. Phillips' Lab

Rockney Atz - Research Assistant in

Dr. Somers' Lab

Erin Barrett - Student Secretary in

main office

Pam Schultz - Assistant Scientist in

Dr. Gengenbach's Lab

Paul M. Porter joined the faculty in the Department of Agronomy & Plant Genetics as an Assistant Professor in January, 1995. Dr. Porter will lead the Sustainable Cropping Systems research effort at the Southwest Experiment Station at Lamberton where he has a joint appointment. Paul earned his M.S. and Ph.D. degrees in agronomy at the University of Illinois. He previously served in the Peace Corps in Zaire and worked for three years on a University of Wyoming agricultural development project in Somalia. Most recently he worked at Clemson University in a joint research and extension appointment.

The seminar by Pat Hayes entitled "A Genome Map to Better Barley?" on January 23 was taped and the tape is available from Teresa in 209 Borlaug Hall.

Northrup King has purchased three seven-hole paper punch in three separate sizes: Compact, Classic, and Monarch. These are available from Jean Swanson in the main office (411 Borlaug Hall). They are not allowed out of the office and are for department use only. (We will not

purchase more planner equipment, only planner refills).

The Guy Stanton Ford Memorial Lecture will be held on Wednesday, March 15 at 12:15 p.m. at the Ted Mann Concert Hall, West Bank Campus. John Mortimer will present "Writing and the Law."

The St. Paul Bookstore will now be open from 9:00 a.m. to 5:00 p.m.

Winter Crops Day will be held at the Southwest Experiment Station on Thursday, February 9 from 12:00 noon to 4:30 p.m.

The annual meeting of the Minnesota Academy of Science will be held on April 28 and 29 at the University of Minnesota-Morris Campus. For more information, please call Alan Olness at 612-589-3411, ext. 31.

Pretty good house in pretty good place at pretty good rent! Nick Jordan and family are moving to new quarters and therefore are looking for persons to take over our rented home, available April 1. The house is on the SW corner of Como Avenue and 26th Avenue, roughly midway between St. Paul and Minneapolis campuses. It has ca. 1500 sq ft., three bedrooms, one bath and is clean, warm and comfortable. Comes with great neighbors! The rent is \$675/month. Contact Nick at 5-3754 or jorda020@gold.

A second reminder to all individuals who have borrowed slide trays from the Teaching Lab (213 Borlaug Hall) to return these trays promptly. We still are missing many trays and need them for seminars.
Teresa Schoeder

Seminars

- January 30 Plant Breeding, Mike Olsen, Interval Mapping of Quantitative Trait Loci, 3:30 p.m., 306 Borlaug Hall.
- January 31 Plant Biological Sciences Colloquium, Peggy Egli, Biochemical and genetic characterization of maize acetyl-CoA carboxylase, 3:30 p.m., 335 Borlaug Hall.
- February 1 Agronomy, Vern Ruttan, Technical Change, Agricultural Growth and Sustainable Development, 3:30 p.m., 306 Borlaug Hall.

Position Announcements
(Posted in notebook in 411 Borlaug
Hall)

UNIVERSITY OF GEORGIA
Professor/Associate Professor, Department of
Crop and Soil Sciences. Twelve-month, tenure-
track.

Closing date: March 15, 1995

IOWA STATE UNIVERSITY
Associate Dean - National Programs; Associate
Dean - State Programs; and Associate Dean -
Industry Programs.

Closing date: February 15, 1995

UNIVERSITY OF MINNESOTA
Extension Water Quality Specialist, Anoka Sand
Plain Water Quality Demonstration Project in
Becker, MN. B.S. degree required.

Closing date: March 1, 1995

R.D. OFFUTT COMPANY
Potato Field Agronomist in Park Rapids, MN.
B.S. degree required.

UNIVERSITY OF TENNESSEE
Dean, College of Agricultural Sciences and
Natural Resources.

Closing date: March 1, 1995

TEXAS A&M UNIVERSITY
Assistant/Associate Professor, Agricultural
Research and Extension Center.

Closing date: March 15, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

February 3, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

The Agronomy Undergraduate Scholarship Reception is scheduled for Tuesday, March 7, starting at 4:00 p.m. with a seminar, and followed by the awards presentations and reception. Please mark your calendars and watch for details.

Visa's will be released to the Kamanzi family. The Kamanzi's will leave as soon as the airline reservations are made.

Several copies of the new Grant-in-Aid of Research, Artistry and Scholarship application forms are available from Jeanne Davy. This grant program is administered by the Office of the Vice President for Research and the deadline for FY96 funding is Monday, March 6, 1995. All regular faculty on the University's demographic databases should receive a letter dated January 26, 1995 from Mark Brenner describing the program and inviting proposals. Older versions of the Grant-in-Aid form will not be accepted.

Are you currently using DOS-applications like Minuet and Popmail to access the Internet but work within the windows environment? If you are, you could upgrade to new windows-compatible software for 'Free.' Your only expense will be a couple of 3.5" disks and some of your own time to install and configure the software. This software allows you to access your e-mail, browse the worldwide web, FTP, and gopher. For those of you that are interested, I'm organizing a workshop to help you to set this up. If you are interested, please contact me at wiers002@maroon.tc.umn.edu.

Fuel Credit Cards - Some problems continue to occur with the PHH fuel credit cards. Some stations can accept their own credit cards electronically, but not the PHH card. When this happens ask the attendant to imprint the PHH card manually or check the station's manual for assistance in getting the card accepted. This problem should diminish as more stations convert to electronic billing. Continue to report problem stations to Fleet Services, 624-1083. The problems

are reported to PHH if the station, brand, address, date, vehicle number and type of problem are provided.

Another problem occurs when purchases are made at stations that are not on PHH's list (such as Food-N-Fuel) and Fleet Services is asked to reimburse the individual for the purchase. Effective immediately, Fleet Services will charge departments \$10.00 whenever they are required to reimburse individuals who use unauthorized stations. It is important that drivers are aware of the brands that accept the card. If you need a list of authorized brands, please contact Fleet Services.

Does anyone have back issues of Journal of Production Agriculture which they would be willing to donate to the department library for binding. We are missing, Vol. 2, No. 4, October-December 1989 and Vol. 3, No. 2, April-June 1990. Please give them to Lynne in 302 Hayes Hall. Thank you.

The Department of Political Science at the University of Oregon will convene an interdisciplinary conference entitled: The Politics of Sustainable Agriculture. Interested scholars from relevant disciplines are invited to submit a short prospectus by March 1, 1995. If you would like to submit a paper, please call Stuart Shulman at 503-346-4864 or e-mail to stu@gladstone.uoregon.edu.

You may turn in any used sweatshirt into the bookstore and get a 25% discount on a new maroon and gold sweatshirt. Remember to wear your maroon and gold sweatshirts every Friday.

Attention to all project leaders and staff that have field plots:

I need chemical requests for this year's field work. Please send or e-mail your requests by February 15, 1995. Also contact me about field plot requests and special fertilizer needs for this coming spring and summer by March 1.

Mike McClellan

4-5395/mccle004@maroon.tc.umn.edu

Seminars

February 6 Plant Breeding, Cristian Vladutu, Intragenic Recombination in Maize, 3:30 p.m., 306 Borlaug Hall.

February 8 Agronomy, Kim Genrich, Prairie Systems, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

ASGROW SEED COMPANY

Research Assistant in Oxford, Indiana. B.S. or M.S. degree in plant science or related discipline.

Closing date: February 15, 1995

UNIVERSITY OF IDAHO

Graduate Research Assistant, Department of Plant, Soil and Entomological Sciences. B.S. or M.S. degree.

Closing date: Summer, 1995

UNIVERSITY OF ILLINOIS

Postdoctoral Research Associate, Department of Agronomy. Ph.D. degree in plant biology, agronomy, or equivalent. Two-year position.

Closing date: April 1, 1995

Assistant or Associate Professor in Turfgrass Management, Department of Horticulture. Nine-month, tenure-track.

Closing date: March 1, 1995

KELTGEN

Research Technical in corn breeding. B.S. in Agronomy.

Internship in breeding of high protein in corn for undergraduate student.

UNIVERSITY OF MINNESOTA

Assistant Scientist, Southwest Experiment Station -- Lamberton. B.S. degree in agronomy, soil science, or closely related field.

Closing date: February 20, 1995

THE SAMUEL ROBERTS NOBLE FOUNDATION, INC.

Postdoctoral, Plant Biology Division.

UNIVERSITY OF WISCONSIN

Interim Agricultural Agent. B.S. required.

Closing date: February 17, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
February 10, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

The State Department has finally cleared the Kamanzi family for travel to the U.S. They are scheduled to arrive in Minneapolis (Humphrey Terminal) from Amsterdam on KLM #655 at 4:50 p.m. on Sunday, February 12. We are organizing a brief, informal reception for the Kamanzi's at the airport. You are invited to join us there to welcome them back to Minnesota. The Kamanzi's will be staying initially with the Clarke's in Woodbury (735-5642) while they look for an apartment in the Roseville area. Please feel free to contact us for further information. Thanks for everyone's support.

Steve Clarke
Joan Darrell
Bob Stucker

Please note when processing film with picture maker, the receipt you get is the only document we have to pay from. Turn it into the accounting office (406/408) as soon as you can. Whether purchasing services or products, proper procedure requires a purchase order from our department.

Marilyn Hole

REMINDER: CIVIL SERVICE AWARD NOMINATIONS ARE DUE MONDAY, FEBRUARY 20.

The University "1995 Chemical Hygiene Plan" has just arrived. Jeanne Davy has one copy which can be borrowed for xeroxing. All labs should obtain a copy to replace older versions.

A third reminder to all individuals who have borrowed a slide tray from the Agronomy Teaching Lab, please return them as soon as possible. We still are missing several trays.

New Grant Received

Maria Gallo-Meagher, RFLP subtraction: a molecular method for identifying *Fusarium graminearum* strains, \$20,600.

Career Development Workshop

The Agronomy Grad Club and Northrup King Committee are co-sponsoring a career development workshop for graduate students and postdocs on Saturday, April 1, 1995 from 8:30 a.m. to 2:30 p.m. Please put this event on your calendar! We will have guest speakers address the following topics: the interview process, oral presentation skills, effective management strategies for the workplace, and career opportunities for plant scientists. A continental breakfast, lunch and snacks will be included free of charge. Look for more details in the future.

Greenhouse Users

The following greenhouses will be sprayed with Enstar and Pentac on Saturday morning: Teaching 370A 1, 2 and 5, 370C 1, 2 and 3, 415A 7, Weeds 1 and 2. REMEMBER THE GREENHOUSES ARE CLOSED ON SATURDAYS!! The greenhouses will also get sprayed on Tuesday evenings with insecticidal soap.

New Lights: Plant Pathology has recently replaced all of the florescent and incandescent lights in their greenhouses with horizontal 400 and 1000 watt high pressure sodium lights. The Soybean Project also got involved in this light updating and they are the proud owners of six-1000 watt high pressure sodium lights. The lights are more cost efficient, require less maintenance and create much less shade. Energy Management went through our houses counting lights. They are going to do some number crunching. There is the possibility that they will buy the lights for us, depending on the energy savings factor and the possibility of a 50% rebate from NSP. If you would be interested in looking at the lights, the Soybean Project has the 1000 watt lights up in 370A 5. Plant Pathology has the lights up in the 370B range and the 415A range. If you have any questions, you can call me or Dann Adair 5-3779.

NW USERS: DO NOT touch the fan switches. There should only be one fan on during the winter months.
Pamela Altermatt

Employee Safety Training Workshops

Employees who attended the "Practicing Safe Science in the Lab" workshop on November 15 or November 17, 1994, and the "Worker Protection Standard" workshop on December 12, 1994 were erroneously instructed to keep the attendance training record sheets in their labs. The attendance training record sheets are suppose to be centrally filed in the Agronomy office for audit purposes. Lab supervisors and all other individuals who have the attendance training record sheets for these workshops and any other training, should immediately return these to Jeanne Davy in 411 Borlaug Hall.

Seminars

- February 13 Plant Breeding, JoAnn Lamb, Plant Breeding Strategies to Address Soil Remediation Problems, 3:30 p.m., 306 Borlaug Hall.
- February 14 Ph.D. Thesis Defense, Martin Fabrizio, Heterosis and Genetic Diversity in North American Spring Wheat, 9:00 a.m., 306 Borlaug Hall.
- February 15 Agronomy, Gerard Engelen Eagles, Agroecology and Biodiversity, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF AKRON

Associate Provost and Special Assistant to the President for Minority Affairs.

Closing date: February 20, 1995

IOWA STATE UNIVERSITY

Director, Extension to Agriculture. Must qualify for tenured faculty status within an academic department at ISU.

Closing date: April 15, 1995

MANAGEMENT RECRUITERS OF WILLIAMSBURG, IOWA

Sales/Agronomist - Co-Op; Agronomist/Floater/Sales - Co-Op; Sales/Agronomist Seed Companies; Sales/Feed.

UNIVERSITY OF MINNESOTA

Director, Duluth Center for Continuing Education and Summer Session, and Assistant Vice Chancellor for Academic Administration. Ph.D. or M.S. degree.

Closing date: March 17, 1995

Coordinator of Volunteers, Extension Service. Temporary position for two to twelve months.

Closing date: March 20, 1995

NORTH CAROLINA STATE UNIVERSITY

Assistant Professor, Departments of Crop Science and Animal Science. Meat Goat Management Research and Extension. Tenure-track.

Closing date: April 15, 1995

MIW
AgBlaw

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
February 17, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Ralph Wayne, 87, a leader in Minnesota's agricultural industry for the past 50 years, died Friday, February 10 of a heart condition. From 1945 to 1972, he was a dairy extension specialist and professor at the University of Minnesota, School of Animal Sciences. Funeral services were held on Wednesday, February 15.

REMINDER: CIVIL SERVICE AWARD NOMINATIONS ARE DUE MONDAY, FEBRUARY 20.

Dr. Gene Allen, Vice President for IAFHE was appointed last Friday to the new job of Provost for Professional Studies. Dr. Allen will continue to oversee the Colleges of Agriculture, Forestry, Home Economics and Natural Resources. He will also oversee the Colleges of Law, Architecture, Public Affairs, Education and Management.

The following have accepted the interim positions listed below. The start date for these positions is February 16, 1995:

- Acting Associate Dean (.50 FTE) - Dr. Gary Gardner
- Acting Assistant Director, MAES (.50 FTE) - Dr. Gary Lemme
- Acting Assistant Dean for Planning (.50 FTE) - Dr. Bev Durgan

The Gopher Crops and Soils Club will be having their Annual International Night on Wednesday, February 22 at 5:30 p.m. in 306 Borlaug Hall. All students, staff, and faculty are invited to attend. We ask that you bring a dish from your nationality to share. Please help us plan by letting Lynne Medgaarden (302 Hayes Hall) know what you will be bringing.

Kinko's on Cleveland Avenue is closing. There is other Kinko's in Dinkytown, West Bank and Stadium Village. Free pick-up and delivery is available.

DOA - FY 1995, Food and Agricultural Sciences, National Needs Graduate Fellowship Grants Program. Deadline is April 14, 1995. See Jeanne for information.

Plant Breeding Discussion Group meeting with Dr. Ronald Ferris (Corn Breeding Director, Northrup King) will be held on Thursday, February 23 at 3:30 p.m. in 408 Hayes Hall. Topic: Public and Private Plant Breeding: The Industry's Perspective. On March 6, the department will be hosting Stephen Baenziger (Nebraska) who will talk about public plant breeding.

We invite you to come to the Annual Soup Lunch Charity on Thursday, March 2 from 11:45 a.m. to 1:30 p.m. in 306 Borlaug Hall. This event has been held by the Graduate Club since 1991. All money that we gather goes to the Second Harvest St. Paul Food Bank. We ask each of you to donate at least \$3.00, and those that contribute with soups to donate at least \$1.00. Usually students, staff, and faculty contribute with soups of their own. It is amazing how diverse and delicious they are. Come and enjoy this nice meal and you still will be contributing to charity (your \$3.00 donation buys sixty dollars worth of food at the food bank). So don't forget, mark it in your planners. We will be looking forward to seeing you there.

The Soup Lunch Committee

The Japanese Government (Monbusho) offers scholarships for 1995 to foreign students who are willing to study in the Agricultural Development Graduate School of Agriculture and Agricultural Life Sciences (GSALS) at the University of Tokyo. See Jeanne for details.

Graduate Students: The Department of Plant Biology maintains a subscription to the Life Sciences edition of "Current Contents" (with abstracts) on disk and a Macintosh computer and printer dedicated to "Current Contents." My laboratory installs new issues each week. To help introduce you to "Current Contents on Disk," Shelly Whelan of my lab will demonstrate its use on Wednesday, February 22 at 4:30 p.m. in 720 Biological Sciences Center, where the computer is installed. If this time is not convenient and if there is sufficient interest, we can also schedule a second demonstration. Robert Brambl

A Safety Seminar is scheduled on Thursday, March 16 from 10:30 a.m.-12:30 p.m. in 335 Borlaug Hall. Dr. John Shutske will present a seminar on prevention of machine injuries and agricultural health concerns. All University personnel who work in and around field plots are encouraged to attend. All University of Minnesota employees that apply any type of pesticide must hold a current pesticide applicators license.

Congratulations to Pam Groth (USDA) on her new baby boy born on January 16. Taylor weighed 7 lbs. 14 oz. He joins big brother Joshua.

Someone removed Patrick Hayes' picture from the wall in 306 during his recent visit to our department. Please return the photo to the wall immediately. Thank you.

There are extra Minneapolis White Pages down in the loading dock of Borlaug Hall. Help yourself.

There is a faculty meeting today at 1:00 p.m. in 306 Borlaug Hall.

Women in Agricultural Science

Our next meeting will be at 12:00 noon on Tuesday, February 21 in 491 Borlaug Hall. Linda Myers will be our guest speaker. The topic is Science and School Girls. She will talk about her experiences and observations teaching science to junior high students. Everyone is welcome!

Career Development Workshop

The Agronomy Grad Club and Northrup King Committee are co-sponsoring a career development workshop for graduate students and postdocs on Saturday, April 1, 1995 from 8:30 a.m. to 2:30 p.m. Please put this event on your calendar! We will have guest speakers address the following topics: the interview process, oral presentation skills, effective management strategies for the workplace, and career opportunities for plant scientists. A continental breakfast, lunch and snacks will be included free of charge. Look for more details in the future.

Seminars

February 17 Biological Process Technology Institute, Art Eschenlauer, Engineering PHA Biosynthesis for Plant Systems: Building an *E. coli* Model, 4:00 p.m., 239 Gortner Laboratory.

February 20 Plant Breeding, Gustavo Robleto, Breeding Apples, 3:30 p.m., 306 Borlaug Hall.

February 21 Ph.D. Thesis Defense, Sandra Milach, Genetic Characterization and Molecular Mapping of Dwarfing Genes in Oat, 1:00 p.m., 306 Borlaug Hall.

February 22 Agronomy, Todd Pester, Soil Health, 3:30 p.m., 306 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

HAMLIN UNIVERSITY

Assistant Professor, Biology Department. Tenure-track.

Closing date: March 14, 1995

UNIVERSITY OF MINNESOTA

Student Worker/Manager, Horticulture Display/Trial Garden. Part-time spring quarter, full-time summer. Contact Brad Peterson at 4-7404 ASAP.

Graduate Research Assistant, Minnesota Center for Survey Research. Appointment is from March 1-June 15, 1995.

Closing date: February 22, 1995

UNIVERSITY OF NEBRASKA-LINCOLN

Research Technologist I, Department of Agronomy. B.S. or M.S. degree.

Closing date: March 10, 1995

UNIVERSITY OF NEW HAMPSHIRE

Assistant Professor, Department of Plant Biology. Tenure-track.

Closing date: March 3, 1995

ORGANIC GROWERS AND BUYERS ASSOCIATION

Certification Committee Members. Flexible, part-time hours. Hourly rate plus mileage.

UNIVERSITY OF WISCONSIN

Agricultural Agent, Cooperative Extension. M.S. degree, tenure-track.

Closing date: March 27, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
February 24, 1995

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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Dr. Burnham has been suffering from atrial fibrillation (fast heartbeat) and had some congestive heart failure. He is on medication, but still has some fluid in his lungs. He is not walking this week, but hopes to improve. Visitors are welcome at the nursing home.

Felicitaciones - a Sandra en tu graduacion. (Congratulations to Sandra Milach on passing her Ph.D. defense).

This Sunday afternoon, February 26 from 1:00-6:00 p.m. at the Shoreview Community Center, the department will be having its Winter Get-Together. Everyone is welcome. You can register at the door (\$4.00 adults; \$1.50 children 3-12). Potluck supper will be at 4:15 p.m. and a magic show at 5:00 p.m.

Don't forget that next Thursday, March 2 in 306 Borlaug Hall from 11:45 a.m. to 1:30 p.m., we will be serving a wide variety of soups in order to raise money for the St. Paul Food Bank. Each person must donate at least \$3.00, except for those who contribute with soups, they must donate at least \$1.00. We hope you will come and enjoy the soups. Looking forward to seeing you there.

Soup Lunch Committee

The Humphrey Institute has received a major award from the Ford Foundation to promote interdisciplinary policy research at the University of Minnesota. Humphrey Institute research activity falls into four broad clusters: community and economic development, international economic policy, science and technology policy, and citizen participation and public leadership. The Institute especially welcomes proposals that address challenges in science policy and policy issues concerning gender, race, and class. For further information, please contact Associate Dean Robert Kudrle at 625-3338 or stop in at 300 Humphrey Center.

Paul Porter at the Southern Experiment Station is now connected to e-mail:
PPORTER@maroon.tc.umn.edu.

A panel discussion will be held on international pesticide use issues entitled "In the Shadow of Poison?" on Wednesday, March 1 at 3:00 p.m. in 365 Borlaug Hall. Keynote speaker is Dr. Norbert Hirschhorn. Refreshments will be served at 2:45 p.m.

The Kermit Olson Memorial Lecture sponsored by the Horticulture Department will be held on Monday, March 6 at 4:00 p.m. The speaker this year is Dr. David Pimentel, Professor of Insect Ecology and Agricultural Science at Cornell University. The lecture will be held in 33 McNeal Hall on the St. Paul Campus. Scholarship and awards ceremony is at 3:30 p.m.

A time change has been made for the Plant Breeding Seminar on March 6. It will begin at 3:00 p.m., not 3:30 p.m. Dr. Stephen Baenziger's topic is "The Future of Public Plant Breeding."

Minnesota Academy of Science will hold their 63rd Annual Meeting on April 28-29 at Morris. You must preregister by April 20. For more information, please call Alan Olness at 612-589-3411.

The hot water service for Borlaug Hall will be shut off on Tuesday, February 28 from 8:00 a.m. to 12:00 noon. This outage may affect any or all lavatory sinks and lab faucets. Please notify Rick Schramm at 624-4955 of any problems which would prevent the interruption from proceeding on schedule.

A sign up sheet for April 1995 to March 1996 Franklin Planner refills can be found in 411 Borlaug Hall. Be sure to sign up in the correct refill size column when ordering. Please sign up by March 15th to be included in our department group order.

Career Development Workshop

Grad Students and Postdocs - a sign up sheet for the workshop (scheduled for April 1 from 8:30 a.m. to 2:30 p.m.) has been placed at the front desk in 411 Borlaug Hall. Please sign up before March 10 if you plan to attend so that we can plan for snacks, food, and other amenities!

Greenhouse Users

Please remember to throw out your plant materials as soon as you are finished with them. This practice is a very important part of insect and disease control.

Anyone wanting space to start garden plants, please talk to me.

A new month is coming up, EVERYBODY check your greenhouses. We all need to do some cleaning.

The greenhouses will not be sprayed this weekend, but they will be sprayed on Wednesday with insecticidal soap.

Thanks for your help and cooperation.

Pamela Altermatt

Plant Breeding Graduate Students

Dr. Stuthman will teach Agronomy 8280, Current Topics in Plant Breeding spring quarter 1995. He would like to get a list of the students who plan to take this course. Please sign up with Lynne in 302 Hayes Hall by Monday, March 6 if you are planning to enroll. Thank you.

Seminars

February 27 **Plant Breeding**, John McLaughlin, Breeding Soybeans for Improved Iron Uptake Efficiency, 3:30 p.m., 306 Borlaug Hall.

March 1 **Agronomy**, Wayne Selberg, The No-till Soil Environment and Nitrogen Management, 3:30 p.m., 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)
UNIVERSITY OF KENTUCKY
Graduate Research in Soil Physics, Agronomy Department.

Closing date: May 15, 1995

OHIO STATE UNIVERSITY

Extension Associate - Weed Science, Department of Agronomy. M.S. in weed science. Full-time, nontenure-track.

PIONEER HI-BRED INTERNATIONAL, INC.
Postdoctoral Associate in Protein Biochemistry. Ph.D. in biochemistry.

Closing date: March 17, 1995

Senior Research Associate in Protein Biochemistry. B.S. in biochemistry.
Start immediately

RUTGERS

Turfgrass Ecologist, Plant Pathology Department. Tenure-track, twelve-month appointment.

Closing date: March 31, 1995

Turfgrass Pathologist/Mycologist, Plant Pathology Department. Tenure-track, twelve-month appointment.

Closing date: May 31, 1995

UNIVERSITY OF TENNESSEE

Dean, College of Agricultural Sciences and Natural Resources.

Closing date: March 1, 1995

UNIVERSITY OF TEXAS

Dean of the School of Management.

Closing date: February 27, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 3, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Funeral services for Mrs. Grace Bedbury were held on Monday, February 27. Mrs. Bedbury worked with Carl Borgeson in the Foundation Seed Project. She was 91 years old.

Reminder to all faculty, postdocs and other academic professional staff: If you take vacation, please turn in "Request for Absence" forms to Jeanne. The department is required to keep records of all vacation earned and used. See Jeanne if you have questions about vacation policy. Thanks.

The spring commencement ceremony will be on Friday, May 12 at 1:00 p.m. this year. Any graduate student wishing to attend must do the following by Monday, April 3, 1995:

1. Pick up their graduation packet in 316 Johnston Hall.
2. Submit the Application for Degree form from this packet to 150 Williamson or 130 Coffey Hall.
3. Submit the Commencement Attendance form from this packet to 316 Johnston Hall.

Doctoral students must have an approved Thesis Proposal form on file in 316 Johnston Hall and must bring in a copy of the title page of their thesis in order to receive their graduation packet.

Master's Plan A students must have an approved Degree Program form on file in 316 Johnston and must bring in a copy of the title page of their thesis in order to receive their graduation packet.

Master's Plan B, MSW, MFA, MBA, and Specialist Certificate, students must have an approved Degree Program form on file in 316 Johnston Hall and must call or come in to receive their graduation packet.

Just a reminder, it takes about two to four weeks right now for us to approve a Degree Program or Thesis Proposal form, so students should file them ASAP if they want to attend the ceremony. Please share this information with your graduate faculty and students. Thank You.

There will be a farm training safety seminar on Thursday, March 16 from 10:30 a.m. to 12:30 p.m. in 335 Borlaug Hall. Dr. John Shutske will speak on the prevention of machinery/tractor injuries and agricultural health concerns including respiratory problems, hearing loss and cancer (primarily skin). This is for Project Personnel that use the departments and projects equipment such as tractors, tillers, planters, mowers, carter harvesters, threshers, and similar plot equipment. All employees who work in and around field plots are required to attend to fulfill MERKTA requirements. Mark your calendars.

The exhaust system in Crops Services Building will not be up and running until the middle of next week.

To All Users of the Crops Services Building: I have just finished throwing out unmarked samples that were sitting on carts, racks, tables, the floor and dryers. These samples were collecting mice dirt and were in other peoples way. If these were of some importance to anyone, its too late. If they were no longer of any importance, then they should have been thrown in the dumpster. Mike McClellan (4-5395)

Employee Safety Training Workshops: Employees who attended the "Practicing Safe Science in the Lab" workshop on November 15 or November 17, 1994, and the "Worker Protection Standard" workshop on December 12, 1994 were instructed to keep the attendance training records sheets in their labs. The attendance training record sheets are suppose to be centrally filed in the Agronomy Office for audit purposes. Lab supervisors and all other individuals who have the attendance training record sheets for these workshops and any other training, should return these to Jeanne Davy in 411 Borlaug Hall immediately. Many of the attendance training sheets still have not been returned to Jeanne. Check your files and return them immediately so that the department has a record of your training.

The University "1995 Chemical Hygiene Plan" has just arrived. Jeanne Davy has one copy which can be borrowed for xeroxing. All projects should obtain a copy to replace older versions.

Please check the departmental phone list to see if there are any changes in your phone number, office or lab. Report any changes to Muriel in 411 Borlaug Hall

Civil Service Excellence Award and longevity certificates will be presented on Friday, March 17 at 3:00 p.m. in 306 Borlaug Hall. Join the department in celebrating the continued contributions made by all civil service personnel and to honor this year's recipient of the Civil Service Excellence Award. Refreshments will be served.

Rob Meyers is the new Director of Sustainable Agriculture Programs at USDA. He will provide leadership for the Sustainable Agriculture Research and Education (SARE) program, the Agriculture in Concert with the Environment (ACE) program, and Extension program funding for sustainable agriculture training. Myers, reared on a grain farm in central Illinois, was Project Leader for Alternative Crops at the University of Missouri, with an appointment on the agronomy faculty. During 1988-89, he was the American Society of Agronomy Congressional Science Fellow, assigned to the U.S. House of Representatives Committee on Agriculture. His Ph.D. and M.S. degrees in agronomy are from the University of Minnesota.

Career Development Workshop

Grad Students and Postdocs - a sign up sheet for the workshop (scheduled for April 1 from 8:30 a.m. to 2:30 p.m.) has been placed at the front desk in 411 Borlaug Hall. Please sign up before March 10 if you plan to attend so that we can plan for snacks, food, and other amenities!

Greenhouse Users

Knox Out PT265 will be sprayed on Saturday, March 4 in the following greenhouses: Teaching 4 and 5, 415A 7, 370A 1 and 2 and 5, 370C 1 and 2, Weeds 1 and 2. Enstar will be sprayed in Weeds 5.

DON'T FORGET THE GREENHOUSES ARE CLOSED ON SATURDAYS!!

CLEAN, CLEAN, CLEAN, if you don't, \$\$\$\$. I am going to be a broken record about this. Things are looking much better. Please keep up the cleaner environment. Thanks for your cooperation!

Pamela Altermatt
Agronomy Greenhouses

Home for Rent Needed

A visiting professor from the University of Cordoba, Spain will be working in our department for six months, and his family will be joining him. He is looking for a two or three bedroom house to rent from July through December, 1995. If you have a house to rent or know of anyone who has, please contact Kate Plaisance at 625-2797 during the day or at 645-0313 in the evenings.

Women in Agricultural Science

Our next meeting is Tuesday, March 7 at 12:00 noon in 491 Borlaug Hall. We will be discussing an excerpt from the book "Schoolgirls." The topic will be "Sexual Harassment and the Middle School." A copy of the reading is on the bottom shelf of the reserve section in the Plant Pathology Library. Everyone is welcome.

Seminars

March 6 Plant Breeding, Stephen Baenziger, Public Plant Breeding, 3:30 p.m., 306 Borlaug Hall.

March 8 Agronomy, Paulo Monjardino, Mechanisms by Which Water Stress Affects Flower Development in Maize, 3:30 p.m., 306 Borlaug Hall.

March 15 Research Plans for Agronomy Project at Southern Experiment Station, Gregg Johnson and Tom Hovenstad, 12:00-1:30 p.m., 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

IOWA STATE UNIVERSITY

Research Geneticist, Department of Agronomy.

LOUISIANA STATE UNIVERSITY

Assistant/Associate Professor, Agronomy Department. Tenure-track appointment in teaching (48%) and research (25%).

Closing date: August 1, 1995

NEW MEXICO STATE UNIVERSITY

Extension Vegetable Specialist, Plant Sciences Department. Tenure-track, 100% extension.

Closing date: May 1, 1995

SOUTH DAKOTA STATE UNIVERSITY

Extension Agent - Agriculture. Temporary, twelve-month appointment. B.S. in an agricultural field.

Closing date: March 24, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 10, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

We want to thank all those that contributed to the soup lunch. We were able to collect \$305.01. This cash will be donated to the Second Harvest St. Paul Food Bank and that will allow them to purchase over \$6,000 worth of food for those in need. The soups were delicious and the bread was also great (donated by Cafe Latte). We look forward to your participation again next year.

Soup Lunch Committee

Congratulations to Gerard and Debra Engelen-Egles on their new baby boy born on Sunday, March 5. He weighed 6 lbs. 12 oz. and was 21" long.

Civil Service Excellence Award and longevity certificates will be presented next Friday, March 17 at 3:00 p.m. in 306 Borlaug Hall. Join the department in celebrating the continued contributions made by all civil service personnel and to honor this year's recipient of the Civil Service Excellence Award. Refreshments will be served.

The 1995 Hayes Graduate Student Award will be presented to Phil Schwab who majored in agronomy under Dr. Barnes. The Memorial Lecture will be presented by Dr. Jaleh Daie, Professor of Botany, University of Wisconsin, Madison, who is senior science advisor to the University of Wisconsin system and President of the National Association for Women in Science, Washington, D.C. Please mark your calendars for Friday, June 2 from 3:00-5:00 p.m. The lecture will be at 3:00 p.m. in 335 Borlaug Hall, with a reception following in 306 Borlaug Hall.

Gopher Crops and Soils Club - New officers take office Spring Quarter 1995

President - Vance Johnson

Vice President - Marty Kral

Treasurer - Ryan Lee

Recording Secretary - Nykee Hutchison

Corresponding Secretary - Sharon Gherity

Crops Kit Chair - Marsha Motl

Crops Kit Co-Chair - William Patzoldt

The Board of Regents approved the following new names:

College of Agricultural, Food, and Environmental Sciences (was COA);

Department of Soil, Water, and Climate (was Soil Science);

Department of Biosystems and Agricultural Engineering (was Agricultural Engineering);

Department of Agricultural and Applied Economics will become the Department of Applied Economics next month.

The farm training safety seminar will be held on Thursday, March 16 from 10:30 a.m. to 12:30 p.m. in 335 Borlaug Hall. All employees who work in and around field plots are required to attend to fulfill MERKTA requirements. Dr. John Shutske will speak on the prevention of machinery/tractor injuries and agricultural health concerns.

You are invited to a presentation showcasing community-based University programs addressing the need for violence reduction/prevention. It will be held on Friday, March 17 from 10:00 a.m. to 12:00 noon at the Bell Museum Auditorium.

Reminder to all projects to let Mike McClellan know about the St. Paul field plot needs for this spring as soon as possible. Please call him at 4-5395.

Dr. Stephen Baenziger's seminar "The Future of Public Plant Breeding" was videotaped. The tape can be obtained from Teresa in 209 Borlaug Hall.

The St. Paul Campus retirement celebration will be held on Tuesday, May 23, including noon lunch and afternoon activities at the Earle Brown Center.

Friday, March 24 is a floating holiday. The University of Minnesota will be closed.

Seminars

- March 13 Plant Breeding, Nadyia Al-Saady, Breeding for Stress Tolerance, 3:30 p.m.,
306 Borlaug Hall.
- March 15 Research Plans for Agronomy Project at Southern Experiment Station, Gregg Johnson and
Tom Hovenstad, 12:00 p.m., 306 Borlaug Hall.
- March 17 M.S. Thesis Defense, A.J. Bussan, Selection for Weed Competitiveness in Soybean
Cultivars, 9:00 a.m., 306 Borlaug Hall.

Position Announcement (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Assistant Professor, Department of Agronomy and Range Science. Career-track, 11-month.
Closing date: April 21, 1995

COMPATIBLE TECHNOLOGY, INC.

Fund Raiser and Office Manager. Strong computer skills.
Start as soon as possible.

HAMLIN UNIVERSITY

Assistant Professor, Biology Department. Tenure-track.
Closing date: March 14, 1995

UNIVERSITY OF MINNESOTA

Director, University-wide Center on Aging, Humbert H. Humphrey Center.
Closing date: March 15, 1995

Director, Office of Equal Opportunity and Affirmative Action. B.A. degree, seven years of
administrative experience.

Closing date: April 14, 1995

NORTH CAROLINA STATE UNIVERSITY

Extension Associate or Extension Associate (Postdoctoral). M.S. or Ph.D. in horticulture or related
field.

Closing date: March 10, 1995

PRO AG CROP CONSULTANTS, INC.

Summer Crop Scout (\$6.00/hr), St. Cloud, MN.

SOUTH DAKOTA STATE UNIVERSITY

Postdoctoral Research Associate, Department of Plant Science. Non-faculty appointment, 100% time.
Closing date: April 7, 1995

TEXAS AGRICULTURAL EXPERIMENT STATION

Research Associate. Non-faculty, M.S. degree.

Closing date: May 31, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 17, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Congratulations to Dawn Wyse and Todd Pester who will be married tomorrow in Forest Lake.

Congratulations to Larry Smith who received the Outstanding Faculty Award for contributions to Agricultural Education presented by the Agricultural Education Club on Tuesday, March 7.

Civil Service Excellence Award and longevity certificates will be held today at 3:00 p.m. in 306 Borlaug Hall. Join the department in celebrating the continued contributions made by all civil service personnel and to honor this year's recipient of the Civil Service Excellence Award. Refreshments will be served.

Don Barnes' retirement party is set for Saturday, June 10 at 6:00 p.m. at Lido's Restaurant in Roseville. More details will follow.

A note from Kent Crookston:

On Wednesday, March 15, I attended the Minnesota Grass Seed Growers' 45th annual meeting in Warroad Minnesota. I want to share with the rest of the Department some highlights. Research presentations by Nancy Ehlke, Don Wyse and Blair Waldron were excellent. They're on an exciting research track that promises to bring some valuable products to the growers up there. The meeting was concluded by a very nice presentation from Laddie Elling on the history of the Department's involvement with the growers. The group sprang to a standing ovation as Laddie concluded.

For a special treat, Laddie arranged for a private guided tour of the Marvin Window Plant. It was truly amazing, and inspiring to see what is being done up there in the boondocks. We saw beautiful windows being made for delivery to every corner of the country as well as Latin America and the Pacific Rim. We saw windows that will be going into restoration projects in Tennessee and New York (graceful, curving masterpieces). But the highlight was that we saw them making the windows for Hayes Hall. They look BEAUTIFUL folks. Plans are for them to be installed in July. Bill Marvin is doing us a GREAT favor.

The two-day workshop "Making Change Work for You" will be at the Earle Brown Center, Monday and Tuesday, March 20 and 21. Day one is from 8:30 a.m. to 4:30 p.m.; Day 2 is from 8:30 a.m. to 2:30 p.m. Lunch will be provided.

There will be a Civil Service Meeting on Thursday, March 23 at 9:30 a.m. in 408 Hayes Hall.

A reminder to begin planning. The deadline for receipt of Title-Summary forms is April 8 for the ASA meetings to be held in St. Louis on October 29-November 3, 1995.

The retirement lunch date announced last week was incorrect. The correct date is Tuesday, May 9.

The course Agro 3020/5120 will be conducting bottle biology experiments this spring. We need many rinsed 2-liter plastic pop bottles (preferably with lids, but okay if without). Please save your bottles and leave them at the Agronomy Teaching Lab (207 Borlaug Hall).

Teresa Schoeder

Bob Brambl (Plant Pathology) left a tray and set of slides in the projection booth in 306 Borlaug Hall on Monday, March 6. If you know where these slides are, please contact me at 625-7080.

The deionized water service will be shut off on Monday, March 20 from 8:00 to 11:00 a.m. in Borlaug Hall. Please notify Rick Schramm at 624-4955, of any problems which would prevent the interruption from proceeding on schedule.

Employees who did not attend the Farm Safety Seminar on Thursday, March 16, 1995, and who work with farm equipment in and around the fields, are required to view the two-hour makeup video of this seminar to fulfill MERTKA training requirements. Please contact Teresa Schoeder (209 Borlaug Hall, phone 5-1748) to view this video.

Upcoming Special Events of the University of Minnesota, Southern Experiment Station, Waseca. (A few of the events will be held at Rochester and Mankato).

	1995	
Horticulture Day		April 5, 1995
Crops and Soils Field Day		June 20, 1995
Rochester Field Tour		June 23, 1995
Midwest Food Processors Raw Products Committee Field Day (tentative)		July 12, 1995
Corn and Soybean Field Day		September 14, 1995
Clergy Day		September 15, 1995

	1996	
Swine Day - Mankato		January 9, 1996
Winter Crops Day - Rochester		January 24, 1996
Winter Crops Day - Mankato		January 25, 1996

Women in Agricultural Science

Our next meeting is on Tuesday, March 21 at 12:00 noon in 302 Stakman Hall (note room change). We will be planning what films will make up our spring quarter film series on "Women in Agriculture," and who will be responsible for discussions. Everyone who is interested is encouraged to attend.

Greenhouse Users

There will be a meeting on Tuesday, March 21 at 1:00 p.m. in the Plant Pathology Greenhouse Teaching Lab. We will be meeting with Mike Pumroy to determine numbers of new lights for the greenhouses. I would like a rep from each project to be at the meeting. This will also give you an opportunity to see the new lights in some of the Plant Pathology greenhouse sections.

Thank you

Seminars

March 22	<u>Ph.D. Thesis Defense</u> , Jochum Wiersma, Recurrent Selection for Kernel Weight in Spring Wheat, 1:00 p.m., 306 Borlaug Hall.
March 23	<u>Special M.S. Seminar</u> , Jonathan Shaver, Molecular Genetic Modification of Maize Dihydrodipicolinate Synthase, 9:00 a.m., 306 Borlaug Hall.

Position Announcement (Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY
Extension Specialist, Department of Agronomy.
Full-time, tenure-track.
Closing date: April 21, 1995

UNIVERSITY OF MINNESOTA
Teaching Assistant, Department of Horticultural Science.

UNIVERSITY OF MISSOURI-COLUMBIA
Extension Assistant Professor, Department of Entomology. Nontenure-track, 100% extension.
Closing date: June 1, 1995

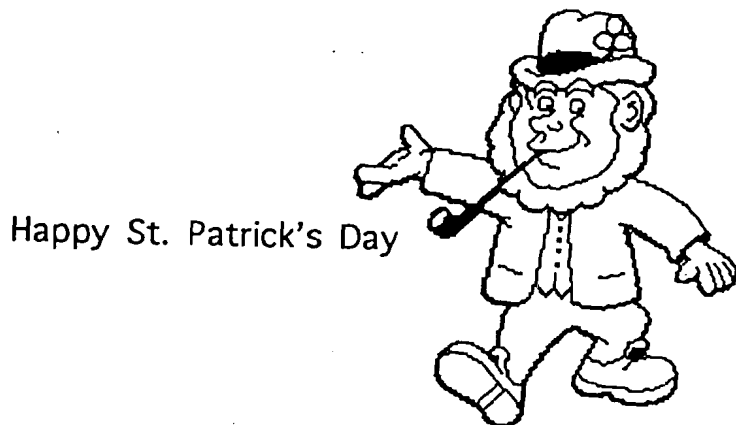
Environmental Nutrient Management Specialist, Agronomy Extension. Nontenure-track.
Closing date: June 2, 1995

ORGANIC MARKETING PROJECT
Office Manager. Full-time. B.S. degree required.
Closing date: March 20, 1995

NORTH DAKOTA STATE UNIVERSITY
Scientist, Department of Plant Sciences. Ph.D. in plant breeding, 12-month, nontenure position.
Closing date: May 1, 1995

SULTAN QABOOS UNIVERSITY
Assistant or Associate Professor, Department of Plant Sciences.
Closing date: September 30, 1995

UTAH STATE UNIVERSITY
Assistant/Associate Professor, Department of Animal, Dairy, and Veterinary Sciences. Tenure-track, 12-month.
Closing date: May 15, 1995



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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
March 31, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Please note on your calendars the following:
Project Seminar Schedule
306 Borlaug Hall, 12:00-1:30 p.m.

- April 18 Jim Orf
 Bev Durgan
- April 21 Maria Gallo-Meagher
 Paul Porter
- April 25 Nick Jordan
 Gregg Johnson
- April 28 Don Rasmusson
 Robert Stucker

Women in Agricultural Sciences

Our first meeting for the Spring Quarter will be Tuesday, April 4 at 12:00 noon in 491 Borlaug Hall. We have narrowed down the choices for our film series, and we'll be making the final selections and discussion assignments at this meeting. Even though you may not have attended the last few meetings, we still want your input!

Graduate Students, Faculty and other interested persons

An open discussion with Jane Shey and Tim Penny will be held on Thursday, April 6 in 306 Borlaug Hall.

The schedule will be:

- Refreshments 3:45-4:00 p.m.
- Jane Shey 4:00-4:30
- Tim Penny 4:30-5:00
- Open Discussion 5:00-5:30

Jane Shey is an Agricultural Lobbyist in Washington, DC. Her primary clients are agribusinesses, such as John Deere, Pioneer, Monsanto and Ciba. She represents them as a group under the banner "Agri-Business Coalition for Foreign Market Development." In 1992-94, she led Tim Penny's House Agricultural Subcommittee on Foreign Agriculture and Hunger.

Tim Penny served as a Minnesota State Senator from 1976-82, and as a U.S. Congressman from 1982-

94. Since returning to Minnesota, he continues his involvement in public policy through his work at the U of M Humphrey Institute and the Center for International Food and Agricultural Policy. Please plan to attend.

Greenhouse Users

REMEMBER: The greenhouses are closed on Saturdays for spraying. The following greenhouses will be sprayed with Enstar + Pentac: Teaching 4 and 5, 370A 1 and 2 and 5, 370C 1 and 2, 415A 7, Weeds 1 and 2. Weeds 5 will be sprayed with Enstar.

The following are pointers on pest management from the University of California, Riverside: Plants that are heavily infested should be removed from the greenhouses and destroyed. All weeds and plant debris generated from pinching, should be removed from the greenhouses each day. Research has demonstrated the effectiveness of cultural strategies which reduce dependence on chemicals and extend their effectiveness by slowing the development of chemical resistance in insect pests.

The greenhouses are being sprayed on the weekends but we all need to do our part to help control pests.

A REMINDER: I have been finding the greenhouse doors unlocked in the morning.

If you unlock a door, please remember to lock it again or if you are in the houses in the late afternoon, please make sure the door you are using is locked. The missing items could be yours.

Another month is coming up—please clean up your greenhouses. Thanks for your help!!
Pamela Altermatt

Vehicles

The two Caravans and Buick Century vehicles will be moved and parked for the summer and fall in the Small Grains Greenhouse Parking area starting on Monday, April 3.

Reminder

The Career Development workshop will be held on Saturday, April 1 from 8:30 a.m. to 2:30 p.m. in 306 Borlaug Hall. Food and refreshments will be provided. There is space for a few more people if you wish to attend.

ICE CREAM

You are invited to a Sundae "Afternoon" on Wednesday, April 5 at 3:00 p.m. in 306 Borlaug Hall. This is a fund-raiser by the Social Committee. Everyone in the department is invited. Hope to see you all there.

Seminars

April 3 Special Plant Breeding Seminar, Dr. Forrest Troyer, Breeding Widely Adapted, Popular Corn Hybrids, 3:30 p.m., 306 Borlaug Hall.

Special Noon Hour Discussion with Forrest Troyer, The Search for 'Minnesota 13' and the re-discovery of Dr. Willet M. Hays, another premier Minnesota Plant Breeder, 12:00 noon, 306 Borlaug Hall. This noon discussion on 'Minnesota 13' involves the history of a famous old variety. Troyer's search lead him into the University of Minnesota archives and to the records of Dr. Willet M. Hayes. The discussion on Monday is Troyer's account of the search and the information he discussed, both on 'Minnesota 13' and on Dr. Hays. If you like history and an interesting story, come to the noon discussion. It is a little about corn but mostly it is a great story about our past and the activities of one of our very early varieties. Professors of Plant Breeding - Is 'Minnesota 13' actually "Pride of the North?"

The Plant Breeding Discussion Group will meet with Dr. Troyer at Dr. Stucker's home at 7:00 p.m. Everyone is invited.

April 5 Candidate for Waseca Nematologist/Plant Pathologist Position, Dr. Eric Tedford, Department of Plant Pathology, Biological Control of Plant-Parasitic Nematodes: A Population Biology Approach, 10:00-11:00 a.m., 491 Borlaug Hall. Seminar open to the public.

Position Announcement (Posted in notebook in 411 Borlaug Hall)

LOUISIANA STATE UNIVERSITY

Instructor in Agronomy (Environmental Management), Department of Agronomy. Full-time instructor.
Closing date: June 30, 1995

UNIVERSITY OF MINNESOTA

Research Fellow, Horticulture Department. Full-time and is available for two years starting July 1, 1995.

UNIVERSITY OF WISCONSIN-PLATTEVILLE

Dean of the College of Liberal Arts and Education.
Closing date: July 1, 1995

U.S. DEPARTMENT OF AGRICULTURE

Molecular Biological Laboratory Technician. Two year term.

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 7, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Congratulations to Lisa Gulbranson who has been re-classified to Assistant Scientist.

The annual departmental retreat is scheduled for September 18 and 19. We have space reserved at the Riverwood Conference Center. Please note these days in your calendar and make every effort to keep them clear. Excellent attendance at our retreats makes them an especially valuable time.

The two Caravans and the Buick Century are now located in the Small Grains Greenhouse parking lot.

The check out pickup will be #3714 (extended red F150). Keys will be kept with the other departmental vehicle keys by Marilyn's desk in 408 Borlaug Hall. The truck will be parked also at the small grains greenhouse.

Fleet services has issued new black plastic electronic keys for getting fuel at the St. Paul pumps. It won't be until sometime next week that the system will be up and running. All Department and Project vehicles will get one of these devices for each vehicle.

Any questions, please call Mike at 4-5395.

MCIA has a large number of seed storage boxes to give away. The heavy-duty, high quality cardboard boxes have a lid, and measure approximately 5" x 5" x 8." Contact Mary Ann Grover at 5-7766. These boxes would be excellent for a variety of uses.

A conference to establish the Minnesota Agroforestry Coalition will be held on Tuesday, April 18 from 8:30 a.m. to 4:30 p.m. at the Earle Brown Center. Presentations will be made by UM, NRCS, and the National Agroforestry Center. See posting for schedule. Les Everett, 5-6751

Two lunches were stolen out of the refrigerator in 306 Borlaug Hall. If you don't have funds to bring your own food, and decide to eat someone else's lunch, at least have the courtesy to leave the tupperware containers in 306 Borlaug Hall.

Grad Students

Due to potential retirements by at least two faculty members at the West Central Experiment Station, they have decided to change the date of the Summer Station Day and cancel the Fall Field Day.

- June 29 - afternoon Ag Professional Tour
- June 29 - evening Retirement Celebration
- June 30 - morning Summer Station Day
- July 29 - evening Horticulture Night
- September 12 Fall Field Day-CANCELED

Department Visioning Committee

On March 20 and 21, thirty members of the Department attended an in-house workshop entitled "Making Change Work For You." The workshop was led by Ms. Judith Noel with Seapoint Consulting Corporation of Kittery Point, Maine. Judith helped attendees understand their basic personality types, and demonstrated how each major type deals with, and can contribute to constructive change. An outcome of the workshop was the formation of a Departmental Visioning Committee.

The Visioning Committee, chaired by Nick Jordan, is presently made up of volunteers who are interested in learning about visioning, and in using it to maintain and improve our department [initial members include Burle Gengenbach, Dave Somers, Beth Schreiber, Maria Gallo-Meagher, Stephen Fox]. The Committee assumes that effective visioning will be an ongoing process. If you are interested in joining the Committee, or in meeting or working with them, please contact Nick. NOTE: staff and graduate students are especially welcome!

Project Seminar Schedule

306 Borlaug Hall, 12:00-1:30 p.m.

April 18	Jim Orf Bev Durgan
April 21	Maria Gallo-Meagher Paul Porter
April 25	Nick Jordan Gregg Johnson
April 28	Don Rasmusson Robert Stucker

Agronomy Fishing Trip

The annual "Agronomy Department Fishing and Outdoor Leisure Trip" will be held June 16-18 this summer. Our hosts, The Marions, have invited us back to Cedar Springs Lodge on the sandy south shore of beautiful Leech Lake again this year. Fishing, swimming, cookouts and relaxation will be enjoyed by all. Mark your calendars now and information about cabin rentals, camping, resort rates, Sunday brunch and a sign up sheets will be forthcoming. For questions or information, contact Doug Swanson in his new office, 112 Crops Research Building.

Greenhouse Users

Greenhouses are CLOSED on Saturday's for spraying! The following greenhouses will be sprayed with Enstar + Mavrik: Teaching 4&5, 415 A7, 370 A1&4&5, 370 C1&2&5, Weeds 1&2&4. Enstar is an insect growth regulator. It delivers an artificially high level of juvenile growth hormone to whiteflies in all stages of growth. Eggs cannot develop into nymphs. Nymphs cannot develop into pupae. Pupae cannot develop into adults. Adults die prematurely or lay sterile eggs. It has a dermal LD50 of 2828 and an oral LD50 of 2130. Mavrik is a contact/systemic. It interferes with the pest's central nervous system on contact and acts on the pest's stomach when ingested. It has a dermal LD50 of 2100 and an oral LD50 of 5150.

Please let me know if you would like to know this information, if not, I won't take up the space in the Gleanings.

NW USERS: Remember if you turn on a fan, you need to open the door or one of the panels on the east end of the greenhouse.

LIGHTS: Has everybody turned in their light requests to Dann Adair or me?

Pam Altermatt

Seminar

April 12 Agronomy Mark Westgate,
Regulation of Oil and Protein
Content in Soybean Seed,
3:30 p.m., 306 Borlaug Hall.

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARIZONA
Assistant Professor, Department of Plant
Sciences. Tenure-track, 80% research and 20%
teaching.

Closing date: June 1, 1995

BOYCE THOMPSON INSTITUTE FOR PLANT
RESEARCH
Plant Molecular Biologist. Twelve-month,
tenure-track.

Closing date: April 14, 1995

UNIVERSITY OF CALIFORNIA
Cooperative Extension Intermountain Area
Director, Division of Agriculture and Natural
Resources.

Closing date: May 5, 1995

LAC COURTE OREILLES OJIBWA
COMMUNITY COLLEGE
Geographic Information System Managerial
Curriculum Instructor; Agriculture and Resource
Management Instructor; Farm Manager.

Closing date: April 10, 1995

UNIVERSITY OF MARYLAND
Coordinator, Sustainable Agriculture Network,
Alternative Farming Systems Information Center.

Closing date: April 24, 1995

UNIVERSITY OF MINNESOTA
Assistant to the Director, Office of Equal
Opportunity and Affirmative Action. Two full-
time, twelve-month academic appointments.

Closing date: April 14, 1995

UNIVERSITY OF TENNESSEE
Professor and Head, Department of Plant and
Soil Science.

TEXAS A&M UNIVERSITY
Assistant Research Scientist, Agricultural
Experiment Station. Ph.D. in plant science.

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 14, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

The Shape-Up Challenge starts on Monday, April 17. You can still sign up with Lynne Medgaarden in 302 Hayes Hall to participate in the fun. The first of the three walk/run double point days is Wednesday, April 19 at 12:00 noon. Meet in front of Hayes Hall. If you plan to attend, please contact Lynne or Sue Miller so that we can purchase the treats.

Women in Agricultural Science will meet in 491 Borlaug Hall on Tuesday, April 18 at 12:00 noon. We will set the schedule for our film series and other spring events. Come and find out what's happening. Everyone is welcome.

A satellite video conference entitled "Looking for Leadership in the Mirror," will be downlinked to all University campuses on Tuesday, April 25. The conference features Marcia Hyatt, a nationally known author and organizational consultant specializing in leadership development. Conference activities begin at 12:45 p.m. and conclude at 3:30 p.m. "Looking for Leadership in the Mirror" is intended for anyone interested in building their leadership capacity, and is especially tailored for support staff. Please see Jeanne for registration material.

Mark your calendars for "Bring Your Daughter(s) To Work Day," on Thursday, April 27, 1995. The University of Minnesota, St. Paul Campus event includes a kick-off in the North Star Ballroom, visits to the workplace, campus tours, and an ice cream social. We anticipate that this will be an exciting day for young women of all ages.

Lab Fest 1995 will be held at the Radisson Hotel Metrodome on Thursday, April 27 from 10:00 a.m. to 4:00 p.m. Technical seminars, food, and door prizes will be offered.

The new fuel dispensing system is now on-line at the Farm Shop. Any problems, please check with Joanie inside. She will be able to help you.

Greenhouse Users

THE GREENHOUSES ARE CLOSED ON SATURDAY FOR SPRAYING!! Enstar + Pentac will be sprayed in teaching 4 & 5, 415A7, 370A4 & 5, 370C1, Weeds 1 & 2 & 4. Enstar will be sprayed in Weeds 5. Enstar is an insect growth regulator (IGR), interfering with the insect's normal development. It prevents development to the next growth stage. Enstar's oral and dermal LD50's are 2130 and 2828, respectively. Pentac is a miticide. It causes irreversible muscular contractions and the mites stop feeding within 1-3 days. Treated females prematurely lay eggs, which are not completely formed and will not develop. Pentac's oral and dermal LD50's are >5000 & >20100, respectively.

PLEASE THROW OUT OLD PLANT MATERIALS! It is almost impossible to spray plants that are dead and all curled up. Pots with materials that did not germinate should be emptied. Benches should be cleaned of old materials. Your cultural practices are a critical part of insect control!

Pamela Altermatt
Agronomy Greenhouses

Seminars

Candidates for Waseca Nematologist/Plant Pathologist Position.

April 18 Lawrence Young, Soybean Cyst Nematode Research at Jackson, TN, 10:00 a.m., 365 Borlaug Hall.

April 20 Senyu Chen, Biological Control of the Soybean Cyst Nematode (Heterodera glycines), 10:00 a.m., 365 Borlaug Hall.

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

AUBURN UNIVERSITY
Research Assistant, Department of Agronomy & Soils. B.S. degree in Agronomy.

UNIVERSITY OF MINNESOTA
Associate Director, Visions for Change Project,
College of Agricultural, Food, and Environmental
Sciences. B.S. degree.

Closing date: May 10, 1995

ROGERS SEED CO.

Summer Seasonal Position with Rogers Seed
Company working with garden peas and snap
beans.

UNIVERSITY OF WYOMING

Postdoc/Soil Microbiologist, Department of
Plant, Soil, and Insect Sciences.

Closing date: May 1, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
April 28, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Congratulations to Jean Swanson who has been promoted to Principal Secretary.

Shape Up Challenge Results for Week 1 - April 25, 1995.

Eighty-three people participated for a total of 25,356 points. That's an average of 305.49 points per person. That's excellent.

Jonathan Shaver was the winner of the first week's drawing for people who received 200 points or more. Jonathan received a \$20 gift certificate to SportMart. Congratulations.

Remember the next double points event is 12:00 noon on Thursday, May 4. Sign up with Lynne Medgaarden or Sue Miller by Wednesday, May 3 so we can purchase the treats.

FFA Convention Days - May 1 and May 2.

The Weed Science Discussion Group will be meeting in 408 Hayes Hall at 12:00 noon on Monday, May 1. Eric Hoeft and Jean-Luc Jannink will be presenting their proposed research interests and I'm sure they would appreciate group input and discussion.

A Graduate Students meeting will be held on Friday, May 5 at 3:30 p.m. in 306 Borlaug Hall. Goodies to follow meeting. Hope to see you there.

Special Presentation of Interest to All Friends of Rwanda

Dr. Abdul Kamanzi, postdoctoral research associate in the Department of Agronomy and Plant Genetics, will speak on, "The Case of Rwanda: A testimony from a witness." It will be held on Tuesday, May 16 at 3:00 p.m. in 335 Borlaug Hall, St. Paul Campus. A reception will follow in 306 Borlaug Hall. All interested people are invited. Those people who contributed to our effort to enable Abdul, Enatha, Malik, and Nadia to escape from Rwanda will want to attend.

Greenhouse Users

I will be gone Friday, May 12. Everyone will need to do their own watering. Please mark your calendars.

Greenhouses are closed for spraying until 12:00 noon Sunday. The following houses will be sprayed with Enstar + Mavrik: Teaching 4 and 5, 415A7, 370A4 and 5, 370C1, Weeds 1, 2 and 4.

A new month is coming up and the greenhouses all need a spring cleanup. Any questions, please call me at 5-3153.

You thought greenhouse insects didn't serve a useful purpose, read on... Dissolve two large packages of gelatin in 2 1/2 cups of boiling water. Add dry roasted leafhoppers or any dry roasted insect you have in the cupboard. Pour mixture into a 13 x 9 inch pan. Chill three hours. Dip bottom of pan in warm water for 15 seconds to loosen gelatin. Cut shapes with cookie cutters. Lift out with metal spatula.

Pamela Altermatt
Agronomy Greenhouses

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

AUGUSTANA COLLEGE

Assistant Professor of Biology. One year leave replacement position.

Closing date: May 26, 1995

COLORADO STATE UNIVERSITY

Area Extension Agent, Cooperative Extension.

Closing date: May 11, 1995

UNIVERSITY OF MINNESOTA

Student Support Services Assistant, School of Dentistry. B.A. degree.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
May 5, 1995

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Sympathy

Dr. Ronald Phillips' mother, Louise Phillips Robbins passed away on Wednesday, May 3. The funeral will be in Indiana on Saturday, May 13.

Announcements

Memorial services for Dr. Charles R. Burnham will be held on Saturday, May 20 from 3:00 to 5:00 p.m. in the Terrace Room at the St. Paul Student Center.

Grad Club meeting today at 3:30 p.m. in 306 Borlaug Hall. Elections will be held, followed by a pizza party.

A faculty meeting will be held on Monday, May 8 at 1:00 p.m. in 306 Borlaug Hall.

Students - pick up your class schedules from the bookstores from now on. They will no longer be furnished to the department. The bookstores will begin distributing to students on May 8; fall registration begins May 15. Another change for fall registration is that the Pre-Winter/Spring schedule is being published in an electronic edition due to rapidly and dramatically rising paper costs. It will be available on the Gopher Information Server under the Office of the Registrar menu (on the U of M Campus Information menu).

Beginning the week of May 8, a roofing contractor will begin to set up around the Gortner Lab buildings in preparation to replace the aging building roofs. They will need to occupy the service drive leading to the south service bay of Borlaug Hall. We estimate this project could last eight to nine weeks, weather permitting. The suggestion for an alternative delivery area is the dock in the Soils Building. The materials to be used in the re-roofing work will produce strong odors at time, depending on the prevailing winds. They are not harmful fumes but some individuals maybe sensitive to the smell. Please contact Fred Clayton at 624-4940 for any questions about this project.

Bike and Camping Gear Swap will be held next week at the Northstar Ballroom, St. Paul Student Center. Bring your gear in to sell on May 9-10 from 9:00 a.m. to 8:00 p.m. The sale will be held May 11-13 from 9:00 a.m. to 8:00 p.m. Thursday and Friday, and Saturday from 9:00 a.m. to 5:00 p.m. New and used bikes, camping equipment and in-lines skates will be on sale.

Agri-genda 21: The Future of Agriculture in the Context of GATT and the Biodiversity Convention will be held on Friday, May 12 from 2:30 to 4:00 p.m. in 335 Borlaug Hall. Patrick Roy Mooney from Rural Advancement Foundation International (RAFI) will be the speaker.

The Annual Life Sciences Undergraduate Research Symposium will be held on Wednesday, May 17 from 1:30 to 4:00 p.m. in the Ecology Building. Life sciences students from all over the Twin Cities campus have prepared professional-style posters describing their research. Please stop by to see their work.

The Gopher Crops and Soils Club Steak Fry will be held on Wednesday, May 17. Tickets are \$5.00 for faculty, \$3.00 for students, free for children under 12. The steak fry will be held at Central Park at the Lions Pavilion. Sign up by Monday, May 15 with Lynne Medgaarden in 302 Hayes.

The last Twin Cities Agricultural Issues Round Table session for the 1994-95 year will be on Tuesday, May 23 at the Sheraton Inn Midway in the Twin Cities Room. The speaker will be Marty Strange, Program Director and Co-Founder of the Center for Rural Affairs in Walthill, NE. Lunch will be served at 12:00 noon and the program and discussion will follow. Advance reservations are recommended by May 19. Please call Sue Pohlod at 625-8779 to reserve space. Luncheon cost is \$20.00.

Dr. Phil Schwab from Senator Daschle's Office, will be presenting a special seminar on "Anatomy of a Farm Bill." The seminar will be held on Thursday, June 1 at 3:00 p.m. in 306 Borlaug Hall.

MIN
Z. Schlem

The Hayes Memorial Lecture and Graduate Student Award will be presented to Phil Schwab on Friday, June 2. The lecture will be presented by Dr. Jaleh Daie, Professor of Botany, University of Wisconsin. Please mark your calendars from 3:00 to 5:00 p.m. The lecture will be at 3:00 p.m. in Room 335 Borlaug Hall, with a reception following in Room 306 Borlaug Hall.

Daisy Travel has changed their policy in that from now on all travel arrangements made through them must be paid at the time of the transaction. There will be a small service charge for reissuing and refunding tickets. If you do not wish to put your airline tickets on a credit card, you can use a contract vendor and give them a CUF's number to charge your trip directly. The contract vendors are: Carlson Wagonlit Travel, 379-8421; Northwestern Business Travel, 375-7800; Travel Associates, 333-1988.

Parking rates will increase on July 1 for public parking and October 1 for contract parking. Daily public rates will increase from \$1.50 to \$1.75/day, hourly lots from \$1.00 to \$1.05/hour. Contract lots will increase from \$27.25 to \$29.75/month.

The annual retirement lunch will be on Thursday, June 15 at the Earle Brown Center. Tickets can be purchased from Nancy Pitzer in Room 42, St. Paul Student Center. Cost is \$6.00 prepaid, or \$7.00 at the door. The program includes a buffet lunch at 12:00 noon followed by a brief recognition ceremony and reception.

Shape Up Challenge Results for Week 2 - May 1, 1995

Eighty-one people participated for a total of 24,411 points.

That's an average of 301.37 points per person.

Mark Matteson was the winner of the second week's drawing for people who received 200 points or more. Mark received a U of M sweatshirt. Congratulations.

Remember the next double points event is 12:00 noon on Wednesday, May 17. Sign up with Lynne Medgaarden or Sue Miller by Tuesday, May 16 so we can purchase the treats.

High scorer this week was Mark Matteson with 875 points.

Roger Becker has Crop Science Journals from 1977-1987 he would like to give away. If interested, give him a call at 5-5753.

Women in Agricultural Science

The film "Baby Clock" will be shown in 491 Borlaug Hall at 12:00 noon on Wednesday, May 10. Five women in their mid and late thirties talk about parenting choices. Everyone is welcome.

GREENHOUSE USERS

Avid will be sprayed in teaching, 415A7, 370A4 and 5. Duragard + Azatin will be sprayed in Weeds 1, 2 and 4 and 370C1. Avid is a miticide with a LD50 of >2000. Azatin is a biological insecticide. It interferes with the insect larvae's ability to molt. It is effective on all larval stages and pupae. Duragard is a timed-release, broad spectrum, water-based, microencapsulated insecticide with a LD50 of >5000(oral). Insects can be killed by a direct spray or by contacting the capsules later. Chewing insects ingest the microcapsules, receiving a lethal dose.

ANYONE needing soil, please let me know. We have only had one cart most of the winter and it has to get moved back and forth between the greenhouses. Its home is by my office.

REMINDER: I WILL BE GONE FRIDAY MAY 12TH. Everybody needs to do their own watering.

Pamela Altermatt
Agronomy Greenhouses

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

HAMLIN UNIVERSITY

Temporary College Teaching Opportunities in Biology. Two part-time temporary faculty positions beginning on September 6 extending through December 18, 1995.

UNIVERSITY OF IDAHO

Research Support Scientist I, Department of Plant, Soil and Entomological Sciences. Requires M.S. in horticulture, agronomy, or related field.

Closing date: June 7, 1995

UNIVERSITY OF MARYLAND

Assistant Professor in Sustainable Cropping Systems Management, Department of Agronomy. Twelve-month, tenure track position with 60% extension and 40% research.

Closing date: August 1, 1995.

Assistant Professor, Soil Biochemistry / Bioremediation, Department of Agronomy. Twelve-month, tenure track position with 60% research 40% extension.

Closing date: August 1, 1995

UNIVERSITY OF MINNESOTA
Assistant Vice President for Academic Affairs.
Ph.D. and tenured faculty member.
Closing date: May 19, 1995

MONTANA STATE UNIVERSITY
Assistant Professor in Weed Science, Montana
Agricultural Experiment Station. Twelve-
month, tenure-track, 100% research.
Closing date: June 16, 1995

SOUTH DAKOTA STATE UNIVERSITY
Head of the Department of Plant Science. Full
Professor with five years of post graduate
academic experience in Agronomy, Plant
Pathology, Soils, or related field.
Closing date: July 15, 1995

Research Associate in corn breeding, Department
of Plant Science. Twelve-month, non-faculty-
exempt position. Requires M.S. in agronomy.
Closing date: May 26, 1995

WILDER FOUNDATION
Education Specialist in Agricultural Programs at
Wilder Forest. M.S. or B.A. degree in agriculture
or related environmental science field.

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
May 12, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Memorial services for Dr. Charles R. Burnham will be held on Saturday, May 20 from 3:00 to 5:00 p.m. in the Terrace Room at the St. Paul Student Center.

Dr. May L. Wright passed away on May 4. She was a University of Minnesota plant geneticist known for her expertise in Minnesota wildflowers. She started as a research technician in our department in 1936. Her specialty was seed germination.

Dr. Rodney A. Briggs died yesterday. He was 72. Visitation for Dr. Briggs will be on Saturday, May 13 from 4:00-7:00 p.m. at the Listoe-Wold Funeral Home, south on Snelling Avenue. The funeral will be on Sunday, May 14 at 2:00 p.m. at St. Johns Evangelist Episcopal Church on Portland Avenue and Kent.

Congratulations to Stephanie Stadheim, an undergraduate in our department, who was selected to receive a University of Minnesota President's Distinguished Service Award.

Roger Caspers and Dave LeGare are the new Civil Service Liaison members. Congratulations.

The new Graduate Club Officers are:
President - Blair Waldron
Vice President - Padma Commuri
Secretary - Diana Miller
Treasurer - Ana Maria Procopiuk

Grant Received:
James H. Orf Developing and Recommending
 Higher Protein and Oil Soybeans.
 \$150,000 12/31/94-06/30/97

The Gopher Crops and Soils Club Steak Fry will be held on Wednesday, May 17. Tickets are \$5.00 for faculty, \$3.00 for students, free for children under 12. The steak fry will be held at Central Park at the Lions Pavilion. A sign up sheet is on Lynne's door. Please sign up by Monday.

The Historic Farm Equipment Display Dedication is set for Tuesday, May 23, starting at 3:30 in 306 Borlaug Hall. Ice cream will be served. Plan to attend.

The Graduate Club is co-sponsoring Ag Awareness Days with the Animal Science Club this year. This event introduces area fourth-sixth graders to agriculture. It will be held on May 17-19 at the livestock arena from 8:30 a.m. to 2:15 p.m. Everyone is welcome to stop by and see what is going on. Anyone who would like to help out at this event, feel free to e-mail Kim Genrich at Genri001@maroon.tc.umn.edu, phone 5-8189, or drop a note in box 29. We need group leaders to rotate children between the eight booths, and we can fit into your schedule. Any questions? See Kim Genrich, Todd Pester, Jonathan Shaver, Ana Maria Procopiuk, Shelly Wheland, or Diana Miller.

Dr. Phil Schwab from Senator Daschle's Office, will be presenting a special seminar on "Anatomy of a Farm Bill." The seminar will be held on Thursday, June 1 at 3:00 p.m. in 306 Borlaug Hall.

The H.K. Hayes Memorial Lecture and Hayes Graduate Student Award will be held on Friday, June 2. The H.K. Hayes Graduate Student Award will be from 3:00-3:30 p.m. in 306 Borlaug Hall; Reception 3:30-4:00 p.m. in 306 Borlaug Hall; Memorial Lecture in 335 Borlaug Hall from 4:00-5:00 p.m.

In conjunction with the Hayes Lecture, Dr. Jaleh Daie will meet with faculty and postdocs for a special discussion from 1:30-2:30 p.m. on Friday, June 2 in 306 Borlaug Hall. She will also meet with graduate and undergraduate students for a special discussion on Thursday evening, June 1, from 7:30-9:00 p.m. in 306 Borlaug Hall. Refreshments will be served.

An International Conference "A 2020 Vision for Food, Agriculture, and the Environment" will be held June 13-15, 1995 in Washington, D.C. Brochure and registration form are on the bulletin board by 411 Borlaug Hall.

Shape Up Challenge Results for Week 3 - May 8, 1995

Seventy-three people participated for a total of 23,260 points.

That's an average of 318.63 points per person.

Pat Kessler was the winner of the third week's drawing for people who received 200 points or more. Pat received a gift certificate for \$20.00 from SportMart. Congratulations.

High scorer this week was Mark Matteson with 988 points.

Remember to report your point totals by Monday each week.

The next double point day is Wednesday, May 17 at 12:00 noon. This is national play day for health. Meet in front of Hayes Hall at 12:00 noon.

Also, B-BOP Day is Thursday, May 18. Double Points are given if you get to work by biking, walking, in-line skating or some other way besides driving. For those who need their car to get to work - Double Points can be counted if you exercise during the normal workday (7:45 a.m.-4:30 p.m.).

Keep up the good work!

A visiting student from Mankato is looking for a place to stay June, July, and August. He is interested in house sitting during that time. Please call Gary Hachfeld at 1-800-247-5044 or 1-800-620-5757 if you know of any houses available.

Women in Agricultural Science

The film "The Best Time of My Life: Portraits of Women in Mid-Life" will be shown in 491 Borlaug Hall at 12:00 noon on Wednesday, May 17. Women aged forty to sixty share the thoughts and experiences that enrich the mid-life stage. Everyone is welcome.

Special Seminar

Dr. Kim Joo, Adjunct Professor Candidate, Vice President, Agglobe Technologies, will present "Brief Observations on North Korean Agriculture" on Wednesday, May 31 from 11:00-12:00 p.m. in 306 Borlaug Hall.

Greenhouse Users

The soil cart will be tied up Wednesday through Friday for Ag Awareness. Anyone needing soil, please talk to me and I will see what arrangements can be made.

ONLY soil and plant materials are to be thrown outside of the greenhouses for pick up by the grounds crew. Stakes of any type should be thrown in the garbage.

SPRAYING

DuraGuard + Azatin-Weeds 1, 2, 3, 4 and 370C1
Orthene + Resmethrin-Weeds 1, 2, 3 and NW

Orthene + Attain-Teaching 4

Attain-Teaching 5, 415A7 and 370A4/5

Attain, Orthene and Resmethrin are aerosols.

Attain is a miticide/insecticide with a LD50 of >2000. Orthene is a broad spectrum insecticide with contact and systemic action. It has a LD50 of >2000. Resmethrin is a broad spectrum synthetic pyrethrum with an LD50 of 1170.

Azatin is a biological insecticide. It interferes with the insect larvae's ability to molt. It is effective on all larval stages and pupae.

Duraguard is a timed-release, broad spectrum, water-based, microencapsulated insecticide with a LD50 of >5000 (oral). Insects can be killed by a direct spray or by contacting the capsules later. Chewing insects ingest the microcapsules, receiving a lethal dose.

Pamela Altermatt

Agronomy Greenhouses

Position Announcement (Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Farm Advisor - Livestock/Natural Resources,
Division of Agriculture and Natural Resources.
Academic career-track appointment.

Closing date: July 28, 1995

UNIVERSITY OF MINNESOTA

Deputy Director, Minnesota Agricultural
Experiment Station (Internal Search).

Closing date: May 25, 1995

UNIVERSITY OF NEBRASKA-LINCOLN

Research Technologist I, Department of
Agronomy. B.S. or M.S. degree.

Closing date: May 19, 1995

Research Associate, Department of Agronomy.
Non-tenure.

Closing date: June 15, 1995

NORTH DAKOTA STATE UNIVERSITY

Potato Breeder (90% research, 10% teaching).
Tenure-track position.

Closing date: June 15, 1995

SOUTH DAKOTA STATE UNIVERSITY

Graduate Teaching Assistants (Crops and Soils),
Plant Science Department. Two half-time
teaching assistantships.

Closing date: May 15, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
May 22, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

I want to thank everyone for their many expressions of sympathy on the death of my mother. Reaching out to me in such a warm manner will always be remembered.

Ron Phillips

Mike Martin would like to meet with the faculty, staff and students of our department to discuss the recent Department Head Review of Kent Crookston. The meeting will be held today from 3:00-4:00 p.m. in 306 Borlaug Hall. Everyone is encouraged to attend.

The Historic Farm Equipment Display Dedication is set for Tuesday, May 23, starting at 3:30 p.m. in 306 Borlaug Hall. Ice cream will be served. Plan to attend.

Reminder to sign up for Donald Barnes' retirement party on Saturday, June 10. It will be held at the Lido Cafe Italia in Roseville. Please send a letter addressing how he interacted with you and affected your life choices. These letters will be presented to him as a remembrance book during the program that evening. Letters and reservations can be sent to Ginger Walker at 411 Borlaug Hall, St. Paul Campus. If you have any questions, please call Carroll Vance at 625-5715 or Ginger Walker at 625-1920.

A Retirement Reception will be held for Dr. Signe Betsinger, Assistant Director, Minnesota Agricultural Experiment Station on Thursday, June 1 from 3:30-5:00 p.m. in McNeal Hall Atrium.

Public open house to review directions for the Twin Cities campus master plan will be held at the Earle Brown Center on Friday, May 26 from 9:00 a.m. to 9:00 p.m. in Room 155.

Phil Schwab will be presenting a special seminar on "Anatomy of a Farm Bill." The seminar will be held on Thursday, June 1 from 3:00-4:00 p.m. in 306 Borlaug Hall.

The H.K. Hayes Memorial Lecture and Hayes Graduate Student Award will be held on Friday, June 2. The H.K. Hayes Graduate Student Award will be from 3:00-3:30 p.m. in 306 Borlaug Hall; Reception 3:30-4:00 p.m. in 306 Borlaug Hall; Memorial Lecture in 335 Borlaug Hall from 4:00-5:00 p.m.

In conjunction with the Hayes Lecture, Dr. Jaleh Daie will meet with faculty and postdocs for a special discussion from 1:30-2:30 p.m. on Friday, June 2 in 306 Borlaug Hall. She will also meet with graduate and undergraduate students for a special discussion on Thursday evening, June 1, from 7:30-9:00 p.m. in 306 Borlaug Hall. Refreshments will be served.

The CBS Biochemistry Library will close effective Sunday, June 11, 1995. The library collection will be moved to the St. Paul Campus Central Library. The actual move will take place on Monday, June 12 during which time the St. Paul Campus Library will be closed. All materials currently circulating can be returned to the St. Paul Campus Library. The hours of the St. Paul Campus Library will be extended to provide longer hours of access. All issues of journals duplicated between CBS Library and the St. Paul Campus Library will be left for use in the future CBS Reading Room. No journals will be sent to the Minneapolis Campus Libraries without consultation with CBS representatives. For any questions, please call Richard Rohrer at 624-2219 or Peggy Johnson at 624-1720.

Is there any interest in organizing a low-key, informal weekly departmental soccer game some late afternoon or evening over the spring and summer? I fondly remember other departmental soccer games at other universities that I've been at, and would love to see something of that sort take root in Agronomy and Plant Genetics. Potential soccer players (of all ages, sizes, shapes and genders) could send me email re. interest and availability at jorda020@gold.tc.umn.edu or call (5-3754).
Nick Jordan

Someone left a set of CD's in vehicle 2360. Please call Mike McClellan at 4-5395 if these are yours.

Helene Murray found a water bottle with a broken strap just outside the south door to Hayes Hall on Thursday. If this item is yours, please see Helene in 418 Hayes Hall.

Women in Agricultural Science

The film "Women in Science" will be shown in 491 Borlaug Hall at 12:00 noon on Wednesday, May 24. It traces the history of women in science featuring interviews with women on the frontiers of science. Everyone is welcome.

Special Event

A special event has been scheduled for Thursday, June 8. It will be a Lambert & Enestvedt Event. We will host members of the Lambert and Enestvedt families and recognize the key parts that they have played in our Department. We will introduce and recognize the first recipient of the Lambert Graduate Fellowship. We will "unveil" the 'Bert' and 'Lambert' certificate panels to be hung in 409. We'll hear a few comments from a few folks. We'll have punch and goodies.

Please mark your calendars for June 8, from 3:30-4:30 p.m., room 306 Borlaug Hall, and plan to attend. Specific details will follow.

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARKANSAS

Research Specialist in Soil Chemistry, Agronomy Department. B.S. or M.S. degree in Agronomy or related field.

Closing date: June 15, 1995

UNIVERSITY OF CALIFORNIA

Agroecology Training Coordinator, Center for Agroecology and Sustainable Food Systems.

Closing date: June 30, 1995

UNIVERSITY OF MINNESOTA

Student Junior Scientist Trainee, Department of Agronomy & Plant Genetics. Integrated Weed Management Project needs one undergraduate student for full-time work this summer and continued part-time work during next school year. Assist graduate students in greenhouse and field research - assignments will include data collection, plot maintenance, and data entry. Some hours may be scheduled this spring if desired by applicant. Please contact Eric Ristau at 625-6266.

Assistant Continuing Education Specialist, Department of Extension Classes. M.S. degree required. Temporary position from August 1, 1995-June 30, 1996.

Closing date: June 2, 1995

Assistant to the Dean, College of Natural Resources. B.A. degree required.

Closing date: June 16, 1995

UNIVERSITY OF NEBRASKA-LINCOLN

Plant Molecular Geneticist/Molecular Biologist, Assistant Professor, Department of Biochemistry. Tenure-track, 12-month appointment.

Closing date: September 15, 1995

OREGON STATE UNIVERSITY

Faculty Research Assistant (100% weed science research), Department of Crop and Soil Science. M.S. or B.S. degree in agricultural science.

Closing date: May 26, 1995

Graduate Research Assistantships, Department of Crop and Soil Science. B.S. degree required.

SOUTH DAKOTA STATE UNIVERSITY

Graduate Research Assistant/Graduate Teaching Assistants, Plant Science Department. M.S. degree in agronomy.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
May 26, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Donald Barnes' mother passed away on Tuesday, May 23. Visitation was held on Thursday evening, May 25 in Columbia, MO, and the funeral services will be today at 11:00 a.m.

Training seminar for preventing violence and harassment at the University of Minnesota will be held on Wednesday, June 7 from 1:00-3:00 p.m. at the MN Commons-St. Paul Student Center. There is a sign up sheet in 411 Borlaug Hall.

Announcements

The University of Minnesota will be closed on Monday, May 29 for Memorial Day.

Dave Somers will present "Impressions of Down Under," on Thursday, June 8 at 12:00 noon in 306 Borlaug Hall. He will show slides of his experiences in Australia. Bring your lunch. Everyone is invited.

Please return the Staff Demographics forms to Jeanne Davy in 411 Borlaug Hall.

The Campus Retirement Luncheon will be held on Thursday, June 15 at the Earle Brown Center. The program begins at 12:00 noon. Tickets are available from Nancy Pitzer, St. Paul Student Center in Room 42. Cost is \$6.00 prepaid, or \$7.00 at the door. The ticket purchase deadline is Monday, June 12 for prepaid tickets.

Signe Betsinger, Assistant Director of the Minnesota Agricultural Experiment Station will retire June 30, after 19 years in this position. A reception will be held on Thursday, June 1 from 3:30 to 5:00 p.m. in the Atrium of McNeal Hall. Everyone is invited.

Mike Martin would like to meet with the faculty, staff and students of our department to discuss the recent Department Head Review of Kent Crookston. The Review is scheduled for Monday, June 5 from 11:00-12:00 noon in 306 Borlaug Hall.

We're going to try something new with the faxes... In order to make them more organized, please write the faculty's name on each transaction sheet, and then file in the corresponding file in the drawer of the front desk. Please note the previous transaction number before faxing, in case you have to cancel. (The previous transaction sheet may already be filed). Hopefully, with everyone's cooperation this new system will work. P.S. If you have free time while faxing, feel free to file away.....

Marilee

The H.K. Hayes Memorial Lecture and Hayes Graduate Student Award will be held on Friday, June 2. The H.K. Hayes Graduate Student Award will be from 3:00-3:30 p.m. in 306 Borlaug Hall; Reception 3:30-4:00 p.m. in 306 Borlaug Hall; Memorial Lecture in 335 Borlaug Hall from 4:00-5:00 p.m.

Shape Up Challenge Results for Week 4 - May 15, 1995

73 people participated for a total of 22,293 points.

That's an average of 304.64 points per person.

Marcelo Morelli was the winner of the fourth week's drawing for people who received 200 points or more. Marcelo received a gift certificate for \$20 from the Olive Garden. Congratulations!

High scorer this week was Mark Matteson with 1109 points.

Both St. Paul and Minneapolis campus classes will follow standard class times of 50 minutes with 15-minute intervals so that start times will be 0800, 0905, 1010, 1115, 1220, 1325, 1430, and 1535. Classes with 75-minute modules meet on Tuesday and Thursday 0815-0930, 0945-1100, 1115-1230, 1245-1400, and 1415-1530. Questions should be directed to Elizabeth Grunder at 625-4094, or Sam Lewis at 625-8098.

Summer Field Days at the Experiment Stations:

Waseca	June 20
Lamberton	June 21
Morris	June 30

Shape Up Challenge Results for Week 5 - May 22, 1995

71 people participated for a total of 30,977 points.

That's an average of 436.30 points per person.

Jean-Luc Jannink was the winner of the fifth week's drawing for people who received 200 points or more. Jean-Luc received a gift certificate for \$20 from Good Earth.

Congratulations!

High scorer this week was Mark Matteson with 1807 points.

Keep up the good work!

This is the final week of the Shape Up Challenge. We will have a special final awards ceremony on Monday, June 5. Watch for details.

The Center for Farm Financial Management has been developing an environmental/economic software program called PLANETOR for the past several years. PLANETOR Version 2 is finally finished and they are planning a training session this year. PLANETOR is a comprehensive, environmental and economic farm planning tool. PLANETOR evaluates six environmental factors over the life of a farm plan: soil erosion, pesticide leaching and runoff hazard, pesticide toxicity, nitrogen leaching, and phosphorus runoff. Training sessions will be for two days and is scheduled on Tuesday, September 19 from 9:00 a.m. to 5:00 p.m., and Wednesday, September 20 from 8:30 a.m. to 5:00 p.m., in B25 Classroom Office Building. The cost is \$100.00. The PLANETOR software package may be purchased for an additional \$149.00. For more information, please call the Center for Farm Financial Management at 800-234-1111.

All COAFES personnel will be issued a "U-Card" as part of a program that the University is instituting across campus. This card is an "all-in-one" card that will be used as an ID/ATM card/Library card, etc. More information will follow about dates and times to obtain your card.

Helene Murray found a watch with a broken strap just outside the south door to Hayes Hall. If this item is yours, please see Helene in 418 Hayes Hall. This is a correction from last weeks Gleanings.

Women in Agricultural Science

The film "Men and Masculinity: Changing Roles, Changing Lives" will be shown in 491 Borlaug Hall at 12:00 noon on Wednesday, May 31. The film explores the people, ideas, and activities of the pro-feminist, gay affirmative men's movement. Everyone is welcome.

Special Event

A special event has been scheduled for Thursday, June 8. It will be a Lambert & Enestvedt Event. We will host members of the Lambert and Enestvedt families and recognize the key parts that they have played in our Department. We will introduce and recognize the first recipient of the Lambert Graduate Fellowship. We will "unveil" the 'Bert' and 'Lambert' certificate panels to be hung in 409. We'll hear a few comments from a few folks. We'll have punch and goodies.

Please mark your calendars for June 8, from 3:30- 4:30 p.m., room 306 Borlaug Hall, and plan to attend. Specific details will follow.

Greenhouse Users

The following greenhouses will be sprayed with Margosan-O: 415A7, 370A4 & 5, 370C1 & 5, Wheat (soybeans only), Weeds 1, 2, 4. NW will be sprayed with Orthene. Margosan is a naturally occurring insect growth regulator (IGR). It halts the hormonal process on all instar and pupal stage. It also acts as a repellent and causes insects to stop feeding and starve. It has a LD50 of >10,000.

PLEASE REMOVE PLANT MATERIALS FROM THE GREENHOUSE AS SOON AS YOU ARE FINISHED WITH THEM!!! Insect control will be much better without all those dead plants for the pests to hide in.

Thanks and have a dry weekend!!

Pamela Altermatt

Attention Department Vehicle Users

It's the busy time again and we are having problems. If you check out a vehicle, you must return the vehicle to the proper parking place and return the key to either 408 Borlaug Hall or the mail slot by the Agronomy mailboxes. If you will make sure these two things are done, there will be no need for Judy or Marilyn to call around hunting down vehicles and keys, and delaying the people who need them. Please - just some common courtesy and everyone will be happy.

Ag Awareness Days Update

Ag Awareness Days were held last week, and it was a roaring success. We had 711 grade schoolers attending. Many thanks to all who helped out. Pictures are being developed of the event, if you want to see them swing by my office.

Kim Genrich

306 Hayes Hall

Notice

Steam will be shut off to the Seedhouse from June 5 to mid-July. This means that the seedhouse dryers will not be working during this time period.

Reminder

To all personnel that work in Crop Services, Building 388. Please check that ALL Doors, Overheads and Entries, are closed and locked before you leave at the end of the day. Security is becoming more and more of a necessity than ever. Equipment that could get stolen or vandalized could be your own.

Seminar

Penny Avoles will present "A Cytogenetically-Based Physical Map of Chromosome-1 By C-Banding X Molecular Genetic Markers." This seminar will be on Thursday, June 1 at 9:00 a.m. in 306 Borlaug Hall. Everyone is welcome.

Position Announcement

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF IDAHO

Extension Support Scientist I, Plant, Soil & Entomological Sciences. M.S. in plant pathology.

Closing date: June 28, 1995

KANSAS STATE UNIVERSITY

Research Assistant, Department of Agronomy. Temporary.

Closing date: July 15, 1995

PENNSYLVANIA STATE UNIVERSITY

Assistant Professor in Forage Management, Department of Agronomy. Tenure-track, 12-month appointment. Ph.D. in agronomy.

Closing date: August 1, 1995

UNIVERSITY OF TENNESSEE

Specialist - Nursery, Ornamental Horticulture & Landscape Design. Ph.D. in horticulture.

Closing date: June 16, 1995

Norway Package Tours

Only \$49.95

12 days 4 Nights

Itinerary

- Day 1 Leave Minneapolis-St. Paul International Airport at 1:00 a.m. first class on Norwegian Uni-Engine Jet.
- Day 2 In the air
- Day 3 In the air
- Day 4 In the air
- Day 5 Land at Oslo International Airport, box lunch in basement of Oslo Hilton.
- Day 6 Complete tour of Oslo from 9:30-9:40 a.m. Free time for shopping. Fabulous 7-course dinner (lutefisk and six pieces of lefse).
- Day 7 Tour of the countryside in the comfort of a rebuilt Norwegian Army tank.
- Day 8 Tour of the University of Norway (both buildings). Everyone will get to see the book in the library.
- Day 9 Tour members will board a jumbo jet to the USE; only three stops will be made—two for fuel and one for directions.
- Day 10 In the air
- Day 11 In the air
- Day 12 Plane lands at Minneapolis-St. Paul Airport between 10:00 a.m. and Midnight, depending on the weather conditions and fuel leakage.

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

June 2, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

The H.K. Hayes Memorial Lecture and Hayes Graduate Student Award will be held TODAY. The H.K. Hayes Graduate Student Award will be from 3:00-3:30 p.m. in 306 Borlaug Hall; Reception 3:30-4:00 p.m. in 306 Borlaug Hall; and Memorial Lecture in 335 Borlaug Hall from 4:00-5:00 p.m.

Mike Martin will meet with the faculty, staff and students of our department to discuss the recent Department Head Review of Kent Crookston. The review is scheduled for Monday, June 5 from 11:00-12:00 noon in 306 Borlaug Hall.

Dave Somers will present "Impressions of Down Under," on Thursday, June 8 at 12:00 noon in 306 Borlaug Hall. He will show slides of his experiences in Australia. Bring your lunch.

A special event has been scheduled for Thursday, June 8 from 3:30-4:30 p.m. in 306 Borlaug Hall. It will be a Lambert & Enestvedt Event. We will host members of the Lambert and Enestvedt families and recognize the key parts that they have played in our Department. We will introduce and recognize the first recipient of the Lambert Graduate Fellowship. We will "unveil" the 'Bert' and 'Lambert' certificate panels to be hung in 409. We'll hear a few comments from a few folks. We'll have punch and goodies. Everyone is invited.

We want to thank everyone who participated in the Shape Up Challenge. Keep up the good work. We will hold a Shape Up Challenge Awards Ceremony on Monday, June 12 at 11:00 a.m. in 306 Borlaug Hall. At that time, we will hold the drawing for the three grand prizes. Plan to attend. Refreshments will be served.

Effective September 1, the fee for cashing a check at the Bursars Office will increase from 25¢ to 50¢ a check.

The annual "Agronomy Department Fishing and Outdoor Leisure Trip" will be held June 16-18 at Cedar Spring Lodge on Leech Lake. Fishing, swimming, cookouts and relaxation will be enjoyed by all. For questions or information, please contact Doug Swanson at 112 Crops Research.

The Biomedical Graphics Office in Room 4 in the basement of the Biological Sciences Center will close on July 1, 1995. In lieu of this closing, they will be expanding the current pick-up and delivery services to the St. Paul Campus beginning June 1. A drop box for photo orders is also available at the Imaging Center in Room 35 Synder Hall.

Greenhouse Users

The following houses will be sprayed with Margosan-O: Weeds 1, 2 & 4, 370A 4 & 5, 370C 1 & 6, wheat house-soybeans only.

This is a new month, please take the time to do some clean up. I would like to go through the houses and disinfect them this summer.

REMEMBER: Please throw out plant material as soon as you are finished with it.

Pamela Altermatt

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Postdoctoral Associate, Department of Biochemistry. Annual renewable position for up to three years.

Start date: July 1, 1995

PENNSYLVANIA STATE UNIVERSITY
Assistant Professor in Forage Management, Department of Agronomy. Tenure-track, 12-month position.

Closing date: August 1, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
June 9, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Thank you

The family of Ruby Jones Barnes gratefully acknowledges your kind expression of sympathy. To thank you for your kindness and sympathy at a time when it was deeply appreciated. The flowers were beautiful. We love you.

Don & Joyce Barnes
Fern Putnam
Letha Harris

Barnes' Retirement

Thank you for the many warm wishes for my retirement. Joyce and I enter retirement being excited about having time for new activities. However, we regret the loss of our daily contact with those who we work with. The Agronomy Department has been a special part of our extended family. I have many memories of being an undergrad, graduate student, alumni, faculty member, and now an emeritus in the department during a period of about 42 years. The department has been a productive team, as well as, a sharing and caring community. It has been the combined effort of every person that has made the department a great place to work. Thanks for your help and friendship. Joyce and I will be moving to our lake home in Minocqua, WI by the end of June. Please plan to call and stop by whenever you are in the area.

Don Barnes

Announcements

Congratulations to Mike and Dorothy Peel on their new baby girl born on Wednesday, June 7. Shannon weighed 8 lbs. 4 oz. and was 21 1/4" long. Her sisters adore her.

There will be a faculty meeting on Monday, June 12 at 1:00 p.m. in 306 Borlaug Hall.

To all interested graduate students: The Agronomy 5310, "Orientation to Field Crop Breeding," organizational meeting has been changed to Tuesday, June 13 in 408 Hayes Hall (not Monday, June 12). Please see Deon Stuthman before that time if you cannot make the June 13 meeting.

St. Paul Campus Retirement Luncheon will be held on Thursday, June 15 at 12:00 noon at the Earle Brown Center.

1995 St. Paul Campus Retirees

- | | |
|------------------|-------------------|
| Marian Bagley | Florian Lauer |
| Jane Bardon | Jo Lilleodden |
| Signe Betsinger | Joanne Losinski |
| Patrick Borich | Charles Lucking |
| William Boylan | Wilbur Maki |
| William Breene | Jay Meiske |
| Daniel Carey | Dave Noetzel |
| James Connolly | Susan Olson |
| Dave Davis | Harley Otto |
| Delores DeFoe | Werner Panning |
| Stanley Diesch | Ronald Regenold |
| Franklin Enfield | Grace Rowland |
| Sam Evans | Cletus Schertz |
| Richard Ferguson | James Sentz |
| J. Harlan Ford | Larry Smith |
| Evelyn Franklin | Robert Stucker |
| Carolyn Frings | David Wark |
| Earl Fuller | Dennis Warnes |
| Mel Hamre | Donald Westerberg |
| Delores Hansen | Harvey Windels |
| Glen Koskinen | |

Northwest Experiment Station will hold activities to celebrate its Centennial beginnings with Crops and Soils Day on Wednesday, July 19. Activities will include a visit by U of M President, Nils Hasselmo, who will speak at a noon luncheon in Brown Dining Room. There will be tours of the agronomy, soils, plant pathology and sugar beet research plots, booths, clinics and a research range dedication. Also featured will be the wheat, barley and oat varieties released by the University of Minnesota over the past 100 years. For further information, call 218-281-8602.

Special Seminar

Rhonda Rubow Culbertson will present "Agriculture and Plant Breeding in Bangladesh," on Tuesday, June 13 at 12:00 noon in 306 Borlaug Hall. Rhonda was an undergraduate who worked on the soybean breeding project several years ago. She worked as an agricultural missionary in Bangladesh and is now a soybean breeder overseas. Bring your lunch and join us.

Shape Up Challenge Award's Ceremony

Thank you to all who participated in the recent Shape Up Challenge in the Department of Agronomy and Plant Genetics. We had a total of 84 people participating. We will hold the drawings for the grand prizes (need not be present to win) on Monday, June 12 at 11:00 a.m. in 306 Borlaug Hall. Also, we will present some special awards. Refreshments will be served. Plan to attend.

Congratulations to Jim Halgerson who was the winner of the sixth week's drawing. He received a U of M sweatshirt.

Greenhouse Users

There won't be any spraying this weekend!

CLEAN UP: Old plant materials should be tossed, pots should be returned to the headhouse area and any other garbage should be disposed of or if it is something you want to keep-it should be stored somewhere out of the greenhouse. With the exception of the small grains houses, ****ALL**** pots should be stored in the headhouse. Weeds and extra plants should be cleaned off the benches. I have a torch if anyone would like to use it to burn the weeds off your benches.

Thanks, I appreciate your cooperation.

Pamela Altermatt

Grad Students and Advisors

Just a couple of notes regarding Summer Session:

1. As last year, Social Security (6.2%) and Medicare Tax (1.45%) will be deducted from your paychecks from June 16-September 15 unless:
 - Students register for a minimum of six credits during any combination of summer sessions I and II; or in the case of doctoral candidates, a minimum of one credit of dissertation work during the summer (if the student has passed the preliminary oral examination for the Ph.D. Degree); and
 - Employment is no more than 50% time.
2. Summer tuition benefits will not be automatically applied to fee statements. If a student is planning to register for Summer Session, please see Jeanne to complete a "Request for Tuition Benefit" form.

Foreign students holding F-1 and J-1 visa's will be exempt from social security / medicare withholding as long as they are considered nonresident aliens for tax purposes. Nonresident alien F-1 and J-1 student visa holders are exempt for the first five years in the country. These students will be exempt even if they are not registered and work more than 20 hours per week. Please see Jeanne if there are any questions.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY

Three Temporary Assistant Scientist positions, Department of Agronomy.

Closing dates: June 10 and June 15, 1995

NORTH DAKOTA STATE UNIVERSITY

Plant Protection Specialist, Department of Agriculture. B.A. Degree is required.

Closing date: June 28, 1995

SOUTH DAKOTA STATE UNIVERSITY

Assistant Professor of Plant Science/Extension Forage Agronomist. Twelve-month, tenure-track with 95% extension and 5% teaching.

Closing date: August 1, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
June 16, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

You are invited to attend a seminar hosted by Gary Gardner. The presenter is C. Dean Emeritus, College of Agricultural Sciences at Oregon State University. The seminar "Forms of Scholarship at the Land-Grant University," will in be on Thursday, July 6 from 9:00-10:00 a.m. in 365 Borlaug Hall. Follow-up discussions will be held from 10:30 a.m. to 12:00 noon in 125 Coffey Hall. If you have any questions regarding the arrangements, please contact Jean Kucera at 4-0780.

The Agronomy fishing and outdoor leisure trip will be held this weekend at Cedar Springs Lodge on Leech Lake. There will be a fishing contest held from Friday at 12:00 noon to Sunday at 10:00 a.m. Many great prizes will be awarded. Good luck to all.

The Wiley Mill Tissue Grinder disappeared out of the hood in the utility room, 549 Borlaug Hall. If you know the whereabouts of this, please call Pam Schultz at 5-5215.

Grants Received:

James H. Orf Minnesota Soybean Research and
Promotion Council
\$100,450 05/01/95-04/30/96

Friedrich Srien

David A. Somers Consortium for Plant
Biotechnology Research, Inc.
\$100,000 04/01/95-03/31/96

Field Days

Crops and Soils Field Day will be held at the Southern Experiment Station on Tuesday, June 20 from 8:30 a.m. to 3:00 p.m. in Waseca.

Southwest Experiment Station Summer Field Day will be held on Wednesday, June 21 at Lamberton. The field tours are from 8:30-11:45 a.m. and 1:00-2:30 p.m. There will be a special presentation at 12:30 p.m. entitled "The 1995 Farm Bill."

Shape Up Challenge

Shape Up Challenge Awards were given out on Monday, June 12.

Congratulations to the following individuals on their Awards:

\$100.00 gift certificate - Ed Schiefelbein
\$75.00 gift certificate - Roger Caspers
\$50.00 gift certification - Kim Genrich
Endorphin Award - Mark Matteson
Longest on Disabled List Award - Sue Miller
Most Creative Award - Donn Vellekson
Dudley DuWright Award - (Dynamo Team)
Dale Hicks, Erv Oelke and Craig Sheaffer
Rookie Award - Mike McClellan
High Fashion in Exercise Award - Bev Durgan and Nancy Ehlke
Vivacity Award - Nordine Cheikh

Down Under Team was awarded the pizza party at Pizza Hut.

We placed second in standard average with the Holiday Inn International. Keep up the good work!

Greenhouse Users

We have lost our sprayer for the summer. There aren't too many projects with spraying needs, but those of you who do let me know if you have any ideas about what we can do for the summer.

Pamela Altermatt

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

MINNESOTA FOOD ASSOCIATION
Research Associate. Part-time permanent position with possible expansion to full-time.
Closing date: June 26, 1995

UNIVERSITY OF MINNESOTA
Associate Dean of the Graduate School (50% time).

Closing date: June 16, 1995

Assistant Education Specialist. Teaching
opportunity program for Doctoral Students.

Closing date: June 26, 1995

PENNSYLVANIA STATE UNIVERSITY

Assistant Professor, Forage Management. Tenure-
track, 12-month position. Ph.D. In Agronomy.

Closing date: August 1, 1995

PIONEER HI-BRED INTERNATIONAL, INC.

Animal Nutrient Management Consultant, Soils
Science. M.S. Degree.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
June 23, 1995

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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Gayle Crookston's mother passed away last week. The funeral was in Utah.

Announcements

The Agronomy Fishing Contest Results:

Largest Northern Pike Category

10 lb. northern caught by Terry Panbecker (CENEX)

Largest Walleye Category

4 lb. walleye caught by Andy Halgerson

Largest Panfish Category

12 1/2" rock bass caught by Dean Sandstrom

Best Fish Trophy Category

Doug Miller caught five walleyes measuring up to 20" and three northerns measuring up to 26"

Congratulations!!

Fun was had by all and Woody says Hi. Scott Erickson will be the 1996 Chairperson next year, Art Killam will be the alternate. Hope to see you fishing next year.

Doug Swanson
Chairperson

Demolition of the caged storage area next to the cold room and sink area in the Crop Service Building is due to begin in the not to distinct future, hopefully. The area is to be used for cooling towers for the new growth chambers. Anyone with materials currently stored there should plan to move them as soon as possible to avoid having to move out with little or no notice at a future date. This could also delay the start of the demolition.

Donn Vellekson

Jim Orf and Craig Sheaffer will give a seminar on "Impressions of Krasnodor Region and Kuban Agriculture University." The seminar will be held on Tuesday, July 11 at 12:00 noon in 306 Borlaug Hall. Everyone is invited.

International Agricultural Programs cordially invites you to attend a reception in honor of Joan Darrell to recognize her 26 years at the University of Minnesota on Thursday, June 29 from 2:00 to 4:00 p.m. This event will be held at the Atrium of the Vocational and Technical Education Building, St. Paul Campus. The program will begin at 2:30 p.m.

Following are some dates of College Events to put on your calendar:

COAFES Picnic

Everyone in the College is invited to the first college wide picnic to enjoy the summer and spend a little down time together. Families and significant others are welcome. It will be held at William O'Brien State Park at Marine on the St. Croix from 12:00 noon until 5:00 p.m. on Saturday, July 22. More details later about the day's activities, menu, map to the park, etc.

Faculty Conference on December 12, 1995

All members of the COAFES faculty are invited to a Faculty Conference from 8:00 a.m. to 5:00 p.m., with a reception following from 5:00-6:00 p.m. The location is the Radisson Metrodome at 615 Washington Avenue S.E. on the Minneapolis Campus. Details regarding speakers and conference content will follow.

Siehl Prize for Excellence in Agriculture on November 14, 1996

College faculty and staff are invited to attend the award ceremony and reception from 3:00-5:00 p.m. at the Frederick R. Weisman Art Museum.

Stephanie Hencir

The new University of Minnesota I.D. Card system is scheduled for all staff, faculty, postdocs and students to receive them on WEDNESDAY, JUNE 28 from 8:00 a.m. - 5:00 pm. Go when your schedule allows; the process takes approximately 10-15 minutes. You need to go to the Northstar Ballroom, St. Paul Student Center. You will receive brochures and an informational letter detailing the U Card program by Friday, June 23. The U Card REPLACES your CURRENT ID CARD, it has no expiration date, and over the next year, your card will provide access to a number of campus activities and services. Some of these include access to University services and facilities such as dining halls, computer labs, and rec sports; a value stripe that can be used to make purchases from vending and copy machines; bookstore purchases, pay for parking, etc.

Papers Submitted for Publication

Influence of Corn-Soybean Cropping Sequence on Soil Population Densities of Pythium, Rhizoctonia, Fusarium, and Nematodes by S.E. Nickel and K. Crookston

Genomic Sequence for a Nuclear Gene Encoding Acetyl-Coenzyme A Carboxylase in Soybean by J. V. Anderson, S.M. Lutz, B.G. Gengenbach, and J.W. Gronwald

Bidirectional Selection for Condensed Tannin Concentration and Genetic Relationships with Forage Yield and Quality in Birdsfoot Trefoil (*Lotus corniculatus* L.) by P.R. Miller and N.J. Ehlerke

Barley-Annual Medic Intercropping by J.M. Moynihan, C.C. Sheaffer, and S.R. Simmons

Ph.D. Thesis Defense

Robb DeHaan, Evaluation and Development of Annual *Medicago* Species for Integration into Corn and Small Grain Systems. Defense will be held on Monday, June 26 at 9:00 a.m. in 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Director of Distance Education, Continuing Education and Extension. Ph.D. with three years experience.

Closing date: August 4, 1995

Training Coordinator, International Agricultural Programs, College of Agricultural, Food, and Environmental Sciences. M.S. in agricultural-related discipline. Twelve month, 100% time.
Closing date: June 23, 1995

Postdoctoral Research Associate position is available after July 1, 1995 to utilize molecular markers to identify genes in barley and wheat conferring resistance to *Fusarium* head blight (scab). Applicants should have a strong background in quantitative and molecular genetics. Experience in small grains pathology desirable, but not necessary. Send letter of application describing research experience, resume, all transcripts, and the names of three references to Dr. Maria Gallo-Meagher, Agronomy and Plant Genetics.

Program Director, Department of Food Science and Nutrition, and Biosystems and Agricultural Engineering. B.S. in food science or food engineering.

Closing date: June 30, 1995

SOUTH DAKOTA STATE UNIVERSITY
Research Associate, Plant Science Department. Twelve month, part-time position.
Closing date: July 15, 1995

UNIVERSITY OF WISCONSIN-MADISON
(Michael Fields Agricultural Institute)
Communications Coordinator for the Wisconsin Integrated Cropping Systems Trials (WICST). Full-time to develop materials and methods to communicate the findings and vision of the long-term sustainable agriculture project. B.A. is required.
Closing date: July 1, 1995

Assistant Researcher, College of Agricultural & Life Sciences, Rhinelander Agricultural Research Station. M.S. degree in horticulture, agronomy or other plant sciences. Full-time, twelve month position.
Closing date: July 7, 1995

If you are not currently receiving the Gleanings by e-mail, and would like to start to receive them (it saves paper), please let me know.

kessl001@maroon.tc.umn.edu

Thank you

MW
Ag 86a

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
July 7, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

To: Department faculty, staff, and graduate students:

Now that I have officially retired, I will start the task of cleaning out my office, continue my work as Technical Editor of Crop Science, and complete the publication process on several manuscripts. I have arranged for my Australian colleague, Dr. Mark Cooper, to spend his study leave in the Department from January to June, 1996, during which time we will complete some research initiated before I decided to retire. I appreciate Dr. Crookston's willingness to let me follow through on the commitment. If all goes well, Cooper and I will offer a course related to analysis and interpretation of plant breeding data, Winter '96. In addition, I have agreed to teach Agro 8210, Breeding Cross-Pollinated Crops, Spring Quarter '96.

I will continue to advise Rosana Figueroa, Russel Pinnisch, and Georgina Valle, and complete any other graduate committee assignments until the end of June, 1996. As a result of these plans, some of you may see me on a relatively regular basis for some time to come.

Bob Stucker

Note from Harlan Ford

Thanks to many members of the department for the "Surprise" party the evening before field day. Your attendance, your kind words, and your generous gift were all very much appreciated. You are not rid of me yet, however, as I plan to continue to spend some time around the department.

Harlan Ford

Announcements

You are invited to an Open House in honor of Dr. Lawrence H. Smith to celebrate his retirement from the Department of Agronomy and Plant Genetics at the University of Minnesota after 36 years of service. The event will be held on Thursday, July 27 from 3:00-5:00 p.m. in 306 Borlaug Hall. If you would like to make a donation towards a retirement gift for Dr. Smith, please send your contributions by July 21 (if by check, please make it payable to JoAnn F.S. Lamb). In addition, we are collecting letters from

his friends, former students, and colleagues to be included in an album to be presented to him at the Open House. If you would like to write a letter to be included in the album, please send it to Muriel Mapes by July 21, 1995.

The deadline for t-shirt design or logo has been extended until Monday, July 10. Please submit your ideas to Padma Commuri.

Starting Monday, July 10, the new windows will begin to be installed in Hayes Hall. Please remove all plants, pictures, etc. from your windowsills. We do not know yet what floor they will be starting on, but we should have more information next week.

The next faculty meeting will be held on Monday, July 17 at 1:00 p.m. in 306 Borlaug Hall.

Postdoctoral award opportunity for the 1996 Burroughs Wellcome Career Award in the Biomedical Sciences. The internal deadline is Monday, August 7, 1995. This program provides one to three years of postdoctoral support (approximately \$50,000 per year) and three years of faculty support (approximately \$100,000 per year). The program is designed to enhance the scientific development and productivity of outstanding investigators in the biomedical sciences by providing research training support, and assisting them during their initial years of faculty service in making the critical transition to becoming independent investigators. The University may nominate three candidates with the Ph.D. degree who are in their first or second postdoctoral year. See Jeanne if interested, faculty will need to nominate the candidate.

First College wide picnic for faculty and staff of COAFES will be held on Saturday, July 22 from 12:00 noon to 5:00 p.m. Pack a picnic lunch and bring your family or significant other to a day of fun and relaxation on the St. Croix River. There is 12 miles of walking trails, a swimming beach, canoe rental, volleyball, and horseshoes. Please RSVP by Monday, July 17 to Jeanne Davy at 5-1937.

The 1995-96 St. Paul White and Yellow Pages will be delivered on Tuesday, July 25 to 411 Borlaug Hall. One new St. Paul phone book will be left for every old St. Paul phone book left for recycling. Please place your old phone books outside 411 Borlaug Hall by 8:00 a.m. on July 25, and place your name on the sign up list.

Seminars

Jim Orf and Craig Sheaffer will present "Impressions of Krasnodar Region and Kuban Agriculture University." This seminar will be held on Tuesday, July 11 at 12:00 noon in 306 Borlaug Hall.

Professor Malyuga from Kuban University in Krasnodar, Russia will be presenting a seminar "Research in Russia" on Monday, July 17 at 10:00 a.m. in 335 Borlaug Hall.

M.S. THESIS DEFENSE - Wayne Selberg, Herbicide Mode of Action and Injury Symptoms in Spring Wheat and Barley, Monday, July 17 at 9:00 a.m. in 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA
Farm Advisor - Small Farm & Specialty Crops,
Division of Agriculture and Natural Resources.
M.S. in plant science.

Closing date: August 31, 1995

CIBA-GEIGY CORPORATION
Research Station Manager/Plant Breeder in
Rochelle, IL. Ph.D. in plant breeding.

Closing date: July 14, 1995

MAINE ORGANIC FARMERS AND
GARDENERS ASSOCIATION
Executive Director to administer overall
operations. Full-time position.

Closing date: July 7, 1995

UNIVERSITY OF MINNESOTA
Postdoctoral Associates available in the
Department of Soil, Water and Climate. The
department receives and evaluates applications
from candidates for temporary full-time and
part-time research positions on a continuous basis.
These positions are contingent upon availability
of funding. The department maintains a file of
applicants for these temporary positions for the
current fiscal year (through June 30, 1996).

UNIVERSITY OF NEBRASKA-LINCOLN
Geographical Information Systems Specialist,
Department of Agronomy. B.S. in agricultural
related field.

Closing date: July 17, 1995

WEST VIRGINIA UNIVERSITY
Extension Specialist - IPM Program, Division of
Agriculture and Forestry. M.S. in entomology,
plant pathology, agronomy or related field.

Closing date: July 10, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
July 14, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Carl Borgeson passed away yesterday, July 13. No funeral; memorial service sometime this fall.

Announcements

Congratulations to Nancy Ehlike who won the ASA Ciba Geigy Award. It recognizes outstanding performance in education (includes extension) and/or service. It focuses on young scientists. The award (a trip to Europe) will be used to help develop Nancy's educational program.

Congratulations to Robert Jones who won the Fellow CSSA Award and to Carroll Vance who won the Fellow ASA Award.

Please welcome Professor Rafael De Prado and his graduate student Rosa Gimenez who recently arrived from the University of Cordoba, Spain. Both will be working in John Gronwald's lab on projects involving mechanisms of herbicide resistance in weeds. Many of you may remember Rafael who was here for six months last year.

Three visiting professors from Russia will present a seminar "Research and Teaching at Kuban Agricultural University-Russia." Dr. Severin, Dr. Malyuga, and Dr. Vasilko will be presenting their seminar on Monday, July 17 at 10:00 a.m. in 335 Borlaug Hall. Everyone is invited.

PH.D. THESIS DEFENSE - David Pazdernik, Selection for Early Nodulation and Dinitrogen Fixation in the Soybean-Bradyrhizobium Symbiosis, Monday, July 24 at 9:00 a.m. in 306 Borlaug Hall.

Wayne Selberg's M.S. Thesis Defense has been cancelled for Monday, July 17 at 9:00 a.m.

Request for Cooperative Research Project Proposals from IPSA (Independent Professional Seedsmen Association) are due August 15, 1995 for the pre-proposals. See Jeanne for details.

You are invited to an Open House in honor of Dr. Lawrence H. Smith to celebrate his retirement from the Department of Agronomy and Plant Genetics at the University of Minnesota after 36 years of service. The event will be held on Thursday, July 27 from 3:00-5:00 p.m. in 306 Borlaug Hall. **REMINDER**, if you would like to make a donation towards a retirement gift for Larry, please send your contributions by July 21 (if by check, please make it payable to JoAnn F.S. Lamb). In addition, we are collecting letters from his friends, former students, and colleagues to be included in an album to be presented to him at the Open House. If you would like to write a letter to be included in the album, please send it to Muriel Mapes by July 21, 1995.

The entries for departmental t-shirt design/logo will be posted outside the main office (411 Borlaug Hall). Please select your choice and put it in either mailbox #50 or #139 by Friday, July 21. Please drop your comments or suggestions, if any, in the suggestion box.

First College wide picnic for faculty and staff of COAFES will be held on Saturday, July 22 from 12:00 noon to 5:00 p.m. Pack a picnic lunch and bring your family or significant other to a day of fun and relaxation on the St. Croix River. There is 12 miles of walking trails, a swimming beach, canoe rental, volleyball, and horseshoes. Please RSVP by Monday, July 17 to Jeanne Davy at 5-1937.

You are invited to submit presentations (posters, panels, and papers) for the symposium of the Association for Farming Systems Research and Extension (AFSRE). The North American meeting will be held in Ames, Iowa on November 6-8, 1995. The day before the conference you will be able to take an optional "farm and rural community" bus tour to look at different farming systems and how agriculture can support rural towns. The keynote speaker is Tom Frantzen, a northeast Iowa farmer who is working to

integrate livestock, field crops, woody crops and natural areas in a diversified farming system. For more information, contact Sue Jarnagin at Iowa State University (515-292-6802).

The 1995-96 St. Paul White and Yellow Pages will be delivered on Tuesday, July 25 to 411 Borlaug Hall. One new St. Paul phone book will be left for every old St. Paul phone book left for recycling. Please place your old phone books outside 411 Borlaug Hall by 8:00 a.m. on July 25, and place your name on the sign up list.

If you have not had an opportunity to get your new U Card or have a new faculty/staff/student who is trying to get an ID card, the U Card office is located at 40 Coffman Memorial Union, 300 Washington Avenue SE, Minneapolis Campus (626-9900). There are still plans to come to the St. Paul Campus during the fall quarter to issue cards again. When you get your U Card you need to be prepared to have your picture taken and bring along your driver's license or passport to verify who you are. The process takes 10-15 minutes.

House for rent from September 1 to June 1996. Three bedrooms, two baths, \$900/month. Contact Debra Martin at 625-7714 (days), 543 Borlaug Hall or 642-9612 (evenings).

Crib for sale (\$25.00) includes mattress. Call Deb at 5-7714 or stop in 543 Borlaug Hall.

Position Announcements (Posted in notebook in 411 Borlaug Hall)

ALCORN STATE UNIVERSITY
Farm Manager. M.S. in Agronomy.
Closing date: August 1, 1995

UNIVERSITY OF MINNESOTA
Dean, College of Biological Sciences.
Closing date: July 21, 1995

SOUTH DAKOTA STATE UNIVERSITY
Graduate Research Assistant, Plant Science
Department (Winter Wheat Breeding and
Genetics).
Closing date: September 1, 1995

UNIVERSITY OF WISCONSIN-MADISON
Graduate Assistantships, Agronomy Department.
Projects will consist of developing a spreadsheet
to assist farmers in improving the sustainability
of their operations.
Closing date: August 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

July 21, 1995

MIW
9 Aug 86

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

IMPORTANT: The crew installing the windows will be working all weekend. They will be doing installation in the NE corner of Hayes Hall, 2nd through 4th floors. Please make sure all window areas are cleared before leaving this weekend. Please cover your computers, etc.

You are invited to an Open House in honor of Lawrence H. Smith to celebrate his retirement from the Department of Agronomy and Plant Genetics at the University of Minnesota after 36 years of service. The event will be held on Thursday, July 27 from 3:00-5:00 p.m. in 306 Borlaug Hall. **REMINDER**, if you would like to make a donation towards a retirement gift for Larry, please send your contributions by **TODAY** to Muriel Mapes. In addition, we are collecting letters from his friends, former students, and colleagues to be included in an album to be presented to him. If you would like to write a letter to be included in the album, please give them to Muriel.

Please welcome to our department visiting French students Ms. Lysanne Bour, Ms. Verlainé Dusser and Mr. Laurent Coque. Lysanne and Verlainé are working on the oat project until the end of August, and Laurent is working with Howard Rines for six months. This is an ongoing exchange program with the Institute of Toulouse.

Deon Stuthman

The college wide picnic at William O'Brien State Park that was scheduled for tomorrow, has been cancelled. Mike Martin is hoping we will have an opportunity sometime in the future to continue building relationships among people throughout the College.

PH.D. THESIS DEFENSE - David Pazdernik, Selection for Early Nodulation and Dinitrogen Fixation in the Soybean-Bradyrhizobium Symbiosis, Monday, July 24 at 9:00 a.m. in 306 Borlaug Hall.

Farewell coffee for Robb DeHaan will be held on Thursday, July 27 at 9:30 a.m. in 306 Borlaug Hall. Robb has completed his Ph.D. in plant breeding and has accepted a position at Dordt College in Iowa.

Request for proposals for round three of the Pesticide Reduction Options (PRO) program. Under this program, eligible organizations may apply for grants of up to \$30,000 to fund projects which minimize use of and contamination from pesticides on Minnesota farms. The deadline for submitting a preproposal is September 15, 1995. Full proposals from invited applicants will be due November 15, 1995. See Jeanne for details.

The lab vacuum air service for Borlaug Hall will be shut off on Tuesday, July 25 from 7:30 a.m. to 4:30 p.m. Please notify Fred Clayton at 624-4940, of any problems that would prevent the interruption from proceeding on schedule.

The Department of Horticultural Science invites you to join in a Retirement Celebration for Dave Davis and Florian Lauer on Saturday, August 26 from 5:30-9:00 p.m. Dinner will be held at the Trout Air Restaurant in Forest Lake. Tickets for dinner are available from Martha Piechowski at 624-0728 until August 18. Letters from colleagues, friends and students are welcome and may be sent to Martha in the Horticulture Department, as may donations for a gift.

Please remember to sign your name on the FAX transmission form after you have sent a FAX. If you cannot wait by the FAX machine while your FAX is being transmitted, please let Leann or Jean know so you can be charged for it. Thank you.

Reminder

To all users of the dryers in Crop Service and the Seedhouse:

Check the samples that you already have in these dryers and remove the ones that are past the SEVEN DAY LIMIT. If not, I will contact your project once, then if they have not been removed, they will be taken out.

Mike McClellan (4-5395)

Greenhouse Users

Next week they are going to start putting our new lights in. Most of you have gotten your old lights out of the houses, but for those of you who haven't, could you please start taking down your lights. They are going to start with teaching and 415.

When you are done using soil in the soil carts, could you please put the tarp back over the cart. This slows the drying process considerably. Thanks.

Here are some tips on how to avoid heat stress:

1. Give yourself time to adjust to working in the heat.
2. Drink a lot of water before, during and after work-1 cup per 1/2 hour.
3. Wear lightweight, light-colored clothing that breathes and wear a hat with a wide brim in the sun.
4. If possible, do your heaviest tasks during the coolest parts of the day.
5. Seek shade or another cool area during your rest breaks. If possible take more frequent or longer breaks.
6. Use sunscreen.
7. Get an adequate amount of sleep.
8. Don't drink alcohol before work or during the day. Avoid drinking too much coffee.

Pamela Altermatt

Faculty and Staff

Six candidates for the Dean and Associate Director position have been selected.

Each of the candidates will be coming to campus for a one day interview between July 25 and August 4. During these visits, candidates will present a brief seminar on, "Leadership and Vision for the College of Agricultural, Food, and Environmental Sciences in the Next Decade," followed by a question and answer session. Also, a short coffee social will follow.

Faculty and staff who cannot make it to the morning seminar may want to attend the afternoon session where a video of the morning seminar will be shown, followed by a question and answer session transmitted over the interactive television network to four locations around the state. This part of the day is intended primarily for off-campus faculty and friends of the college, and the space will be limited in ITV Room 4, St. Paul Campus Library.

A special time is set aside (1:30-2:15 p.m.) each day for civil service and bargaining unit employees to meet the candidates.

All faculty and staff are also invited to a reception each day, 4:30-6:00 p.m. at the St. Paul Student Center.

In addition to attending the seminars, social

hours, and receptions, I hope you will attend the meetings with the candidates for civil service and bargaining unit employees, which will be held at 1:30-2:15 p.m. each day in 306 Borlaug Hall.

July 25 Dennis Keeney
July 26 Bruce Chassy
July 28 Janet Greger
July 31 Michael Martin
August 2 Elton Aberle
August 4 David Chicoine

The schedule of activities on the above dates is as follows:

9:00-10:15 a.m. - Seminar, 335 Borlaug Hall

Seminar followed by a question/answer session
10:15-10:45 a.m. - Coffee social hour with
COAFES Faculty/Staff, 306 Borlaug Hall

11:00-11:45 a.m. - Candidates meet with
COAFES FCC - St. Paul Student Center

12:00-1:15 p.m. - Candidates luncheon with
COAFES Associate Deans/Department
Heads - St. Paul Student Center

1:30-2:30 p.m. - View videotape of morning
seminar - Room 4, SPC Library

1:30-2:15 p.m. - Candidates meet with
COAFES Civil Service/Bargaining Unit
Employees - 306 Borlaug Hall

2:30-3:30 p.m. - Question/Answer Session with
ITV Participants

ITV Locations:

Crookston: 133 Kiehle Hall

Morris: Humanities and Fine Arts #7

Duluth: 173 Library

Rochester: 118 Science & Technology

Twin Cities Campus Location:

Room 4, SPC Library

3:45-4:30 p.m. - Candidates meet with
COAFES students, 306 Borlaug Hall

4:30-6:00 p.m. - Open reception for candidates
Location: Terrace South, St. Paul Student
Center (July 25, 26, 28, and Aug. 4)

North Star Ballroom, St. Paul Student
Center (July 31 and Aug. 2)

From: Charles Casey
Chair Search Committee

Position Announcements
(Posted in notebook in 411 Borlaug Hall)

CIBA-GEIGY CORPORATION

Research Assistant, Seed Research. This position will assist in the year-round nursery work in Florida. B.S. or M.S. in Agronomy or Horticulture.

CORNELL UNIVERSITY

Environmental Protection Specialist, Red Lake, MN. B.S. in environmental science, natural resources, or related field. Continue development of a program to protect the ground, water, and air resources of the Red Lake Reservation.

Closing date: August 18, 1995

UNIVERSITY OF FLORIDA

Assistant Professor-Molecular Genetics/Plant Improvement, Agronomy Department. Twelve-month, tenure accruing position. Ph.D. in plant molecular genetics.

Closing date: September 15, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
July 28, 1995

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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Thank You

Thanks to all who attended the Retirement Party for Sam Evans and me on June 29. I was overwhelmed by the large number at the party, the large number of cards and letters, and all the gifts that I received. As some of you know, I will be kept busy camping, working in my flower garden, working on family history and genealogy, and enjoying seven grandchildren and their families. Thanks again to all in Agronomy who advised me, cooperated in research projects, and who helped with field days at the WCES over this 26+ years.

Dennis Warnes, Retired Agronomist

Announcements

The Annual Corn Feed will be held on Thursday, August 3 at 12:00 noon in 306 Borlaug Hall. The cost is \$2.00 which includes hot dogs, cucumbers, tomatoes, lemonade, coffee and all the corn you can eat. Please pass the word to all Agronomy Personnel.

1995 Farm Fest - The College of Agriculture, Food and Environmental Sciences has a tent at the 1995 Farm Fest being held on August 1, 2 and 3 next week near Redwood Falls (Gilfillan, MN).

Several departments and centers in addition to the College will have displays in the tent. We (CAPAP) will be taking up our display and the Agronomy & Plant Genetics display. If any students (grads, undergrads) or faculty are going to attend, it would be well if some of your time could be devoted in the tent at the Departmental display. On August 1 at 11:30 a.m., Secretary of Agriculture, Glickman will be at the Farm Fest.

Erv Oelke

The Northrup King Development Committee is sponsoring an intensive financial management workshop, Money Basics that will be held as two three-hour events on Thursday, September 7 and the following Thursday, September 14 from 6:30-9:30 p.m. This is a comprehensive financial planning workshop. Please sign up in 411 Borlaug Hall by August 18. Space is limited.

Make-up training sessions for the "Training Program for the Prevention of Violence and Harassment" will be offered on four different days for those members of the department who were unable to attend the previous sessions.

These sessions will be held on:

August 4 9:00-11:00 a.m.
August 10 9:00-11:00 a.m. (St. Paul)
August 11 9:00-11:00 a.m.
August 24 8:00-10:00 a.m.

To register and find out about locations, please call Molly Collins or Jeffrey Cookson at 624-7845.

The Minnesota State Fair is approaching and University Relations is looking for volunteers to staff the booth in the Education Building. The booth provides an opportunity to distribute information about our public programs. The fair begins August 24 and ends on September 4. The shifts are from 8:30 a.m.-12:30 p.m., 12:30-4:30 p.m., and 4:30-9:00 p.m. If you are interested, there are forms at the front desk in 411 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA-LINCOLN
Research Associate, Department of Agronomy.
Non-tenure position, available for one year beginning on October 1, 1995. Ph.D. in agronomy, biological science or related field.

Closing date: September 15, 1995

UNIVERSITY OF GEORGIA
Assistant Professor, Cotton
Physiology/Management, Department of Crop and Soil Sciences. Twelve-month, 100% research, tenure-track position.

Closing date: October 1, 1995

Assistant/Associate Professor, Weed Science,
Department of Crop and Soil Sciences. Twelve-month, 100% research, tenure-track position.

Closing date: October 1, 1995

UNIVERSITY OF KENTUCKY

Research Specialist-Corn Hybrid Testing,
Department of Agronomy. M.S. in plant breeding
or agronomy.

Closing date: September 1, 1995

UNIVERSITY OF MINNESOTA

Assistant Professor, Department of Soil, Water,
and Climate. Twelve-month, tenure-track.
Ph.D. with emphasis in climatology,
meteorology, or related field.

Begins: January 1996

Postdoctoral position, Department of
Pharmacology. Ph.D. in biological sciences.

Closing date: August 1, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

August 4, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Special thanks to the Corn Project for the delicious corn they provided for our Annual Corn Feed and thanks to all of the office staff for their help.

The Northrup King Development Committee is sponsoring an intensive financial management workshop that will be held as two three-hour events on Thursday, September 7 and Thursday, September 14 from 6:30-9:30 p.m. Please sign up in 411 Borlaug Hall by August 18. Space is limited.

The University has a new Used Computer Transfer and Sale system that was developed to conserve University resources by helping departments move their used computer equipment while allowing other University departments, faculty, staff and students to purchase the used equipment at an affordable price. A sale will take place next week at 60 Eddy Hall, 192 Pillsbury Dr. SE, Minneapolis Campus. University departments can attend the sale from 9:00 a.m. to 12:00 noon, and then it will be open to the public from 1:00 to 4:00 p.m. The sale price is an estimated value of what the equipment is worth to the department that is selling it in today's market.

Monday, August 7	Sale price
Tuesday, August 8	20% off sale price
Wednesday, August 9	40% off sale price
Thursday, August 10	60% off sale price
Friday, August 11	80% off sale price

All items are offered for sale on an "as is" basis. All sales are final. No refunds, exchanges or returns will be made. All payments must be made by cash or a departmental journal voucher. No checks will be accepted. Also, you must take the equipment with you at the time of purchase. Some of the equipment that will be for sale are Mac Classics, Pluses, SEs, SE/30s, Apple ImageWriter IIs, LaserWriter IINTs, IBM PS/2s, IBM monochrome monitors, as well as many other items.

Call for Preproposals for 1996 Sustainable Agriculture Research and Education Program, North Central Region. The deadline is September 15, 1995 for receiving twenty-five copies of the preproposal at the University of Nebraska-Lincoln. See Jeanne for details.

It's that time of year again to remind you that we are still in need of civil service representatives on the collegiate committees. One representative is needed for the Curriculum Committee (meets one to two times per month), and one representative is needed for the Faculty Development Committee (meets once per month). For information on these two committees, contact Elise Forrette at 4-4212. Also, one representative is needed for the Scholastic Affairs Committee (meets one to two times per quarter). Contact Mark Bultmann at 4-2746 for more information.

Larry Alexander has offered a set of Crop Science (1976-1995) and Agronomy Journals (1976-1995) to anyone. Contact Don Rasmusson.

Greenhouse Users

From the pest management bulletin: The first step in IPM--START CLEAN!! Experience has shown many growers that a little cleanup early is better than a lot of rescue later. This point was also emphasized by Dr. Richard Lindquist during a seminar that I recently attended. He stated that "greenhouses don't have to be hospital clean but they should be kitchen clean."

With the exception of the small grains people, all pots should be stored in the head house.

When you remove plant materials from your house, please sweep up behind yourself.
THANKS!! Pamela Altermatt

Seminar

Scab of Wheat: Epidemiology, Inheritance and Molecular Markers Linked to Cultivar Resistance by Guihua Bai from the Department of Botany and Plant Pathology, Purdue University. The seminar will be held on Friday, August 18 at 2:00 p.m. in 306 Borlaug Hall.

Vehicle Problems

This past week, vehicle 2196 (blue Caravan) was gone but not signed out. This caused people that had the van checked out thinking it was here, work and transportation problems occurred when they realized it was gone.

All departmental personnel that sign these vehicles out, make sure that you have the correct dates and times recorded on the sign out sheet for the vehicles. If your plans change and you do not need the vehicles, make sure that you erase your name off the sheet ASAP, so that other people can sign out vehicles without problems. Any questions, please call Mike at 4-5495.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF GUELPH

Assistant Professor, Department of Crop Science.
Tenure-track position in weed science.

Closing date: November 30, 1995

UNIVERSITY OF MISSOURI

Research Associate in forage crops, Agronomy
Department. B.S. in agriculture.

Closing date: August 15, 1995

PIONEER HI-BRED INTERNATIONAL, INC.

Research Associate in soybeans at Johnston, Iowa.
B.S. in agriculturally-related area.

Closing date: September 30, 1995

UNIVERSITY OF WISCONSIN-MADISON

Assistant Professor, Vegetable Crop Production
Systems, Department of Horticulture. Tenure-
track, 80% extension, 20% research, 12-month
appointment.

Closing date: October 31, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

August 11, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Messages

Jackie and I would like to thank each of you for your kind words and support at our recent retirement party. Our granddaughter thought it was a nice party as well. We will cherish the picture which you gave us and always associate each of you with this memento. Our grandchildren are also enjoying the video on "we're going to the farm" which has been a big hit.

My immediate plans call for teaching the harvest and storage course in the fall so I'll be around this fall quarter. By the time the cold sets in we hope to be in the sunny south returning in time to continue farming until our money is gone. Again our thanks to each of you, and especially to the social committee for this fine send off into retirement.

Jackie and Larry Smith

Dave Robinson sends his farewell to the department from Louisville, Kentucky where he has been hired as an assistant professor at a small, private, liberal-arts college (Bellarmine College). He will be teaching undergraduate courses in general- and plant-biology. His mailing address is: Biology Department, Bellarmine College, 2001 Newburg Road, Louisville, KY 40205-0167; department office phone number: 502-452-8196.

Charlotte Eberlein sends greetings from Aberdeen, Idaho. She and her family are doing well. Congratulations are in order for her as she is the new President-elect of the Western Section of WSSA.

Announcements

The Faculty Meeting scheduled for Monday, August 14 has been canceled.

The Grad Club Picnic has been canceled indefinitely/postponed due to low response and inclement weather.

Graduate Students: If you are interested in being a TA for Agro 1010, Principles of Agronomy, for fall

quarter please see Lynne, Teresa, or Dr. Cardwell. This would mainly involve teaching a lab section, giving 1 or 2 lectures, and grading papers and exams. If you would like to ask previous TAs about their experiences, check with Scott Reuss, Padma Commuri, Kim Genrich, or Yanping Zhu. We also have other TA opportunities, if you are interested see Lynne in 302 Hayes Hall. Thank you.

Agronomy 5310: The summer tour of "Plant Breeding" enterprises is now set for August 29-31. Same setup as previous years and details will be in grad student mailboxes early next week. Contact Jean Swanson for more details.

Nick Jordan, Don Wyse and Gregg Johnson received a USDA grant of \$74,430 for May 1995 to April 1997 for the following research: Preventive Weed Control Using Weed-Competitive Soybean.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Research Fellow - Tree Physiology/Genetics,
College of Natural Resources, Department of Forest Resources, M.S. in plant sciences, 50-100% time position.

Closing date: September 1, 1995

NORTH DAKOTA STATE UNIVERSITY
Assistant Director - Foundation Seedstocks Project,
Department of Plant Sciences. M.S. degree.

Closing date: September 1, 1995 or until position filled

SOUTH DAKOTA STATE UNIVERSITY
Post Doctoral Research Associate, Plant Science
Department, Ph.D. in Plant Science or a related field.

Closing date: August 31, 1995 or until position filled

UNIVERSITY OF WISCONSIN-MADISON

Research Program Manager - an academic staff position in the UW-Madison College of Agricultural & Life Sciences, in Madison, WI.

Bachelors/Masters degree in plant sciences.

Closing date: September 15, 1995

Assistant Researcher - an academic staff position in the UW-Madison College of Agricultural & Life Sciences, Rhinelander Agricultural Research Station.

M.S. in plant sciences.

Closing date: September 15, 1995

AMERICAN SEED TRADE ORGANIZATION

Executive Vice President, Treasurer, and Secretary

6-10 years senior level management experience;

Graduate degree preferred.

CARGILL HYBRID SEEDS

Biotechnology Research Technical Position in

Aurora, IL. B.A. or B.S. in agricultural/plant

science field.

OFFICE OF SUSTAINABLE AG. PROGRAMS-
USDA

Associate Director. M.S./Ph.D. in agriculture or related field, in Washington DC.

Closing date: September 15, 1995

Communications Specialist Position.

B.S.,B.A./M.S. in journalism, agriculture or other relevant field.

Closing date: August 31, 1995

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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

August 18, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Pauline Nickel accepts interim shared leadership of Southwest Experiment Station. Effective immediately, Pauline Nickel, SW District Director, is sharing administrative responsibilities and duties of the Southwest Experiment Station (SWES) head with current head, Bill Lueschen, until he leaves this fall to assume a faculty position in the Department of Agronomy and Plant Genetics. From then on, until 31 December 1995, Pauline will be Acting Head. During this time, she will continue as SW District Director, with some adjusted responsibilities. Mike Martin, Interim Dean, and Gary Lemme, Acting Asst. Director, are working with SW and West Central Experiment Station advisory committees, and experiment station and MES faculty and staff in these areas to explore alternatives for the future of SWES after 31 December. We'll keep you posted on ongoing developments.

Next week the final candidate for the Dean and Director of the Minnesota Extension Service position will be interviewing. Dr. Orrin Smith, former Assoc. Dean and Director of the Oregon State University Extension Service will be giving a seminar on Thursday, August 24 from 3:00-4:30 p.m. in Room 335 Borlaug Hall. I encourage your attendance. Video tapes of the seminars of the other candidates, Drs. Peter Bloome, Frank Fear, Katherine Fennelly and Gail McClure are available for viewing. Contact Scott Kern at 624-2771.

Erv Oelke

Beginning with the 1995 Fall Quarter, the Libraries will no longer be able to place course packets on reserve. Anthologies of readings (as represented by course packets) are not covered by the "fair use" provisions of the copyright law. The Libraries will, however, continue to accept individual articles (including reprints and photocopies) as well as books and other monographs as readings reserved for class use. Faculty will need to obtain permission of copyright holders through the University's Copyright Permissions Center (626-9416) if photocopied articles are placed on reserve for more than one quarter.

From Sustainable Agriculture Research and Education Program - North Central Region: The Council encourages proposals with interdisciplinary linkages involving both the public and private sectors. Deadline: Sept. 15, 1995.

Minnesota Wheat Res. & Promotion Council Funding is for one year only. Special consideration will be given to proposals which directly or indirectly address various aspects of Fusarium head blight. Deadline: Oct. 2, 1995.

PC Express has closed its doors August 1. If your project has purchased equipment from PC Express within the past 5 years, please report to Marilyn or Judy. We are compiling a list for Purchasing Services who is working with the Attorney General's Office to resolve any outstanding warranties and purchasing issues.

There is still space available for the Agronomy 5310 trip August 29-31. People outside class are welcome to join. See Jean Swanson, 411 Borlaug Hall (Phone: 5-2740).
Deon Stuthman

Travel

For U business travelers, 10% discounts are now available for domestic air reservations from Northwest Airlines and 7 other major airlines as settlement of the airlines antitrust class action lawsuit. When booking tickets, refer the travel agent to program code Multistate and CRS code MS10. The U's preferred travel agencies, Carlson Wagonlit Travel, Northwestern Business Travel, Travel Associates, and AAA Minnesota (Duluth campus), will automatically apply the discount if you charge the travel to the CUFS account number of the American Express Corporate Card. For other travel agencies, you will need to supply a letter of authorization for each reservation. For questions or a copy of a sample letter of authorization, call Travel Services at (612) 624-2828. Letter of authorization can be obtained from Judy or Marilyn.

Seminars

Scab of Wheat: Epidemiology, Inheritance and Molecular Markers Linked to Cultivar Resistance by Guihua Bai from the Department of Botany and Plant Pathology, Purdue University. The seminar will be held on Friday, August 18 at 2:00 p.m. in 306 Borlaug Hall.

A Method for Genetic Transformation of Wheat by Direct Application of DNA to Plants by Professor Zahir Eyal from the University of Tel Aviv. The seminar will be held Monday, August 21 at 8:30 a.m. in 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA

Assistant Academic Advisor, College of Natural Resources - Office for Student Affairs. Master's degree in student personnel, natural resources, or a related field.

Closing date: August 23, 1995

SUNKYONG INDUSTRIES

Research positions in Korea for scientists in the fields of natural/medical/pharmacological sciences. Ph.D., fluency in Korean, willing to relocate to Korea.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
August 25, 1995

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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

It has been noted that the doors have been left open, and the lights and exhaust fan left on in the Crop Service Building after hours on several occasions. With the fair going on and increased activity around campus, please remind students and others to lock the doors if they are the last ones working in the building after 4:00 p.m.

Graduate students - You are susceptible to FICA every quarter and need to register prior to September 16.

The Graduate School will hold orientation sessions for new students on September 18-20. You should receive a schedule in the campus mail. If you do not, please see Lynne in 302 Hayes Hall. We encourage you to attend these sessions. They are very informative with such topics as how to keep your sanity during graduate school, juggling roles, employees, family members, and making your learning style work for you, etc.

The Minnesota State Fair began its twelve day run on Thursday, August 24 and continues until Monday, September 4. Again, campus access and parking during the fair will be restricted. Normal access will be available during business hours, but only the controlled access through Folwell Avenue (north of the gymnasium) will be available after hours and weekends. Identification will be required for entrance.

Anyone interested in starting a bowling team or substituting on a bowling team for the Staff/Faculty League at the St. Paul Student Center, call Pam at 5-3153.

Greenhouse Users

The soil cart fleet is up to full force for the first time in nine months, but please get in your soil requests. The month of September is a busy time for soil needs so please be patient.

REMEMBER: When filling pots with soil, please leave a space for the water to sit and eventually soak through the soil in the pot.

Pamela Altermatt

Call for Applications

Life Sciences Bioethics Institute: The Iowa State University Model Program in Environmental and Agricultural Ethics at Michigan State University, May 5 - 10, 1996 in East Lansing, MI.

The ISU institute teaches basic methods and principles in ethics to life science faculty members, focusing on those who deal with the environment, food, nutrition, animals, and agriculture. The institute equips faculty to introduce discussions of ethical issues into existing science courses. The institute provides case studies, classroom exercises, bibliographies, and other practical strategies used successfully by life scientists to introduce ethics into their classes.

Possible issues to be covered:

- Intellectual property rights
- Honesty and integrity in scientific research
- Environmental ethics and intrinsic value of ecosystems
- Labelling of genetically engineered foods
- Animal welfare and rights
- Justice between developed and developing economies
- Risk assessment and the politics of uncertainty
- Feminist moral theory
- The place of human beings in nature

Stipend: All participants will receive \$250.

Requirements: Applicants must be tenured or tenure-track life science faculty members. The institutions of out-of-town applicants must commit funds to cover applicant's travel, lodging, and meals. Applicants promise to introduce the equivalent of at least one hour-long discussion of ethics into each semester-length class they teach. Deadline for applications: 1 March 1996. Contact: Dr. Fred Gifford, Philosophy Department, 503 S. Kedzie Hall, Michigan State University, East Lansing, MI (517/355-4490; email: gifford@pilot.msu.edu).

Special Seminar

Genetic Mapping of Eyespot Resistance Gene Pch2 on Wheat Chromosome 7A Using Recombinant Substitution Lines by Robert de la Pena, Department of Plant Pathology, Washington State University. The seminar will be held on Friday, September 8 at 3:00 p.m. in 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA

Assistant Cooperative Extension Specialist and Weed Ecologist, Department of Vegetable Crops. Ph.D. in a plant science discipline.

Closing date: December 1, 1995

CROW'S HYBRID CORN COMPANY

Corn Breeder in Milford, IL. Ph.D. degree.

LOUISIANA STATE UNIVERSITY

Assistant Professor, Department of Experimental Statistics. Ph.D. degree. Tenure-track position.

Closing date: August 31, 1995

UNIVERSITY OF NEBRASKA-LINCOLN

Research Associate, Department of Agronomy. Ph.D. in agronomy or related field. Nontenure position, available for 12 months.

Closing date: September 15, 1995

UNIVERSITY OF WISCONSIN-MADISON

Outreach Program Manager II, Center for Integrated Agricultural Systems. Ph.D. in social science or interdisciplinary field. One year appointment with possibility of renewal.

Closing date: September 5, 1995

Steve Simmons received the following letter from William M. Welty. It is from a farmer who sent it to the Department of Agriculture:

Dear Sir (or Madam):

My friend, Ed Peterson, over at Ute, Iowa, received a check for \$1,000 from the government for not raising 50 hogs. So, I want to go into the "not raising hogs" business next year.

What I want to know is, in your opinion, what is the best kind of farm not to raise hogs on, and what kind is the best breed of hogs not to raise? I want to be sure that I approach this endeavor in keeping with all the government policies. I would very much prefer not to raise Razorbacks, but if that is not a good breed not to raise, then I will just as gladly not raise Yorkshires or Durocs.

As I see it, the hardest part of this program will be keeping an accurate inventory of how many hogs I haven't raised.

My friend, Peterson, is very joyful about the future of the business. He has been raising hogs for twenty years or so, and the best he ever made on them was \$422 in 1971, and this is until this year when he received your check for \$1,000 for not raising 50 hogs.

If I get \$1,000 for not raising 50 hogs, will I get \$2,000 for not raising 100 hogs? I plan to operate on a small scale at first, holding myself down to about 4,000 hogs not raised, which will bring in about \$80,000 the first year. Then I can afford that airplane I've been wanting.

Now another thing, these hogs I will not raise will not eat about 100,000 bushels of corn. I understand that you also pay farmers for not raising corn. Will I qualify for payments for not raising any corn to feed the 4,000 hogs I am not going to raise?

Also, I am considering the "not milking cows" business, so please send me any information your department has on this program, too.

In view of these circumstances, you understand that I will be totally unemployed and will qualify for unemployment compensation and food stamps.

Be most assured that you and the President will have my vote in the coming election.

Patriotically yours,
Just Waiting in Iowa

P.S. Would you please notify me when you plan to distribute more surplus cheese.

Agronomy Gleanings

Department of Agronomy and Plant Genetics

University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

September 1, 1995

MIW
J. Ag. 8/26

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Monday, September 4 is Labor Day. The University of Minnesota will be closed.

Civil Service nonunion employees received a 2% across-the-board salary increase retroactive to July 1, 1995. The increase and retroactive pay was received on the August 15 paycheck. If you have any questions, please contact Jeanne.

Research Assistants must register by September 25 to qualify for the student exclusion from FICA taxes during the first pay period of Fall Quarter (September 30 paycheck).

Congratulations to Neal Martin who was on Top of Leader Board for the Golf Bugs with a fantastic round of 41-10-31 on August 21. He received low net honors that week.

The "gold.tc.umn.edu" system will be down on Sunday, September 3 starting at 8:00 a.m. for about eight hours to migrate mailboxes to new larger disks, and configure the new home file system.

Greenhouse Users

If you don't have plants in your pots, they should not be in the greenhouses. Everybody needs to do some cleaning up in their greenhouses. Weed control on the bench tops is also your responsibility. FINES will be issued in September. This is an especially good time for those of you who are getting new bench tops to clean your houses. I would appreciate your cooperation in this matter.

Pamela Altermatt

Special Seminar

Genetic Mapping of Eyespot Resistance Gene Pch2 on Wheat Chromosome 7A Using Recombinant Substitution Lines by Robert de la Pena, Department of Plant Pathology, Washington State University. The seminar will be held on Friday, September 8 at 3:00 p.m. in 306 Borlaug Hall.

Brown Bag Noon Hour Discussion

Jonathan Shaver, Ph.D. Thesis Proposal, Friday, September 8, 408 Hayes Hall, 12:00 noon. Everyone is welcome.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

MCGILL UNIVERSITY

Dean of the Faculty of Agricultural and Environmental Sciences.

Closing date: October 30, 1995

UNIVERSITY OF MINNESOTA

Research Associate, Department of Biochemistry. Ph.D. in biochemistry or biophysics.

Closing date: September 5, 1995

WILDER FOREST

Agricultural Specialist. Need five years of farming experience, including poultry, livestock, crop farming, orchards, and rotational grazing.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
September 8, 1995

MW
PA 86a

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Mark Schoenbeck's wife passed away in a car accident while traveling in Montana.

Shane Heinen's four month old daughter passed away on Thursday, September 7.

Carl Borgeson passed away July 13, 1995 at the age of 88. Born in Akeley, MN and grew up in Virginia, MN. Retired Professor of Agronomy & Plant Genetics. Former instructor at the School of Agriculture. A former member of the U of M Marching Band, U of M Alumni Band, the Brooklyn Center Municipal Band, and the Roseville Municipal Band. Survived by daughter Carol and husband Jerry Hartvigsen. A memorial service will be held on Saturday, September 9 at 1:30 p.m. at St. Anthony Park United Church of Christ, 2129 Commonwealth Avenue, St. Paul. A burial service will follow at Lakewood Cemetery. Memorials preferred to St. Anthony Park United Church of Christ, New Doorways for Our Faith.

Announcements

Dr. Donald Dickenson, Ph.D. 1957, was visiting Labor Day and I brought him to Hayes Hall, Borlaug Hall and around the campus generally. He was happy to see the buildings and especially Hayes Hall and Borlaug Hall.

Laddie Elling

I have left for a new position in Swift Current, SK with Agriculture Canada, and I am getting married in two weeks. I have really enjoyed my postdoc, largely due to the very friendly and helpful people of this department. I wish you all the best.

Stephen Fox

The three finalists for Dean of COAFES forums have been scheduled as follows: Elton Aberle, University of Nebraska, September 12; David Chicoine, University of Illinois, September 14; and Michael Martin, University of Minnesota, September 20. All forums will be held from 2:30-3:45 p.m. in 335 Borlang Hall.

The Land Stewardship Project is sponsoring a self-guided tour of community supported farms in eastern Minnesota and western Wisconsin. The event will be held on Saturday, September 16 from 10:00 a.m. to 4:00 p.m., "Our Food, Land and Community." Families are encouraged to visit any of the 12 farms participating in the tour where they will be able to see how their food is grown while enjoying a day in the country. Maps to the farms are available from the Land Stewardship Project. The growing interest in Community Supported Agriculture (CSA) has enabled more people living in urban communities to obtain fresh, locally grown food. The tour will be of interest to people of all ages.

Deon Stuthman will be conducting a tour group on Saturday, September 16 to make three tour stops at Cargill in Stillwater; Cardinal Farm; Dan Guenther's Philadelphia Farm. He will leave here about 9:00 a.m. and be back around 4:30-5:00 p.m. Please call Jean Swanson at 5-2740 if you are interested in going.

Southwest Experiment Station Fall Field Day will be held in Lamberton on Wednesday, September 13. Continuous field tours will be from 8:00 a.m. to 2:30 p.m. Free water testing for nitrate will be held during the day.

Corn and Soybean Field Day at the Southern Experiment Station in Waseca will be held on Thursday, September 14 from 8:00 a.m. to 2:00 p.m. Tim Penny will present the latest developments in farm policy.

University Stores ninth annual open house will be held on Wednesday, September 20 at the Radisson Hotel Metrodome. This annual event will showcase many new products. Over 50 vendors and University Departments will participate in the show. Hours are from 10:00 a.m. to 3:00 p.m. Lunch will be served from 11:30 a.m. to 1:00 p.m. All University employees are invited to attend.

The steam service in Borlaug Hall will be interrupted for repair. The outage is necessary for dirt leg and valve replacements in the tunnel. All steam service will be affected on Thursday, September 14 from 7:30 a.m. to 8:00 p.m. Please call Fred Clayton at 4-4940 of any problems that would prevent the interruption from proceeding on schedule.

World Conference on women is the focus of a series of panel discussions at the St. Paul Student Center in November. "International Perspectives on Women and Public Policy Issues" will be the focus of a three-part series of noon-hour panel discussions at the St. Paul Student Center featuring Minnesota women who attend the United Nations Fourth World Conference for Women in Beijing. The series will begin on Tuesday, November 14 at 12:00 noon. Other dates will be Tuesday, November 21 and Tuesday, November 28. All panels will take place in the Minnesota Commons Room. All sessions are free and open to the public.

Brown Bag Noon Hour Discussion

Dr. Carroll Vance, Nitrogen Fixation in Alfalfa: Evolution of a Project, 306 Borlaug Hall, 12:00 noon. Everyone is welcome.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARIZONA

Associate/Full Professor in Plant Molecular Genetics. Tenure-track position (80% research, 20% teaching).

Closing date: November 1, 1995

UNIVERSITY OF MINNESOTA

Postdoctoral Associate, Plant Molecular Genetics Institute, Biological Sciences. Temporary (two years) research position.

Closing date: October 16, 1995

Graduate Research Assistant, Minnesota Center for Survey Research.

Closing date: September 15, 1995

NORTH CAROLINA STATE UNIVERSITY

Research Associate Postdoctoral, Plant Molecular Geneticist, Department of Crop Science. Ph.D. in molecular biology or related area. Funding is available for one year.

Closing date: October 1, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
September 15, 1995

11W
9 Aug 86

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Thank you

I would like to thank the faculty, staff, and graduate students of Agronomy and Plant Genetics for their kindness and their expressions of sympathy in my wife's passing. It is much appreciated.

Mark Schoenbeck

Announcements

University Stores ninth annual open house will be held on Wednesday, September 20 at the Radisson Hotel Metrodome. This annual event will showcase many new products. Over 50 vendors and University Departments will participate in the show. Hours are from 10:00 a.m. to 3:00 p.m. Lunch will be served from 11:30 a.m. to 1:00 p.m. All University employees are invited to attend.

Just a reminder that the 1996 Research Proposals for the Minnesota Wheat Research and Promotion Council are due October 2, 1995.

If you are a new student and want to obtain an ID card from the University, it is recommended that you register first. There are still two days left in September when you can obtain your U Card at the Student Center. On Monday, September 18 from 12:00-4:00 p.m. in the Northstar Ballroom and on Tuesday, September 19 from 10:00 a.m.-4:00 p.m. in the Commons Room. You need to bring a photo I.D. with you.

Fall Quarter starts Thursday, September 21.

1996 Request for Proposals
The North Central Regional Center for Rural Development is seeking proposals linking research and community development practice in our priority areas. Preproposals for the 1996 funding cycle are due at the Center by October 1, 1995. The range of funding is normally \$1,000 to \$20,000 for the life of the project. Projects may be from one to three years. See Jeanne for details.

Graduate School
Grants-in-Aid of Research, Artistry and Scholarships/Proposals for 1995/96 are due Monday, October 2, 1995. See Jeanne for details.

LCMR will be holding a public natural resource forum on Monday, October 2 at the Earle Brown Continuing Education Center, Room 135 A-C from 7:00-9:00 p.m.

Fall Sheep Day will be held at the West Central Experiment Station at Morris on Saturday, September 23. Registration begins at 12:00 noon.

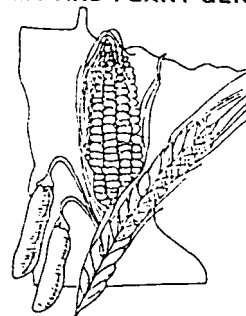
Brown Bag Noon Hour Discussion

Dr. Vernon Cardwell, Scientists Role in K-16 Science Education about Environment, Food, Agriculture and Renewable Resources, Friday, September 22 at 12:30 p.m. in 306 Borlaug Hall.

Update on T-shirts

The following design got one majority vote.

AGRONOMY AND PLANT GENETICS



UNIVERSITY OF MINNESOTA

T-shirts will be on display soon in the main office. A sign up sheet will also be available to place your order for your new t-shirts.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

IOWA STATE UNIVERSITY
Facility Director (Ph.D.); Transformation Specialists (Ph.D. or M.S.), Department of Agronomy.

Closing date: October 1, 1995

Plan Service Manager, MidWest Plan Service, Agricultural & Biosystems Engineering Department. M.S. in business, communications, engineering or journalism. Twelve-month position.

Closing date: January 1, 1996

UNIVERSITY OF KENTUCKY
Assistant/Associate Professor, Department of
Agronomy. Ph.D. in soil physics or a closely
related discipline. Twelve-month, tenure track.
Closing date: November 15, 1995

UNIVERSITY OF MINNESOTA
Program Advisor, Minneapolis Student Unions.
B.S. degree.
Closing date: September 20, 1995

UNIVERSITY OF NEBRASKA-LINCOLN
Plant Molecular Cytogeneticist, Department of
Agronomy. Ph.D. in agronomy, tenure-leading,
20% teaching and 80% research.
Closing date: December 1, 1995

UNIVERSITY OF TENNESSEE
Extension Assistant, Department of Plant and
Soil Science. Nontenure position. M.S. in plant
science or related field.
Closing date: October 20, 1995

Dilbert: By Scott Adams



Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
September 22, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Please welcome Charlotte Conn to the department as the new MISA secretary. She is from North Carolina. Her office is 413 Hayes Halls.

Faculty - please note that the next faculty meeting has been scheduled for Monday, October 16 from 1:00-3:00 p.m. in 306 Borlaug Hall.

Gopher Crops and Soils' Hot Dog Feed will be held on Wednesday, September 27 at 5:30 p.m. on the patio behind the Borlaug Hall main entrance. Everyone is welcome to come.

There are new options in health plans for University of Minnesota employees that will be made available during open enrollment which is scheduled for mid-October to November 15. You will be receiving a publication from Employee Benefits explaining changes and options. If you have questions about the plans, the Benefits Department will be on campus Wednesday, October 4 from 12:00 noon to 1:00 p.m. in the Theatre of the St. Paul Student Center.

Grad Student Orientation Session will be held on Friday, September 29 from 3:00 to 4:30 p.m. in 306 Borlaug Hall. The purpose of this orientation is to familiarize you with the department and the expectations of the graduate students in our department. After the orientation session, the Grad Club officers would like to invite all faculty and current graduate students to come and meet the new graduate students over a slice of pizza at 4:30 p.m.

Brown Bag Noon Hour Discussion

Dr. Steve Simmons, Liberal Education: A New Frontier for Agriculture, September 29 at 12:00 noon.

Attention Greenhouse Users

Next Friday morning, I will be walking through the greenhouses and issuing fines. If you would like to avoid being fined; the greenhouses should be swept, all broken pots should be discarded, all unused pots should be stored in the headhouse (the one exception is the clay pots in the small grains greenhouses), any garbage—cans, paper, etc. should be disposed of properly, any weeds growing in your pots or on your benches should be pulled and discarded in the composting piles at the ends of the greenhouses. This also applies to the NW Greenhouses.

EVERYONE NEEDS TO DO SOME CLEAN UP!!!
Pamela Altermatt

Seminar

Genetic and Molecular Analysis of the Regulatory Machinery of the Aspartate Family Genes by Dr. Valerie Frankard, University of Brussels. The seminar will be held on Wednesday, September 27 at 3:30 p.m. in 306 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

CIMMYT, Mexico
Postdoc in Physiology/Crop Management, Wheat Program. Ph.D. required. See Don Rasmusson.

UNIVERSITY OF IDAHO
Research Support Scientist I, Plant, Soil, & Entomological Sciences. M.S. in agronomy, horticulture or closely related field.
Closing date: October 4, 1995

WESTERN KENTUCKY UNIVERSITY
Comparative Animal Physiologist, Department of Biology. Ph.D. in physiology, postdoc experience preferred.

Closing date: January 2, 1996

MURRAY STATE UNIVERSITY

Assistant or Associate Professor, Department of Agriculture. Ph.D. in agronomy or horticulture. Ten-month, tenure-track appointment.

Closing date: November 15, 1995

UNIVERSITY OF NEBRASKA-LINCOLN

Cropping Systems Specialist, Assistant Professor, Department of Agronomy. Tenure-leading, 40% research and 60% extension.

Closing date: February 1, 1996

Soil Fertility/Sustainable Agriculture

Specialist, Assistant Professor, Department of Agronomy. Tenure-leading, 50% extension, 50% research.

Closing date: December 1, 1995

Research Technologists I, Department of

Agronomy. B.A. in agronomy, biology, chemistry, or related field.

Closing date: September 29, 1995

NORTH CAROLINA STATE UNIVERSITY

Professor and Head, Department of Soil Science. Ph.D. in soil science.

Closing date: July 1, 1996

NORTH DAKOTA STATE UNIVERSITY

Chair, Department of Plant Sciences.

Closing date: December 1, 1995

OREGON STATE UNIVERSITY

Faculty Research Assistant, North Willamette Research and Extension Center, Department of Horticulture. B.S. or M.S. in horticulture.

Closing date: October 20, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

September 29, 1995

MW
eAg 86a

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

TGIF will follow new student orientation on Friday, September 29 at 4:30 p.m. in 306 Borlaug Hall. Pizza and pop provided. Upcoming events: Celebration of Colors - come celebrate the colors by bringing something (food or beverage) that represents your heritage on Friday, October 13 at 4:30 p.m. in 306 Borlaug Hall following Grad Club meeting. Pop, plates, and utensils will be provided. R.S.V.P. to Diana Magarian - Box 39 or Eric Hoeft - Box 42. Everyone is welcome!

The Office of the Registrar - St. Paul will be closed all day Monday, October 2. They will be moving to 125 Coffey Hall during the asbestos removal of 130 Coffey Hall.

There are new options in health plans for University of Minnesota employees that will be made available during open enrollment which is scheduled for mid-October to November 15. If you have questions about the plans, the Benefits Department will be on campus Wednesday, October 4 from 12:00 noon to 1:00 p.m. in the Theatre of the St. Paul Student Center.

A sign up sheet is located in 411 Borlaug Hall to order your departmental t-shirts and sweatshirts. A sample of the shirts are on display in the main office. Please place your orders by October 13. Payment made on delivery.

Faculty, Staff, and Students:
College of Agricultural, Food, and Environmental Sciences FACULTY ASSEMBLY for Fall Quarter will be on Friday, October 6, 1995, 110 Green Hall, 1:00 - 3:00 p.m., St. Paul Campus. Come for refreshments from 12:45 - 1:00 p.m.

Third Annual Kuehnast Lecture in Climatology will be held on Thursday, October 12 at 3:30 p.m. in the Student Union Theatre, St. Paul Campus. The speaker will be Dr. Sherwood Idso "CO₂ and the Biosphere: The Incredible Legacy of the Industry Revolution."

Missing - A black plastic garbage bag containing 50 ml clear plastic tubes with red caps from freezer 7C in Crops Research. Tubes contain root chunks. If seen or inadvertently removed, please contact Jeanie Katovich (5-8702) or Roger Becker (5-5753). Thanks!

The Financial Aid service hours have been reduced to three days a week at the Office of Scholarships and Financial Aid, 197 Coffey Hall, St. Paul Campus. Hours are 12:30-3:00 p.m., Monday, Wednesday, Thursday. The Minneapolis office is open from 8:00 a.m. to 4:00 p.m. daily for general information.

A Note to Hayes Hall Residents

It has been obvious to all of us in the Department that "Operation Windows" has put a significant level of stress on those who reside in Hayes Hall. As anyone who has remodeled their home knows, the mess and inconvenience associated with such a project is always greater than anticipated. My intent, with this note, is simply to say (on behalf of those of us who are not located in Hayes) "courage!" We appreciate the humor, patience, and endurance that you have demonstrated over the summer. We're all pleased with the resulting facelift. We hope and trust that you will be clean and comfortable again soon.

Kent Crookston

Brown Bag Noon Hour Discussion

Dr. Robert Jones, Heat Tolerance During Reproductive Development in Cereals, Friday, October 6, 12:00 noon.

Greenhouse Users

ALL PROJECTS need to do your own watering Monday and Tuesday, October 2 and 3.

Greenhouse spraying has started. This weekend Enstar + Pentac will be sprayed in the teaching greenhouses, 370A4, 370C3 and NW.

Take note - sand, soil and plant materials should not get washed or swept under the benches. The rocks are there to keep the weeds down, which will hopefully help with insect control. These

materials should be swept up and disposed of out the end of the greenhouses. These materials are composted and reused by the grounds crew on campus. Please keep your stakes and pots out of this material. Thank you!!

Pamela Altermatt

Seminars

October 2 Ph.D. Thesis Defense, Mauro Teixeira, Development of Maize Kernels Exposed to Different Day/Night Temperature Regimes, 8:30 a.m., 306 Borlaug Hall.

Plant Breeding, Dave Somers, Application of Genetic Engineering to Oat Improvement, 3:30 p.m., 306 Borlaug Hall.

(Plant Breeding Discussion Group for Monday has been canceled.)

Position Announcements (Posted in notebook in 411 Borlaug Hall)

COMMUNITY ALLIANCE WITH FAMILY FARMERS
Membership Coordinator (Davis, CA). Full-time.

Closing date: October 10, 1995

UNIVERSITY OF MINNESOTA
Director of Distance Education, Continuing Education and Extension/University College. Ph.D. with at least three years experience.

Closing date: December 15, 1995

UNIVERSITY OF NEBRASKA
Weed Ecophysicologist/Assistant Professor, Department of Agronomy. Tenure-leading, 20% teaching and 80% research. Ph.D. in agronomy or weed science.

Closing date: March 1, 1996

USDA
Office Automation Assistant, Midwest Area, St. Paul Campus. Permanent Competitive Service Appointment (part-time, 20 hr/week). See Ginger Walker in 403 Hayes Hall.

National Agroforestry Center (Lincoln, NE),
International Agroforestry Coordinator,
(Assistant Professor).

UNIVERSITY OF WISCONSIN
Outreach Specialist, Center for Integrated Agricultural Systems. Ph.D. in a social science with an emphasis on agricultural technology.

Closing date: October 11, 1995

Agronomy Gleanings

MIW
8 Ag 86

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 6, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Hear ye, Hear ye! The 1995 WINE AND CHEESE SOCIAL date has been set! Mark your calendars: 2:30-5:00 p.m. on Monday, October 26 in 306 Borlaug Hall. This is a yearly event for introducing new graduate students, staff, and faculty. Price: \$2.00 at the door for all you can drink and eat. New members -- free to you! DEAL: if you buy a t-shirt or sweatshirt with the new departmental logo in the main office, you can get in for 1/2 PRICE. What a bargain! So buy your t-shirt now, and see you on the 26th.....

The Social Committee

Update on t-shirts and sweatshirts: We now have a maroon t-shirt and sweatshirt on display in the main office along with the other colors (white, natural, green, and gray). Please place your orders by October 13. Payment due on delivery.

Faculty, postdocs, and graduate students who attended the grad club social/new student orientation on September 29: Thank you for taking the time to come socialize and meet the new graduate students. We appreciate your participation and hope that you will continue to support future graduate club activities. Thank you once again.

Grad Club Officers
(Blair, Padma, Diana, Ana Maria)

Reminder: Celebration of Colors, Friday, October 13 at 4:30 p.m. in 306 Borlaug Hall. Please join the fun and bring a dish to pass that represents the color of your heritage. Everyone is invited (faculty, postdocs, staff, grad students, family and friends). Pop, plates, utensils, napkins will be provided by the Grad Club Social Committee.

The North Central Region Pesticide Impact Assessment Program is soliciting proposals designed to support continued registration of existing pesticides. The program areas of emphasis that are likely to be funded, and the guidelines for submission of proposals can be obtained from Jeanne. The deadline for submission of proposals is November 10, 1995.

The Minnesota Daily will provide a weekly calendar of events as a service to their readers. The calendar is intended to give students and staff a quick look at the campus events for that week through brief listings describing the time, date, place, cost (if any) and subject of the event. It will appear each Monday in a dedicated space. Events should be submitted the Friday before you want them to run. The Daily would like your participation through submissions of events in your area. You can send your information in the following ways: 2301 University Avenue, SE, Minneapolis, MN 55104 (c/o Daily Events Editor); email: ames@daily.umn.edu (subject line: Daily Events Editor); or fax 627-4159 (attention Daily Events Editor, Michele Ames).

The next meeting of the Sustainable Agriculture Study Group will coincide with the Graduate Minor in Sustainable Agriculture Systems Open House. The Open House will be held on Thursday, October 12 from 12:00-1:30 p.m. in 408 Hayes Hall. See you there!

For Sale

Grass-fed Jersey steer ready for the freezer.
See Hans Jung.

Brown Bag Noon Hour Discussion

Dr. Hans Jung, Cell Wall Composition and Degradability of Maize Internodes, Friday, October 13, 12:00 noon.

Weed Science Discussion Group

Dr. Nick Jordan, Weed Science and Sustainable Development?, Monday, October 9, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Greenhouse Users

The following houses will be sprayed with Duraguard + Azatin: Teaching 4 and 5, 370A4 and 370C3.

REMEMBER: THE GREENHOUSES ARE CLOSED ON SATURDAY!!!

Field Trip

MISA (Minnesota Institute for Sustainable Agriculture) and the Sustainable Agriculture Study Group are sponsoring a field trip on Saturday, October 21. We will be going to the Seed Savers Exchange (a non-profit organization dedicated to preserving plant varieties) and The Institute for Biodiversity (a similar organization working on animal breed preservation). Both organizations are near Decorah, Iowa. We would be leaving from Borlaug Hall at approximately 7:00 a.m. and would get back later in the evening - (details are to be worked out yet!) The cost will be minimal: each organization has requested approximately \$1.00 per person for the tours. If interested, sign up in the MISA office (413 Hayes Hall). We will contact you as to the details later. Questions? Call the MISA office at 625-8235. Liz Stahl

Garage Sale

St. Paul Student Center will be having a garage sale on Wednesday and Thursday, October 11 and 12 from 10:00 a.m. to 4:00 p.m. Office furniture, desks, tables, chairs, visual equipment, outdoor store equipment and store clothing will be for sale.

Seminars

October 9 Plant Breeding, Raymond Porter, Is It Tame Yet? Wild Rice Breeding in Minnesota, 3:30 p.m., 306 Borlaug Hall.

Plant Breeding Discussion
Group will meet on Monday,
October 9 at 2:00 p.m. in 306
Borlaug Hall with Dr. Raymond
Porter, Wild Rice Breeder,
Grand Rapids.

October 10 Plant Biological Sciences Colloquium,
Ian Sussex, Cell Differentiation in
Plants, 10:40-11:20 a.m., Earle Brown
Center.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF NEBRASKA-LINCOLN
Weed Ecophysiological, Department of Agronomy.
Tenure-leading, 20% teaching, 80% research.
Ph.D. in agronomy or weed science.

Closing date: March 1, 1996

UNIVERSITY OF SASKATCHEWAN
Postdoctoral position in a barley transformation
project, Crop Development Centre. Ph.D. in
agricultural or plant sciences.

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 13, 1995

MW
9-19-95

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Anyone who knows the whereabouts of the wheel rim for vehicle 2196 (Blue Caravan), call me as soon as possible at 4-5395.

Mike McClellan

The faculty meeting scheduled for Monday, October 16 has been canceled. The next faculty meeting will be on Monday, November 13 at 1:00 p.m.

Hear ye, Hear ye! The 1995 WINE AND CHEESE SOCIAL date has been set! Mark your calendars: 2:30-5:00 p.m. on **Thursday, October 26** in 306 Borlaug Hall. This is a yearly event for introducing new graduate students, staff, and faculty. Price: \$2.00 at the door for all you can drink and eat. New members – free to you! DEAL: if you buy a t-shirt or sweatshirt with the new departmental logo in the main office, you can get in for 1/2 PRICE. What a bargain! So buy your t-shirt now, and see you on the 26th.....

The Social Committee

Today is the last day to place your orders for the t-shirts and sweatshirts. Sign up sheets are in 411 Borlaug Hall. Payment is due on delivery.

Celebration of Colors is today at 4:30 p.m. in 306 Borlaug Hall. Please join the fun and bring a dish to pass that represents the color of your heritage. Pop, plates, utensils, and napkins will be provided by the Grad Club Social Committee.

The U-wide policy, Publishing Information on the World Wide Web, has been approved. For questions, see the policy at:
http://www.fpd.finop.umn.edu/2/sec9/pol291/publishing_on_www.html.

Open Enrollment for medical insurance, dental insurance, long-term and short-term disability is from October 16 to November 15. Packets should be sent to all faculty and staff by next week. The Employee Health and Benefits Fair will be on Tuesday, October 31 at the St. Paul Student Center, and Tuesday and Wednesday, November 1-2 at Coffman Union in Minneapolis.

Practice talks for the ASA meeting will begin on Tuesday, October 17 at 9:00 a.m. in 408 Hayes Hall, and continue on Thursday, October 19 at 10:00 a.m. in 408 Hayes Hall. Poster presentations will be on Thursday, October 19 in 306 Borlaug Hall from 2:00-4:00 p.m.

Career Day '95 will be held at the North Star Ballroom on Wednesday, October 25 from 10:00 a.m. to 3:00 p.m. Forty-five companies and businesses will be there to participate.

Friday's are Maroon and Gold Casual Days. Don't forget to wear the school colors.

Slidemaker

In preparation for the ASA meetings, there will be two short how-to workshops on using the new LFR Personal Slidemaker which is in A407.

For Macintosh users: Monday 10:00-10:15 a.m.
2:00-2:15 p.m.

For IBM users: Monday 10:15 -10:30 a.m.
2:15-2:30 p.m.

If you need assistance before then, or after, contact Jonathan Shaver at 5-5215 or by e-mail at shaver@biosci.cbs.umn.edu.

P.S. Recommended film is Ektachrome Color Slide Film, ASA 100. Jonathan

Greenhouse Users

Pam Altermatt will be gone on Friday, October 13.

Spraying will be done in 370C1 and C3, and Weeds 1 and 2 with Duraguard and Azatin.

Ladybugs were released on all small grains and corn.

Weed Science Discussion Group

Dr. Nick Jordan, Weed Science and Sustainable Development? - Round II, Monday, October 16, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Issues of Migrant and Seasonal Farm Workers

For the first time ever, the University of Minnesota is sponsoring a conference on the issues facing migrant and seasonal agricultural workers in the U.S. and abroad. This one-and-a-half-day conference will focus on the following areas of utmost importance to the migrant community: Farm Labor Organizing; Education of Children and Youth; Adult Education; Housing; Health; Public Policy and Legislation; and Art. Conference speakers will include representatives from local and national organizations that focus their attention on the migrant community, as well as those individuals who can speak from experience about life as a migrant or seasonal worker. The conference will be held on Tuesday, October 24 from 12:30-8:00 p.m., and Wednesday, October 25 from 8:00 a.m. to 4:30 p.m. at Cowles Auditorium, Humphrey Institute, Minneapolis Campus. The conference is free, but there will be a charge for meals at the event. You may attend the keynote speech without attending dinner. For more information or to register by phone, please call 612-625-2031. A pamphlet will be available on the bulletin board outside 411 Borlaug Hall.

Brown Bag Noon Hour Discussion
Dr. Dave Somers, Some Ideas on Compositional and Modification of Soybeans, Friday, October 20, 12:00 noon, 408 Hayes Hall.

Field Trip

MISA (Minnesota Institute for Sustainable Agriculture) and the Sustainable Agriculture Study Group are sponsoring a field trip on Saturday, October 21. We will be going to the Seed Savers Exchange (a non-profit organization dedicated to preserving plant varieties) and The Institute for Biodiversity (a similar organization working on animal breed preservation). Both organizations are near Decorah, Iowa. We would be leaving from Borlaug Hall at approximately 7:00 a.m. and would get back later in the evening - (details are to be worked out yet!) The cost will be minimal: each organization has requested approximately \$1.00 per person for the tours. If interested, sign up in the MISA office (413 Hayes Hall). We will contact you as to the details later. Questions? Call the MISA office at 625-8235. Liz Stahl

Seminars

October 16 Plant Breeding, C. Geyer, Covariance Components Analysis and Genetics on Complex Pedigrees, 3:30 p.m., 306 Borlaug Hall.

Plant Breeding Discussion Group will meet on Monday, October 16 at 4:30 p.m. in 302 Borlaug Hall with Dr. C. Geyer, School of Statistics, University of Minnesota.

Plant Molecular Genetics Qiang Chen, Characterization of Glutamine Synthetase Genes in *Chlamydomonas*, 12:00 noon, 239 Gortner Labs. Light lunch will be served.

October 17 Plant Biological Sciences Colloquium, Jerry Kermicle, Epigenetic silencing of a maize gene: a Mendelian assumption found wanting, 3:30 p.m., 335 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF MINNESOTA
Research Associate, Department of Biochemistry, (100% annual renewable) position in Biophysics/Biochemistry. Ph.D. in chemistry or biochemistry is required and two years of postdoctoral research experience.
Closing date: October 20, 1995

Research Fellow, Agronomy Department, West Central Experiment Station, Morris. M.S. in an agronomy related discipline with experience in field plot research. Non-tenure track academic position.
Closing date: November 1, 1995

UNIVERSITY OF NEBRASKA-LINCOLN
Research Technologist I, Department of Agronomy. M.S. or B.S. in agronomy.
Closing date: November 3, 1995

NORTH CAROLINA STATE UNIVERSITY
Two Ph.D. Fellowships in agricultural water science, Biology & Agricultural Engineering and Soil Science Departments. Must be U.S. Citizens and completed a M.S. in agronomy, soil science or related field.

Assistant Professor, Department of Crop Science. Tenure track, 100% research.
Closing date: December 29, 1995

NORTH DAKOTA STATE UNIVERSITY
Area Extension Specialist/Cropping Systems. Ph.D. or M.S. in agronomy or crop production.
Closing date: December 22, 1995

UNIVERSITY OF TENNESSEE
Professor and Head, Ornamental Horticulture and Landscape Design Department.
Closing date: January 10, 1996

WASHINGTON STATE UNIVERSITY
Associate or Full Professor, Institute of Biological Chemistry. Full-time, academic year (nine-month) faculty position.
Closing date: December 31, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 20, 1995

MW
8/26/95

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

A brief faculty meeting will be held on Wednesday, October 25 from 9:00-10:00 a.m. in 306 Borlaug Hall.

Final notice! The 1995 WINE AND CHEESE SOCIAL will commence this coming Thursday, October 26, at 2:30-5:00 p.m. in 306 Borlaug Hall. Please join us for this yearly get-together introducing new graduate students, staff, and faculty. PRICE: Established members-\$2.00 CHEAP!!! New members get in FREE--bargain!!! And if you bought a new departmental shirt you can get in for 1/2 PRICE--bonus!!!

The Social Committee

Total combination of t-shirt and sweatshirt sale was 217 orders. Thank you to everyone who place an ordered for the new departmental shirts. The t-shirts and sweatshirts should be here the first week of November.

The Employee Health and Benefits Fair will be on Tuesday, October 31 from 10:00 a.m. to 3:00 p.m. in the North Star Ballroom at the St. Paul Student Center.

Following 31 years of service, William "Bill" Breene, Professor Emeritus of Food Science and Nutrition, will be honored on Saturday, November 18 in the Terrace Room, St. Paul Student Center. Light refreshments will be served at 7:30 p.m. and a program will begin at 8:00 p.m. Please RSVP by 4:30 p.m., Friday, November 3 to Gary Reineccius, 225 Food Science, with your name, guest's name and \$10.00 per person (checks payable to Gary Reineccius). You are invited to contribute to a collection of letters, poetry and prose which will be presented to Bill at the program. For additional information, contact Gary at 4-3201 or Geri at 4-4789.

An undergraduate student in our department is looking for a ride to the ASA meetings on Monday, October 30. If you are driving and can give her a ride, please call Nicky at 645-1716.

Judges are urgently needed for the student speech contest at the ASA meetings. Preliminary contest is at 3:30 p.m. on Monday, October 30, and the Final Speeches at 7:00 p.m. on Monday.

Approximately two hours are needed to judge a contest. If you can serve as a judge for one, or both of these contests, please let me know by Monday, October 23. Larry Smith, 5-2778

Soil Management Collaborative Research Support Program (SM-CRSP) is soliciting preproposals for a five-year grant period beginning in 1996. Participation is open to all qualified institutions. Interested parties must submit a preproposal by November 17, 1995. Those whose preproposals are selected will be invited to submit full proposals. See Jeanne for details.

College of Agricultural, Food, and Environmental Sciences, 1995 Faculty Conference will be held at the Radisson Metrodome on Tuesday, December 12 from 8:15 a.m. to 5:00 p.m. A reception will follow from 5:00-6:00 p.m. Mark your calendars. Registration details will be mailed in November.

DO NOT EVER PUT LAB SAMPLES IN THE REFRIGERATORS IN 302 BORLAUG HALL, OR ANY OTHER REFRIGERATORS IN THE BUILDINGS WHERE THERE IS FOOD AND BEVERAGES. THANK YOU!

A green nylon jacket in a black pouch was found. Please see Jean Swanson in 411 Borlaug Hall if this is yours.

Teaching Assistantship Opportunity - For Winter Quarter 1996

A teaching assistantship is available for Science in Agriculture 1500 "Biotechnology, Society and the Environment." The course is offered MWF just before lunch in 110 Green Hall. Contact Dave Somers at 5-5769 or Nevin Young at 5-2225 for more information.

Weed Science Discussion Group

Dr. Nick Jordan, Weed Science and Sustainable Development? - "Round III, the final one" on his/our discussion on the role of weed science in sustainable development, Monday, October 23, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Brown Bag Noon Hour Discussion

Dr. Kent Crookston, SKUNK WORKS update and outlook, Friday, October 27, 12:00 noon, 306 Borlaug Hall.

Field Trip UPDATE

For those of you who signed up for the field trip sponsored by MISA and the Sustainable Agriculture Study Group, we will be leaving from the front steps of Borlaug at 7:00 a.m. on Saturday morning, October 21. Be sure to bring at least \$2.00 to cover tour costs at both locations. Lunch will be provided. We should get back around 8:00 p.m. See you then! Liz Stahl

Graduate Students, Postdocs, and Faculty

If you have "borrowed" a bound thesis from the departmental library, please return it immediately. Other people, besides you, need to use those books. The least you could do is to sign the card in the back of the book and leave it in the wooden box so other people know who has borrowed the book in case they need it. Graduate students please take a minute to look around your offices for books and thesis that have been left there on the bookshelves by previous office occupants and return those volumes to the library. Be a responsible agronomy citizen. Thank you.

Chemical Prime Vendor Ice Cream Social

You are invited to an Ice Cream Social on October 27, from 10:00 to 2:00 p.m. in the Ecology Building foyer hosted by Lab Services and University Stores. You will be able to meet your Chemical Prime Vendors and chemical manufacturers that are part of this newly implemented contract. This is part of a two-day kick-off celebration on the Twin City Campus.

Through this Chemical Prime Contract, you will have access to >100,000 chemicals from 30+ manufacturers. The two distributors who have been awarded the contract are: Fisher Scientific and VWR Scientific Products (formerly Baxter Scientific Products). Aggressive discounting is in place with this contract, plus shipping fees waived and minimal hazardous charges. Anticipated savings is from 15-20% of total acquisition cost. All 100,000 chemicals will be available as a non-stock contract through the University Stores On-line Ordering System.

Detailed information of the contract will be available at the event. So we encourage you to attend or send someone from your area. If you have any questions, don't hesitate to contact Dee McManus at d-mcma@maroon.tc.umn.edu.

Seminars

October 23 Plant Breeding, Rockney Atz, Assessing Risk of Transgenic Crops, 3:30 p.m., 306 Borlaug Hall.

October 24 Plant Biological Sciences Colloquium, James Anderson, Characterization and Expression of Multifunctional and Multi-subunit for of acetyl coA Carboxylase in Soybean, 3:30 p.m., 335 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)
GETTYSBURG COLLEGE
Assistant Professor, Environmental Studies.
Tenure-track.
Closing date: December 8, 1995

IOWA STATE UNIVERSITY
Assistant or Associate Professor in Crop Production and Physiology, Department of Agronomy. Tenure-track, 75% extension and 25% research.
Closing date: December 29, 1995

UNIVERSITY OF NEBRASKA-LINCOLN
Weed Ecophysicologist, Department of Agronomy. Tenure-leading, 20% teaching and 80% research.
Closing date: March 1, 1996

Cropping Systems Specialist, Department of Agronomy. Tenure-leading, 40% research and 60% extension.
Closing date: February 1, 1996

THE ROCKEFELLER FOUNDATION
Postdoctoral agronomists in Malawi and Mexico.
Closing date: November 15, 1995

SUSQUEHANNA UNIVERSITY
Biochemist, Department of Chemistry. Tenure-track.
Closing date: December 15, 1995

UNIVERSITY OF WISCONSIN
Outreach Specialist, Outdoor Training Facility, Department of Entomology. B.S. required in the agricultural plant sciences area.
Closing date: November 15, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
October 27, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Stella Marian Melbostad

June 29, 1904–October 23, 1995

Stella was a secretary in our Department for more than 48 years. She started in 1923, and retired in 1972.

Stella was a secretary when carbon paper, mechanical typewriters and the "inky" stencils were the vogue. It was common to see her copying a document with eight to ten sheets of carbon paper in the typewriter to give the necessary copies.

I remember a prominent faculty member saying Stella could take dictation better than any secretary he had ever worked with.

To my knowledge Stella had only one position, and that was in the Division of Agronomy and Farm Management and later in the Department of Agronomy and Plant Genetics.

Two University of Minnesota people attended her services. The other 10-12 were family, and she had only in-laws and a nephew left to mourn her passing.

The minister stated that Stella was a faithful and dedicated member in the Jehovah Lutheran Church, 1566 Thomas Avenue, St. Paul.

Laddie J. Elling

Announcements

Congratulations to Karen and Rick Wasiluk on their new baby girl born on Thursday, October 19. Anne Rebecca weighed 8 lbs., 2 oz. and is 20 1/4" long. She joins big brother John.

The Employee Health and Benefits Fair will be held on Tuesday, October 31 from 10:00 a.m. to 3:00 p.m. in the North Star Ballroom at the St. Paul Student Center. Presentations will be held on saving and investing for retirement, lifetime fitness, therapeutic gardening, cooking, pet connection and health screenings.

Persons housed in Hayes Hall will recognize this announcement, but others may not have noticed:

Monday afternoon, October 23, the architect, two representatives of the University Facilities Management, a representative of Marvin Window Co., and a recorder for the contractor checked each window recently installed in Hayes Hall.

There are a few minor deficiencies which will be corrected, but we can assume the installation is completed.

The windows add a great deal to the serviceability of Hayes Hall. Several housed in Hayes Hall have expressed their appreciation for the windows. Should others wish to do so, you can write: Mr. William S. Marvin, Marvin Windows, Warroad, MN 56763.

Laddie Elling

Attention Bi-weekly Civil Service Employees, Student Workers and their Supervisors... Old time sheets need to be turned in to 408 Borlaug Hall as soon as possible. **DO NOT HOLD ONTO OLD TIME SHEETS. TO DO SO WILL DELAY PAYMENT TO YOU.** You should never have more than the current time sheet in your hand. Turn old time sheets in ASAP!

Marilyn Hole

Franklin Planner Refills are no longer being purchased by the department. You may, however, purchase the refill from any of the retail stores in the Twin Cities and request reimbursement from your project leader. Reimbursement forms are available in 408 Borlaug Hall. Complete the form, include the CUF's number and attach your original receipt to show payment. A check will be mailed to your home address within ten business days.

Every Friday during the academic year is Maroon and Gold casual day. Wear your Minnesota t-shirts, sweatshirts, ties, and sweaters. Maroon and gold shows your pride and spirit in the University. Lee Hardman was the best dressed for this Friday.

MW
9/26/95

Daylight Savings Ends on Sunday, October 29, set your clocks back one hour.

The Cooperative State Research, Education, and Extension Service (CSREES) is pleased to announce guidelines for the FY 1996 Higher Education Challenge Grants Program. Deadline for applications is December 20, 1995. See Jeanne for details.

Mary Lambert is interested in obtaining copies of the October 1995 issue of Agronomy News. If you have a copy to give to Mary, please leave it in my mailbox.

Teresa Schoeder

UMITV will be conducting workshops for faculty or staff interested in using interactive television to conduct meetings, or to teach and deliver courses.

Workshops for Staff will be conducted on:

November 7 in Duluth, Morris and Minneapolis Campuses (2:00-4:00 p.m.);
November 8 in Crookston, St. Paul, Minneapolis, and Rochester (9:00-11:00 a.m.).

Workshops for Faculty will be conducted on:

November 10 in Crookston, Duluth, St. Paul, and Minneapolis (9:00-11:00 a.m.);
November 10 in Rochester, Morris, and Minneapolis (2:00-4:00 p.m.).

Location for St. Paul: Central Library 4

Register by October 31, if possible.
Contact Lyn Weiler (612) 625-4315 or
lweiler@mail.cee.umn.edu to register.

Greenhouse Users

I have brought this subject up many times—ONLY plant materials and soil should be disposed of outside the greenhouses. Pots, stakes, bags, etc. should be disposed of in the regular trash. Grounds has refused to spend anymore time sorting through the material and will not pick it up if it has too much "extra stuff" in it. This material is composted and recycled on campus.

The following houses will be sprayed with Duraguard + Azatin: Weeds 1/2, 370C1/2/3 & 370A2.

Pamela Altermatt

Weed Science Discussion Group

Todd Pester, Update on Competitive Soybean and Pseudomonas Research, Monday, October 30, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Seminars

October 30 Plant Molecular Genetics, Janet Schottel, Biological Control of Potato Scab, 12:00 noon, 239 Gortner Labs.

October 31 Plant Biological Sciences Colloquium, Randall Giroux, Characterization of Embryogenesis-Related Gene Product in Alfalfa, Tuesday, October 31 at 3:30 p.m.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

CARTHAGE COLLEGE

Assistant Professor of Genetics, Biology Department. Located on the shore of Lake Michigan.

Closing date: November 15, 1995

FORT HAYS STATE UNIVERSITY

Chair, Department of Agriculture.

Closing date: January 15, 1996

HAMLIN UNIVERSITY

Teach undergraduate course in genetics for biology majors.

Closing date: November 15, 1995

MICHIGAN STATE UNIVERSITY

Assistant Professor in Applied Statistics, Department of Crop and Soil Sciences. Tenure-track position on a 12-month basis, teaching (60%) and research (40%).

Closing date: November 30, 1995

UNIVERSITY OF MINNESOTA

Acting District Director, Southwest Experiment Station, Lamberton. Temporary appointment begins January 1996.

Closing date: November 6, 1995

Children, Youth and Families Initiative Program Leader, Minnesota Extension Service. M.S. in child development. Temporary, full-time, annually renewable position ending June 30, 1997.

Closing date: November 3, 1995

USDA

Research Geneticist, Wheat Genetics, Quality, Physiology and Disease Research Unit, Pullman, WA. B.A. in genetics.

Closing date: January 8, 1996

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 3, 1995

MIV
Ag86a

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

President Nils Hasselmo's State of the University Address will be held on Thursday, November 16 at 3:00 p.m. in Proscenium Theater, Rarig Center, 330 21st Avenue South, Minneapolis. Question and answer period will follow the speech.

The Minnesota Soybean Research and Promotion Council has sent information regarding the FY '96 Sponsored Research Program. The deadline for receipt of applications is December 1, 1995. See Jeanne for information and application forms.

Reminder - The next planning meeting for Agro 5330 (Plant Biotechniques) will be Monday, November 6 at 1:00 p.m. in 306 Borlaug Hall. All instructors please attend, so we can discuss the course outline and scheduling. Thanks.

Peggy Egli

The Ski Swap will be held at the St. Paul Student Center on November 9-11. Bring in your new and used gear to sell on November 7-8 from 9:00 a.m. to 8:00 p.m.

Anyone interested in ear corn for wildlife or other uses, can go in and pick all they want in the field north of the Horticulture greenhouses along Gortner.

Greenhouse Users

Spidermite predators were released on Thursday in the teaching greenhouses, 415A7 and NW house 4. The small grains greenhouses will be spot sprayed with Orthene over the weekend. Ladybugs will be released on Sunday in all the small grains and corn greenhouses.

Everyone needs to do their own watering on Monday, November 6.

Fines have been issued for 370C1/3 and 370A4.
Pamela Altermatt

Vehicle Storage

Any project that wants to store their vehicles in the Fairgrounds, contact Mike at 4-5395.

Weed Science Discussion Group

Liz Stahl, Weed Genetics and Evolution in Relation to Weed Management Practices, Monday, November 6, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Brown Bag Noon Hour Discussion

Dr. Maria Gallo-Meagher, *Fusarium* Head Blight in Small Grains, Friday, November 10, 306 Borlaug Hall.

Fumigation

Building 388, Crop Service, will be fumigated again this year. Plunketts will start to prepare the building on Wednesday, November 22, starting at 8:00 a.m. At 12:00 noon the building will be locked and accessed only by Plunketts personnel until Monday, November 27 at 7:00 a.m. Nobody else will be permitted to enter.

All electronic equipment needs to be removed from the building before fumigation. This includes computers, electronic balances and other similar types of equipment.

On Monday, November 20 and Tuesday, November 21, projects can bring seed samples into the threshing room that need to be fumigated for storing or shipping. There will be an area set aside for this. These samples need to be removed ASAP back to their projects labs and storage areas on Monday, November 27.

For more information, call Mike at 4-5395.

Safety Seminar

A safety seminar will be held on Tuesday, November 28, 10:00 a.m. to 12:00 noon in 335 Borlaug Hall.

Mike Austen from Environmental Health will present a seminar on "Personal Protective Equipment." He will also have samples of safety apparatus such as respirators, gloves, masks, and suits that people can look at and try on.

For further information, call Mike at 4-5395.

Auction

The University of Minnesota Fleet Services will have its annual vehicle auction for the public on Saturday, November 18 at 11:00 a.m. at the Minneapolis Shops.

Seminars

November 6 Plant Breeding and Genetics, Shelly Whelan, Bioengineering of Plant Disease Resistance, 3:30 p.m., 306 Borlaug Hall.

November 7 Plant Biological Sciences Colloquium, Diane Knight, Nitrogen Source Affects Carbon Isotope Composition of Legumes, 3:30 p.m., 335 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

Farrowing Barn Assistant Manager and Miscellaneous Farm Work in Alpha, MN. Salary negotiable, start date open. Contact Sharon Benda at 507-847-4729.

UNIVERSITY OF ARKANSAS
Research Specialist in Cotton Germplasm Enhancement, College of Agricultural, Food and Life Sciences. B.S. in a biological science and a strong interest in plant science.

Closing date: December 20, 1995

AUBURN UNIVERSITY
Assistant Professor-Pedology Soil Mineralogy, Department of Agronomy and Soils. Tenure-track, twelve-month position.

Closing date: February 1, 1996

UNIVERSITY OF MISSOURI
Extension Associate/Community Development Facilitator, Outreach and Extension. Temporary December 1, 1995-July 31, 1999.

Closing date: November 28, 1995

UNIVERSITY OF NEBRASKA-LINCOLN
Research Associate, Department of Agronomy. Nontenure, two year position.

Closing date: November 22, 1995

NORTH CAROLINA STATE UNIVERSITY
Assistant Professor, Department of Soil Science. Tenure-track, 100% extension. Ph.D. in soil science.

Closing date: December 31, 1995

Graduate Student Assistantship, Department of Plant Pathology. M.S. degree in plant pathology, soil science or related field.

Starting date: January 1, 1996

OREGON STATE UNIVERSITY
Faculty Research Assistant, Department of Crop and Soil Science. B.S or M.S. in agronomy.

Closing date: November 10, 1995

WASHINGTON STATE UNIVERSITY
Integrated Weed Management Extension Specialist, Department of Crop and Soil Sciences. Ph.D. in weed science, 75% extension, 25% research, tenure-track, 12-month.

Closing date: January 15, 1996

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 10, 1995

MIW
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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Perry Becklin's father passed away on Tuesday, November 7. He was 99 years old. The funeral will be held in Cambridge, MN.

Announcements

There will be a faculty meeting on Monday, November 13 at 1:00 p.m. in 306 Borlaug Hall.

If you want to order another t-shirt or sweatshirt with the department logo on it, please see Lynne Medgaarden in 302 Borlaug Hall by November 17. Your shirt orders can be pick up anytime in 302 Borlaug Hall from the first order.

Student-Staff Directory deliveries will be delivered next week. Please recycle your old directories.

The annual Grad Club fund-raising event is upon us. Please join your fellow departmental colleagues in celebrating the end of another harvest season and support the Grad Club at the same time. On Wednesday, November 15 from 11:45 a.m. to 1:00 p.m. we will be serving a sloppy joe lunch for only \$2.00 and drawing for the prizes in the turkey raffle around 12:40 p.m. You don't need to be there to win any of our great prizes - two turkeys and a number of neat project oriented surprises, but you do need to have purchased some of our \$1.00 raffle tickets. So, search out the nearest grad student and buy all the tickets you can. We hope you can join us Wednesday for the festivities.

U cards may be obtain from the U Recreation Center weekdays from 11:15 a.m. to 2:15 p.m. and 4:00-7:00 p.m.; Saturdays from 10:00 a.m. to 2:00 p.m. Also, on Tuesday and Wednesday from 7:00-9:00 a.m. U cards are available also at Coffman Union from 8:30 a.m. to 4:00 p.m. You need to bring a photo ID.

Weed Science Discussion Group

Jean-Luc Jannink, Trade-offs in Breeding Competitive Soybeans, Monday, November 13, 11:45 a.m. to 12:45 p.m., 408 Hayes Hall. Everyone is welcome.

Special Event

Combined Outstanding Achievement Award and H.K. Hayes Memorial Lecture and Graduate Student Award

On November 29 (Wednesday), President Hasselmo will present the University of Minnesota Outstanding Alumni Award to Dr. Owen Newlin, a graduate of our department and former Senior Vice President of Pioneer Hi-Bred International. The presentation will be combined with the H.K. Hayes Memorial Lecture given by Dr. Newlin. The event will commence at 1:15 p.m. in 306 Borlaug Hall, by the presentation of the H.K. Hayes Graduate Student Award. The Outstanding Achievement Award will be presented at 2:00 p.m. in 335 Borlaug Hall and followed by the lecture at 2:15 p.m. A reception for both award recipients will be held in 306 Borlaug Hall from 3:30 to 4:30 p.m.

A discussion with Dr. Newlin will be announced soon. Graduate and undergraduate students are invited to attend.

Blair Waldron was chosen as this year's recipient of the H.K. Hayes Graduate Student Award for outstanding scholarship, research competency, and leadership. He is a plant breeding major under the advisorship of Dr. Nancy Ehlke. Congratulations, Blair!

Brown Bag Noon Hour Discussion

Dr. Roger Becker, Integrating Weed Management and Environmental Concerns, Friday, November 17, 306 Borlaug Hall.

Safety Seminar

A safety seminar will be held on Tuesday, November 28, 10:00 a.m. to 12:00 noon in 335 Borlaug Hall.

Mike Austen from Environmental Health will present a seminar on "Personal Protective Equipment." He will also have samples of safety apparatus such as respirators, gloves, masks, and suits that people can look at and try on. For further information, call Mike at 4-5395.

Fumigation

Building 388, Crop Service, will be fumigated again this year. Plunketts will start to prepare the building on Wednesday, November 22, starting at 8:00 a.m. At 12:00 noon the building will be locked and accessed only by Plunketts personnel until Monday, November 27 at 7:00 a.m. Nobody else will be permitted to enter.

All electronic equipment needs to be removed from the building before fumigation. This includes computers, electronic balances and other similar types of equipment.

On Monday, November 20 and Tuesday, November 21, projects can bring seed samples into the threshing room that need to be fumigated for storing or shipping. There will be an area set aside for this. These samples need to be removed ASAP back to their projects labs and storage areas on Monday, November 27.

For more information, call Mike at 4-5395.

Seminars

November 13 Plant Breeding and Genetics
Jeff McElroy, Limitations of QTL Experiments as Revealed by QTL Simulation, 3:30 p.m., 306 Borlaug Hall.

Plant Molecular Genetics
Rich Melvin, Investigating the Role of Early Inframe Stop Codons in the Translational Regulation of Zein Genes in Maize, 12:00 noon, 239 Gortner Labs.

November 14 Plant Biological Sciences Colloquium, Alan Myers, Genetic Analysis of Morphological Differentiation in *S. Cerevisiae*, 3:30 p.m., 335 Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF ARKANSAS
Research Specialist in wheat breeding, College of Agricultural, Food and Life Sciences. B.S. or M.S. in agronomy or related field.

Closing date: Until a suitable applicant is identified.

UNIVERSITY OF CALIFORNIA
Assistant Professor and Plant Biochemist,
Department of Vegetable Crops. Tenure-track,
11-month position.

Closing date: February 1, 1996

Farm Advisor - Pomology, Division of Agriculture
and Natural Resources. M.S. in horticulture.

Closing date: January 27, 1996

UNIVERSITY OF MINNESOTA
Postdoctoral Associate(s), Department of
Veterinary Pathobiology.

Closing date: December 1, 1995

NORTH CAROLINA STATE UNIVERSITY
Assistant Professor, Department of Crop Science.
Tenure-track, 80% extension, 20% research.

Closing date: January 15, 1996

SOUTHERN ILLINOIS UNIVERSITY
Assistant Professor, Department of Plant Biology.
Tenure-track

Closing date: January 15, 1995

STETSON UNIVERSITY
Assistant Professor of Biology, Biology
Department. Tenure-track.

Closing date: November 24, 1995

Data
by Robert Theobald

How many angels can dance on the head of a pin?
This was the medieval search for data.
It seems ridiculous today.

How our grandchildren will laugh
At our obsessive search
To know the economic growth rate,
The unemployment rate,
The percent in poverty.

They will recognize
That these measures
Come out of our drive
For material gain,
Just as the concentration on angels
Testified to the spiritual emphasis
Of the past.

Where will we look in the future?
I hope we shall examine the quality of life,
The degree to which we reach the common good,
Our caring for the unfortunate,
Our commitment to let everybody
become themselves.

We shall learn to examine our lives,
To do what we do best,
To live unafraid,
Expressing the best of who we can be.

Facts.

"It's a fact."

When you hear this,
Hang onto your "mental wallet."
Somebody is going to try to convince you
Of his point of view.

Facts
Are fabricated
From our personal images
And beliefs.

Isn't it extraordinary
How everybody
Has the facts to support their case?

Isn't it odd that one can support
Totally different
Directions
Using "facts."

Trust the person
Who uses images
And anecdotes,
And knows that
There are no "facts."

Information.

Information
Is the bludgeon
Of the Expert.

"I know,"
He says,
And leaves
The citizen
Gasping,

Striving for language
Which will convey
Their tentative striving
Toward clarity
Of desires
And hopes.

Meaning is not found
In information.
We find it in personal interconnections,
In the unexpected connections
That emerge from silence.

Knowledge.

Knowledge is tentative.
It relates to the situation.
It is always changing.

Knowledge cares.
It is never cold,
Never cut-and-dried.

Knowledge grows.
It is a shape-changer,
Sometimes challenging,
Sometimes threatening,
Sometimes glorious,
Always exciting.

Wisdom

Is.

MIW
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
November 22, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Congratulations

Dr. Don Barnes has been elected to receive the University of Minnesota Outstanding Achievement Award, the highest award given by the University. Dr. Barnes was born in Minneapolis, graduated from high school in Minnetonka, registered at the University in 1953, and worked on the Alfalfa Breeding project for five years, earning both the B.S. and M.S. degrees from this institution. He received the Ph.D. Degree at Penn State University.

Don worked in Puerto Rico for a few years, returned to Beltsville and moved to Minnesota in 1969.

For 26 years Don was the project leader on the Alfalfa Project. His appointment was with ARS-USDA, but he contributed much time and effort to undergraduate as well as graduate student training.

Don has received many awards and recognitions for this outstanding research on alfalfa.
Laddie Elling

Announcements

Please welcome Virginia Roeder to the USDA office staff. Virginia will be working half-time.

The University of Minnesota will be closed November 23 and 24 for the Thanksgiving Holiday.

A farewell coffee will be held for Kim Genrich on Wednesday, November 29 at 9:30 a.m. in 306 Borlaug Hall.

The Grad Club is collecting Toys for Tots. A box is located in 411 Borlaug Hall for you to bring in your unwrapped toys.

Attention Graduate Students: As of December 1, 1995, the Graduate School will charge a \$40 fee for Change of Status/Readmission applications. Previously there was no fee for this application. The fee will cover the cost of processing an application. The Change of Status/Readmission fee will be valid for one year and one quarter if the student wishes to delay starting. Forms are available in 313 Johnston Hall.

Student-Staff Directories will be collected for Recycling when the Minneapolis White and Yellow Pages are delivered in late January. Please hold on to them until then.

Thank you to everyone who helped make the Annual Sloppy Joe/Turkey Raffle a success again this year. Thanks to everyone for helping in promotion and set up, as well as to the projects which donated door prizes: Dr. Crookston, Dr. Burnside, Dr. Jordan, Dr. Orf, Dr. Rines, and Dr. Rasmusson.

Congratulations to the following people who were winners at the Turkey Raffle:

Dave Somers - Kidney beans and student mix
Ignacio Vilaro - Oatmeal cookies and candy
Yanping Zhu - Kidney beans and candy
Holly Tillis-Byland - Soy milk and vegetable oil

Shahryar Kianian - Cake
Bob Peterson - Salad dressing, soup and dried cranberries

Sue Miller - Turkey
Jose Dominguez - Turkey

SPECIAL EVENT

On November 29 (Wednesday), President Hasselmo will present the University of Minnesota Outstanding Alumni Award to Dr. Owen Newlin, a graduate of our department and former Senior Vice President of Pioneer Hi-Bred International. The presentation will be combined with the H.K. Hayes Memorial Lecture given by Dr. Newlin. The event will commence at 1:15 p.m. in 306 Borlaug Hall, by the presentation of the H.K. Hayes Graduate Student Award. The Outstanding Achievement Award will be presented at 2:00 p.m. in 335 Borlaug Hall and followed by the lecture at 2:15 p.m. A reception for both award recipients will be held in 306 Borlaug Hall from 3:30 to 4:30 p.m.

A discussion with Dr. Newlin will be announced soon. Graduate and undergraduate students are invited to attend.

Potluck Holiday Party

This year's Holiday Party will be a potluck from 12:00 noon to 2:00 p.m. on December 15. Stay tuned for details. Social Committee

Cookie Party

The Office Staff will hold their annual cookie party on December 19. Everyone is invited to come and share some of the homemade treats made by the office personnel.

Practice for NCWSS Meetings

Practice session for the North Central Weed Science Society Meetings will be held Monday, November 27 in 408 Hayes Hall. Posters will be on display from 10:00-11:00 a.m., and then presentations will be made from 11:00 a.m. to 1:00 p.m. For more information, schedules are posted on the bulletin boards. Everyone is welcome.

Safety Committee

Members of the Safety Committee, Mike McClellan, Pam Altermatt, Suzanne Livingston and Jeanne Davy, will be conducting a safety audit of all Department of Agronomy and Plant Genetics Buildings (Crops Research, Crops Service, Greenhouses, Headhouses, Seedhouse, Hayes Hall and Borlaug Hall) during the week of November 27. This audit is part of a University-wide audit to try to improve campus safety. The Safety Committee is asking for your help with this audit. The instructions ask us to identify the following:

Areas where lighting is poor (Dark);

Areas that are away from activity and have no neighbors to help keep watch over the area (Isolated);

Confined areas where a person could be restrained (Entrapment);

Areas where an assailant could hide (Hiding Place);

Areas where there are people who seem out of place, areas where people who frighten you hang out (Threatening Users);

Areas that do not seem to be occupied and/or cared for (Abandoned);

Areas which lack a sense of orientation; places that give the feeling of "Where am I? How do I get out of here" (Confusing).

We have been asked to survey the inside of the buildings as well as their exterior.

Please let committee members know your concerns about your work area in reference to the above. We appreciate your assistance.

Notice to Faculty

The quota for the Single Quarter Leaves for the College of Agricultural, Food, and Environmental Sciences is ten for 96-97. The deadline for applications is February 19, 1996. Notification of the awarding of SQLs will be made by mid-March. Please see Jeanne for applications.

Responding to Calls for ERS Data

The Economic Research Service has established a new ERS Information Center to assist customers in obtaining ERS products and services – including answering those routine types of questions such as how many acres are planted to corn in the U.S., or how much butter and milk is produced by dairy cows. This new center will be staffed from 8:00 a.m. to 5:00 p.m. (Eastern Time), Monday through Friday. The telephone number is 202-219-0515, or email questions to: service@econ.ag.gov.

Safety Meeting

Michael Austin, Department of Environmental Health and Safety will discuss the proper use of personal protective equipment in the laboratory, greenhouse, and field plots. He will also have sample respirators, gloves, masks, and suits available to look at and try on. The meeting will be held on Tuesday, November 28 from 10:00 a.m. to 12:00 noon in 335 Borlaug Hall. Those who attend will meet the requirements for MERKTA. Forms will be available at the meeting.

Fumigation

Building 388, Crop Service, will be fumigated again this year. Plunketts will start to prepare the building today. At 12:00 noon the building will be locked and accessed only by Plunketts personnel until Monday, November 27 at 7:00 a.m. Nobody else will be permitted to enter.

Pre-Fieldwork Workshop and Research Grants for U of MN Doctoral Students

The MacArthur Program is offering four to six \$5,000 field research grants to qualified graduate students in COAFES, Biological Sciences, Liberal Arts and Natural Resources who have primary interests in the developing world. Applicants must have superior academic records and be at least 1 1/2 years away from dissertation field research now. Deadline for application is December 9, 1995. Call or write the MacArthur Program for competition description and additional information about the MacArthur Program. The MacArthur Interdisciplinary Program on Peace and International Cooperation, 214 Social Sciences Building. Telephone 624-0832, FAX 626-2242 or email: macarth@gold.tc.umn.edu

Seminars

November 27 Plant Breeding and Genetics
Rosanna Figueroa-Ruiz,
Comparison of Reciprocal
Recurrent Selection Methods in
Perennials and Annual Cross
Pollinated Crop, 3:30 p.m., 306
Borlaug Hall.

Plant Molecular Genetics
Chiu-Ping Cheng, Cell to Cell
Movement of CoYMV: Virus-
induced Modification of the
Plasmodesmata, and a System to
Generate Random, Non-polar,
TN1000-mediated Mutations,
12:00 noon, 239 Gortner Labs.

November 28 Plant Biological Sciences
Colloquium, Douglas Koshland,
Yeast Chromosome Structure is
Not an Oxymoron, 3:30 p.m., 335
Borlaug Hall.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

COLORADO STATE UNIVERSITY
Research Associate, Department of Soil and Crop
Sciences. B.S. degree in Agronomy, 12-month
appointment.

Closing date: December 15, 1995

KANSAS STATE UNIVERSITY
Assistant Professor in Turfgrass Science,
Department of Horticulture, Forestry &
Recreation Resources. Ph.D. in horticulture,
agronomy, or plant science.

Closing date: March 15, 1996

UNIVERSITY OF MINNESOTA
Postdoctoral position is immediately available
in the Department of Biochemistry and Institute
for Advanced Studies in Biological Process
Technology.

Assistant Professor in Biology at the University
of Minnesota-Duluth. Tenure-track.

Closing date: December 1, 1995

Agronomy Research Fellow at the Southern
Experiment Station, Waseca. M.S. in agronomy
related discipline with field plot research
experience.

Closing date: December 15, 1995

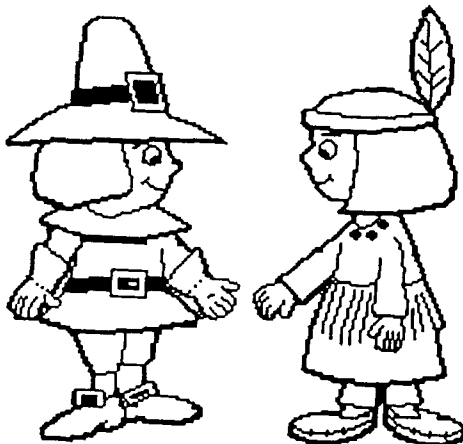
Research Fellow in Plant Pathology
(Nematology) at the Southern Experiment
Station in Waseca. M.S. in an agronomy related
discipline with experience in plot research.

Closing date: January 1, 1996

RHODES

Assistant Professor, Department of Biology.
Long-term, renewable position.

Closing date: January 5, 1995



HAPPY THANKSGIVING

MIW
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Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
December 1, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

Bring out the red and green!!! The 1995 Agronomy and Plant Genetics Departmental HOLIDAY POTLUCK is just around the corner! Join us for lunch on Friday, December 15 in 306 Borlaug Hall with your favorite holiday food--hotdish, jello salad, whatever. The eating begins at noon. Crock-pots are preferred but ovens and microwaves are available for warming up your dish. Bring your own serving utensils! A food drop-off will be available in Room 306 between 8:00-9:00 a.m. on Friday morning (let us do the refrigeration for you!) Live music!!!! Exciting prizes!!!! This is also a last chance opportunity to participate in the TOYS for TOTS drive of new, unwrapped gifts for kids. So come out and eat, drink, and be merry with our little departmental community. See you there!!!!

The Social Committee

Gopher Crops and Soils Club Officers for 1996

- Marty Kral - President
- Ryan Lee - Vice President
- Corresponding Secretary - Sharon Gherity
- Recording Secretary - William Patzoldt
- Treasurer - Aaron McCornack
- Crops Kit Chair - Kim Hemmesch
- Crops Kit Co-Chair - Nathan Niebur

Applications are currently being accepted for two positions in the Congressional Science Fellowship Program, to be available in September 1996.

Applications will be accepted until March 1, 1996. For more information, contact Robert F Barnes, Executive Vice President, ASA, 677 South Segoe Road, Madison, WI 53711.

This is a reminder that the newer computers with fast 486 or Pentium chips can be damaged by heat buildup with dust. My 486 gathered enough dust on the CPU fan in less than a year to almost stop the fan. Cooling fans on the CPU were also clogged. A CPU in a neighboring room recently burned out for the same reason. It's a good idea to clean out the inside of the computer at least once a year to avoid expensive repairs. Les Everett

Greenhouse Users

The following greenhouses will be sprayed with Red Pepper Wax this weekend: Teaching 4 and 5, 415A7, 370A2 and 370C1.

Next week there will be a broom in every other greenhouse section. Please use them.

Pamela Altermatt

Invitation to all COAFES Faculty and Staff

Have you heard about the College's Skunk Works? Do you wish you had heard about it? Are you interested in innovation? Do you want an opportunity to mingle with faculty and staff who view the latest University upheavals as opportunities rather than as threats? Do you want to re-ignite the sunrise enthusiasm? If you answered yes to any of these questions, please come to the Skunk Works Open House on Monday, December 18, 1995 from 3:00-5:00 p.m. in 119 COB. For more information, contact bonnie pechtel at 624-3250, pecht001@gold.tc.umn.edu.

Exempt W-4 and MWR Forms for 1996

Exempt W-4's submitted to payroll in 1995 expire on 2-15-96. To avoid having taxes withheld after that date, new exempt W-4's must be received in this office by the following dates.

- Biweekly Payroll - 4:00 p.m. on 2-20-96
- Regular Payroll - 4:00 p.m. on 2-21-96

MWR forms (Reciprocity) expire on 2-29-96. To avoid having Minnesota taxes withheld, new forms must be in payroll by the following dates:

- Biweekly Payroll - 4:00 p.m. on 3-5-96
- Regular Payroll - 4:00 p.m. on 3-7-96

MWR forms are available from the Minnesota Department of Revenue at 296-3781. Employees should file a new W-4 form whenever there's a change in filing status, exemption allowances, or address. If you have any questions, please do not hesitate to contact the Payroll Tax Area at 4-2837 or Payroll Help Line at 4-3869.

Position Announcements
(Posted in notebook in 411 Borlaug Hall)

KANSAS STATE UNIVERSITY
Assistant Professor in Weed Science/Weed
Physiology, Department of Agronomy. Tenure-
track, 12-month position.

Closing date: February 16, 1996

Graduate Research Assistant in Soil
Microbiology; Graduate Research Assistant in
Soil Physics, Management, or Fertility; Graduate
Research Assistant in Crop Physiology; Graduate
Research Assistant in Forages.

LOUISIANA STATE UNIVERSITY
Research Associate in Wheat Breeding,
Department of Agronomy. B.S. or M.S. in
Agronomy.

Closing date: January 20, 1996

UNIVERSITY OF MINNESOTA
Research Fellow in Plant Pathology
(Nematology), Southern Experiment Station,
Waseca. M.S. in an agronomy related discipline
with experience in field plot research.

Closing date: December 15, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773

December 8, 1995

MW
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The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Thank you

Thank you very much for the beautiful sweatshirt that you bestowed on me during the Owen Newlin Award Ceremony. I appreciated being part of this fine occasion, honoring one of your outstanding graduates. I certainly did appreciate the special sweatshirt honor that you bestowed on me! With all best wishes,

Nils Hasselmo
President

Congratulations

Vernon Cardwell was elected member-at-large of the Executive Committee of the Council of Scientific Society Presidents and serves as co-chair of the education committee.

Congratulations to Jeff Roessler who was reclassified to Scientist.

Congratulations to the following who received awards or recognition at the North Central Weed Science meeting held December 5-7 in Omaha, NE:

Todd Pester won first place in the Graduate Student Paper Contest in the soybean and annual legumes section.

Scott Reuss will be the President of the Graduate Student Committee in 1996.

Dr. Douglas D. Buhler was elected Vice President of the North Central Weed Science Society.

Announcements

Bring out the red and green!!! The 1995 Agronomy and Plant Genetics Departmental HOLIDAY POTLUCK is just around the corner! Join us for lunch on Friday, December 15 in 306 Borlaug Hall with your favorite holiday food—hotdish, jello salad, whatever. The eating begins at noon. Crock-pots are preferred but ovens and microwaves are available for warming up your dish. Bring your own serving utensils! A food drop-off will be available in Room 306 between 8:00-9:00 a.m. on Friday morning (let us do the refrigeration for you!) Live music!!!! Exciting

prizes!!!! This is also a last chance opportunity to participate in the TOYS for TOTS drive of new, unwrapped gifts for kids. So come out and eat, drink, and be merry with our little departmental community. See you there!!!!

The Social Committee

The Office Staff will hold their annual cookie party on Tuesday, December 19 from 9:00 a.m. to 12:00 noon in the main office. Many holiday treats will be provided. Everyone is welcome to come.

Robert de la Pena and his wife Kathryn will be joining our department in the beginning of '96. (Robert will be a postdoc in my lab, Kathryn in Nick Jordan's program). They are looking to rent a two-bedroom apartment preferably with washer and dryer hookups. Close proximity to the campus (St. Paul) would be great. If anyone has a place or knows of one that would suite their needs, please let me know.

Marie Gallo-Meagher (5-6228)

We have a new 1996 Deluxe seven passenger Grand Caravan SE, #2194. The color is island teal with a mist grey interior. This van replaces the dark green 2188. Keys are in 408 Borlaug Hall by Marilyn's desk.

The new van 2194, the blue van 2196 and the Buick Century are now in the winter parking area at the east end of Crops Research until April 1. Any questions, please call Mike at 4-5395.

The 4th Annual Juvenile Diabetes Foundation Walk for the Cure will be held on Saturday, January 13 at the Mall of America. A pledge sheet is available in 411 Borlaug Hall.

Greenhouse Users

Everybody needs to do their own watering Wednesday and Thursday, December 13 and 14.

The following greenhouses will be sprayed with Enstar: Teaching, 370A4, 5, 6 (thistles) and 370C1. 370A2, Weeds 1 and 2 will be sprayed with Duraguard and Azatin.

Brooms, dustpans, & brushes are located in the following places: the entry area of 370C, 370A1/2, 370A3/4 and 370A5/6. Please use them occasionally. Pamela Altermatt

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

ASGROW SEED COMPANY

Corn and Soybean Internships in Janesville, WI. Research assistants to the corn and soybean project leaders. Internships are for six months.

LAND STEWARDSHIP PROJECT

Organizing Intern. Nine-month appointment, 30 hours/week.

Closing date: December 11, 1995

UNIVERSITY OF TENNESSEE

Extension Assistant/ Associate in Sustainable Agriculture, Plant and Soil Science. M.S. or B.S. degree in plant and soil science or animal science.

Closing date: January 12, 1996

UNIVERSITY OF WISCONSIN-EXTENSION

Agricultural Agent, Cooperative Extension. M.S. Degree in agricultural related field.

Closing date: December 26, 1995

Agronomy Gleanings

Department of Agronomy and Plant Genetics
University of Minnesota
411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
December 15, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Sympathy

Charlotte Conn's father passed away on Monday, December 11. He had a long illness with cancer. The funeral was held in North Carolina.

Congratulations

Congratulations to Jeff and Susan Roessler on their new baby boy born on Wednesday, November 29. He weighed 9 lbs. 7 oz. and his name is Thomas Raymond. He joins sister Carly and brother John.

Announcements

Clifford and Marie Christensen have joined the University of Minnesota President's Club with their contributions to the University of Minnesota Foundation. Their major contribution is for Undergraduate Student Development through scholarships, internships, and travel grants.

"Christy," as many know him, majored in Agronomy (1939) and spent his professional career, except two years in the service, in the Minnesota Department of Agriculture seed laboratory, retiring in 1978 as director of the laboratory.

Marie, also a graduate of the University majored in Home Economics (1941). She was a faculty member in the College until retirement, working closely with and advising undergraduate students.

Both have been recognized for their association of more than fifty years with the Minnesota State Fair.

Christy has assisted with judging the Crops Show for many years, and Marie judged Food and Canning in the Home Economics section until she retired two years ago.

Christy has continued his association with members of the department in various ways. He bowled with the Crops Team until it ceased to exist a few years ago and he is an avid golfer with the University Golf Bugs.

Laddie Elling

Anyone who is taking the Pesticide Applicators Workshop, please get your reservation forms into Judy or Marilyn as soon as possible.

There will be a faculty meeting on Wednesday, December 20 at 1:00 p.m. in 306 Borlaug Hall.

The Office Staff will hold their annual cookie party on Tuesday, December 19 from 9:00 a.m. to 12:00 noon in the break room of the main office. Everyone is welcome to come and enjoy some delicious treats.

An invitation to all COAFES Faculty and Staff - A Skunk Works Open House will be held on December 18 from 3:00-5:00 p.m. in 119 Classroom Office Building. Special Guest Appearance: Dean Mike Martin at 4:00 p.m. Discover what Skunk Works is, who your fellow innovators are, why Skunk Works could be good for you. Refreshments will be served. For more information, contact Bonnie Pechtel at 624-3250, pecht001@gold.tc.umn.edu

The St. Paul Post Office will be open from 9:00 a.m. to 12:30 p.m. and 1:30 to 3:30 p.m. everyday through December 22. Holiday cards and packages mailed in the U.S. should be sent by December 21, and overseas mail should be mailed by today to arrive by December 24. A variety of stamps are sold at the post office and they do take checks.

The University of Minnesota will be closed Monday, December 25 and Tuesday, December 26 for the Christmas holiday.

A new phone list was distributed on December 13 for our department. Please check your list for any corrections, additions, deletion, and spelling changes, and give these to Maralee in 411 Borlaug Hall. Thank you.

MW
12/16/95

Requests for Grant Proposals

North Central Sustainable Agriculture
FY 1996 RFP - Sustainable Ag. Extension
Training Grants.
Deadline: February 16, 1996

Minnesota Corn Research & Promotion Council
Preproposal Deadline - January 10, 1996
See Jeanne for details.

Position Announcements

(Posted in notebook in 411 Borlaug Hall)

UNIVERSITY OF CALIFORNIA
Farm Advisor in Field and Vegetable Crops,
Division of Agriculture and Natural Resources.
M.S. in plant pathology, plant science, or crop
science.

Closing date: January 26, 1996

Farm Advisor in Pomology/Viticulture/
Environmental Horticulture, Division of
Agriculture and Natural Resources. M.S. degree
in a horticultural related field.

Closing date: February 9, 1996

Assistant Professor of Biochemistry, Department
of Biochemistry. Ph.D. degree required. Tenure-
track position.

Closing date: January 15, 1996

INTERNATIONAL INSTITUTE OF TROPICAL
AGRICULTURE

Deputy Director General based in Ibadan,
Nigeria. Ph.D. degree in a relevant field and ten
years of experience in agricultural research
management and leadership.

Closing date: February 16, 1996

LOUISIANA STATE UNIVERSITY

Postdoctoral Research Fellow in Plant Tissue
Culture/Molecular Genetics, Department of
Agronomy. Ph.D. degree in one of the basic plant
sciences.

Closing date: March 15, 1996

UNIVERSITY OF MINNESOTA

Vice Provost, Academic Affairs, Professional
Studies. Provides leadership on behalf of the
Provost for Professional Studies for key academic
issues.

Closing date: January 22, 1996

Agronomy Gleanings

M/W
PAg 86a

Department of Agronomy and Plant Genetics
University of Minnesota

411 Borlaug Hall, 1991 Buford Circle, St. Paul, MN 55108 (612) 625-7773
December 22, 1995

The mission of the Department of Agronomy and Plant Genetics is to discover and share information and genetic material that increases the efficiency, reliability, and profitability of crop production and utilization within Minnesota and around the world. We promote environmentally-sound practices that preserve the natural resources upon which agriculture depends.

Announcements

A sign up sheet for the Pesticide Applicator's Workshop is at the front desk of 411 Borlaug Hall. The Workshop which is being held at the Earle Brown Center on Tuesday, January 16, is for people who need to be recertified. If you do not currently have a license, you are not eligible to attend. Payment will be processed by Judy or Marilyn. Be sure and indicate your license number and project CUFs number for payment on the sign up sheet. Please register by Friday, January 5, 1996.

The COAFES Biological Control Initiative is pleased to announce two requests for proposals. The first is a grants program for COAFES faculty and scientific staff, and a separate RFP for COAFES graduate students small grants program. Although, we are sending an e-mail message to all faculty and staff in COAFES via the college office detailing whom to contact for a copy of the proposal, the coordinating committee asks your assistance in sharing these RFP's with the COAFES scientific community, particularly graduate students and scientific staff in your unit.

If you have any questions or would like to receive copies of the RFP, please contact David Ragsdale at ragsd001@maroon.tc.umn.edu. Deadline is Monday, January 22, 1996.

Attention All Scientific and Technical Writers: The Northrup King Committee is helping sponsor a series of sessions on scientific and technical writing to be given by Dr. Robert Andersen. Sessions will be held on Tuesday, January 9 (Room 306 Borlaug Hall); Thursday, January 11 (Room 408 Hayes Hall), Tuesday, January 16 (Room 306 Borlaug Hall) and Thursday, January 18 (Room 306 Borlaug Hall) from 4:00-5:00 p.m. All sessions will be different and run consecutively. A sign-up sheet will be posted in 411 Borlaug Hall, so we can plan accordingly for materials. Look in your boxes next week for more details. Everyone is welcome!

Liz Stahl

A graduate student in our department is in need of some furniture. If you have a couch or table, please contact Lynne in 302 Hayes Hall.

Notice of LCMR - 1997 Request for Proposals has been received. Application due date is February 23, 1996. See Jeanne for details.

As part of the St. Paul plant growth chamber project to replace 50 outdated chambers, work will begin on replacing several rooftop cooling towers that supply cooling to these chambers. Between December 26 through December 29, a large crane will be on campus. It will be set up on Gortner Avenue on Tuesday and Wednesday next to Biological Sciences lifting a tower onto the roof, then moving to Alderman Hall to do the same. Gortner Avenue will be closed to through traffic but allowing traffic to detour at Dudley Avenue for access to parking and areas east of Gortner Avenue. Upper Buford Circle will be blocked in front of Borlaug Hall, Soils and Alderman to allow the crane to set up for a lift onto the roof of Alderman. Traffic will be two-way around the rest of Upper Buford Circle. Parking Services will have some signs up redirecting blocked contract parking on the hill. The work will be Wednesday, Thursday, and some of Friday depending on weather conditions. Please contact Fred Clayton (624-4940) or Ken Almer (626-7295) with any questions.

Greenhouse Users

The following greenhouses will be sprayed with Hot Pepper Wax: Teaching 4 and 5, 370A2 and 4, 370C1, Weeds 1 and 2.

Some of you are doing a great job on cleaning up your greenhouses. Thank you!!

Pamela Altermatt

Noon Hour Brown Bag Discussion
David Griffin, Non-Point-Source Pollution in the Minnesota River Basin: Sources and Solutions, Friday, January 5, 306 Borlaug Hall.

MERRY CHRISTMAS