

Minnesota Extension News

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No. 12

Dairy Meetings Will Stress Local Problems

SUBSTITUTION of special dairy problem meetings and dairy institutes for the regular dairy feeding schools is one of the major changes in extension work announced in the new project catalog. The substitution is an emergency measure to help out in the feed shortage Minnesota dairyman will be up against this fall and winter.

The special dairy problem meetings will be individual meetings, not a series such as the feeding schools were. Subject matter will include some of that formerly included in the feeding schools, but mainly will deal with special problems of timely importance to the locality. These meetings will be conducted through September, October, and November by E. A. Hanson.

From December to April, the special dairy institutes will be featured with Hanson teamed up with Silcox, Cavert or Cleland. Dairy economics and outlook and feeding and management will be the subject matter.

Day meetings for the institutes will be stressed rather than evening meetings. Besides offering an opportunity to concentrate on pressing local problems, these new types of meetings will enable the dairy specialist to serve many more counties than could be reached on the dairy feeding school plan. Whether or not the feeding schools will be permanently abandoned will depend somewhat on how the new meetings work out. Mr. Hanson is preparing some special publicity on the new meetings to help agents in getting a crowd out.

Hammargren Present Hinckley Bank Holdup

WHEN anything out of the ordinary happens in Pine county, W. F. Hammargren is pretty apt to be on hand. Thus it was that when four bandits held up the Farmers' & Merchants' State Bank of Hinckley, August 7, Mr. Hammargren was among those present. Consequently he picked up some of the latest ideas on organizing a project rapidly and getting results. Another witness to the fracas was Miss Lucille Williams, former secretary at the Pine county extension office. Miss Williams is employed at the bank.

In fairness to W. F. H., it must be said that he is not bragging about his experience, and modestly declined to comment on the situation when interviewed on behalf of the Extension News. From rumor and newspaper reports, however, we gather that Mr. Hammargren "hesitated" when told to lie down and was "lost" to the extent of getting a rap on the shoulder with one of the bandits' guns.

The foregoing is about all we have been able to find out. Any of our readers who want further information may "try and get it."

Coming Events*

September 28, 1931—Fall Terms Open, School and College of Agriculture
September 28-October 3, 1931—Dairy Cattle Congress, Waterloo, Iowa
October 5-10, 1931—Advanced Creamery Operators' Short Course
October 10-18, 1931—National Dairy Show, St. Louis
November 2-5, 1931—Junior Livestock Show, South St. Paul
November 28-December 5, 1931—International Livestock Exposition, Chicago
November 28-December 5, 1931—National 4-H Club Congress, Chicago
December 3-12, 1931—Ice Cream Makers' Short Course
December 14-17, 1931—Annual Extension Conference
January 18-23, 1932—Farmers' and Homemakers' Week
February 8-12, 1932—Red River Valley Winter Shows, Crookston
February 29-March 5, 1932—Annual Home Demonstration Conference

* Events will take place at University Farm, unless otherwise stated.

Discuss Problems In "Making the Public Extension-Conscious"

"MAKING the Public Extension-Conscious" was the title of the address of E. R. Price, extension editor of Virginia Polytechnic Institute and president of the American Association of Agricultural College Editors, at the annual meeting of agricultural college editors in Corvallis, Oregon, August 10-14, and the address gave the keynote of the meeting. For four days, college and extension editors discussed methods and mediums to be used in making the public extension-conscious. Editor W. P. Kirkwood represented Minnesota at the convention.

Mr. Price maintained that the quality of extension publicity must be improved in its power to arrest attention, hold interest, and give profitable results. The essential thing was to give "news." News, said Mr. Price, was what the people wanted and should be given as a means of arresting their attention, holding their interest, and guiding to profit in farm and rural enterprises. The appeal to the desire to get on in the world, he said, should be kept in the foreground. The same idea, he added, should be kept in mind in the preparation of bulletins. The average bulletin tries to do too many things at once. Its main objective should be to be specific in its guidance to improved and more profitable practices.

Bulletin Preparation

J. T. Jardine, director of the Oregon Experiment Station, who has resigned to supervise the coordination of research work of the experiment stations of the country, for the United States Department of Agriculture, in discussing experiment station bulletins, made several suggestions which might well apply also to extension bulletins.

He suggested making experiment station projects concrete and specific, the study of the publication possibilities of each project, the coordination and cooperation of different divisions in the preparation of bulletins, prompt publication in case a project had disclosed something in advance of present practices, direct and lucid presentation of material, and the use of pertinent illustrations arranged for in advance or along with the development of the project. Practically all of these suggestions with regard to experiment station bulletins might be carried over into the field of extension bulletins. Certainly, the publication possibilities and needs of every extension project should be considered and met.

Prompt publication in case of advanced practices is always desirable, and too much stress can not be laid on the need of simple and direct presentation, with the avoidance of too much discussion of whys and wherefores. Furthermore, the use of "pat" (Concluded on Page 2)

J. B. McNulty Quits As Agent in Winona

AFTER more than 10 years of county agent service in Winona county, J. B. McNulty resigned on August 1. Mr. McNulty has decided to continue his graduate studies in agricultural economics at University Farm, and has accepted an appointment as assistant in the division of agricultural economics, giving his full time during the summer months to a study of cooperative marketing problems. During the remainder of the year he will do part-time work with the division while studying for his doctor's degree.

Mr. McNulty is a graduate of the Missouri College of Agriculture, and secured his master's degree at Wisconsin before coming to Minnesota. His successor in Winona has not been announced as this is written. Rudolph Stolen, assistant agent, is handling the work in the meantime.

The following is from a statement in one of the local papers, by Homer Goss, president of the Winona county farm bureau, and a member of the committee that hired Mr. McNulty 10 years ago:

"As a county agricultural agent, Mr. McNulty has succeeded in building up a county wide interest in extension work. His enrollments in all projects and particularly in the boys' and girls' clubs, the home projects, the dairy herd improvement association, have been among the very highest of any county in the state. For example, there were 18 4-H club members in 1921 and in 1931 there are over 500 enrolled in the 4-H club work.

"In addition to his heavy extension program of work, Mr. McNulty has always taken an active interest in the success of the 20 township units of the Winona County Farm Bureau, and to this association in no small measure is due the credit for Winona county never ranking lower than fifth, and usually second or third in paid up Farm Bureau members when compared with other counties in the state."

Churchill Limped

(As though from Time Magazine)

BROAD-SHOULDERED, lithe, athletic Lyle Churchill, county agent supervisor for the northeast district, came as usual to his office, Tuesday, August 4. Athletic Mr. Churchill limped, sighed frequently. Mr. Churchill, always ardent sportsman, declined invitations to play golf. Explained he had fallen downstairs that morning. The night had been hot. Upstairs, perhaps, was a breath of air. Mr. Churchill sought repose in second-story bedroom, awoke with the dawn, refreshed, put on socks, started downstairs in sock feet, slipped, struck stairway, struck again, struck a third time, finally struck bottom. Mr. Churchill arose, liveness gone, limped.

Liebenstein Gaining

From Cascade, Wisconsin, F. L. Liebenstein sends kindest regards to all extension workers. His letter, dated August 15, states, "I am still taking life easy, but have made some gains in health and strength, although it is a slow process."

Minnesota Extension News

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Dean of the Department of Agriculture, and Director of Experiment Station

FRANK W. PECK

Director of Agricultural Extension

W. P. KIRKWOOD HAROLD HARRIS
Editors

Entered as second-class matter, October 4, 1921, at the Post-Office at St. Paul, Minnesota, under the Act of Aug. 24, 1912. Accepted for mailing at special rate of postage provided for in section 1103. Act of Oct. 3, 1917, authorized Oct. 21, 1921.

SEPTEMBER, 1931

There are 11 counties in which 75 per cent or more of the farms have been seriously damaged by the drouth. Another group of 16 counties report approximately half the farms affected by the drouth. In addition, in some of these counties grasshoppers have done tremendous damage. For example, one county reports 30 per cent of the farms with almost a total loss of most crops, and another 30 per cent seriously damaged. Six counties report from 20 to 50 per cent of the farms seriously damaged from grasshoppers. Altogether, the insects have been reported doing various degrees of damage in 56 of the 87 counties of the state.

Surely this picture of the situation may well be summarized in the title of this editorial; namely, "Not So Good." Whatever satisfaction may be gained from contemplating the general situation, will be of the relative situation in this and other states in the northwest. It is a common saying that nothing can be so seriously affected but what it might be worse, or that some other situation actually is worse. This is quite true of drouth and grasshopper damage, for neighboring states have much more serious situations confronting the extension service and organizations that may be in position to assist in this emergency.

This may be illustrated by noting some of the brighter spots in Minnesota, for 21 counties report surplus hay that may be available for shipment out of the county. While some states report the majority of the farms in many of the counties needing financial assistance for the purchase of hay or other forms of roughage, but 12 counties in Minnesota indicate that possibly from 10 to 50 per cent of the farms may need financing for the purchase of hay for winter feeding. Thus, while our picture is dark in many of these counties, relatively it is not as black or as hopeless as in some other sections.

One of the questions that every extension agent needs to ask and to consider carefully is, just how can the extension program be so modified as to serve the interests of the farms in the various counties that will be in need of assistance because of the drouth or other emergency situation? For example, it may be necessary to obtain federal loans for the purchase of feed, to maintain productive stock through the winter months, or if this extreme situation does not exist, it may very likely be found necessary

to organize local sources of assistance, both of financing and transportation, in order to place men in touch with sources of feed or seed for maintaining their farm operations. Without doubt, one of the important necessary emergency steps will be the making available of needed information for the feeding and management of livestock, so as to get through the winter as economically as possible. This will mean figuring hard-time rations, estimating the carrying capacity of the available feed; it will mean a knowledge of the best combination of feeds from the standpoint of economy and efficiency; and it will entail a knowledge of the relative feeding value of grains and roughages under various conditions.

In other words, the extension service needs to arm itself with plans, specifications, and necessary materials, to assist needy farmers to wage a very difficult economic fight during the coming winter months. To minimize the difficulty, or to hang back, or fail to take a position of leadership in this situation, means a failure to meet the challenge which seems to be pressing upon us.

W. Peck

NOTICE TO AGENTS

COUNTY agents are requested to send to Director Peck word of any farm fires caused by the spontaneous combustion of agricultural products such as hay, grain and manure, or any such fires taking place in rural non-farming territory in their respective counties.

Mr. Peck has been asked by the U. S. Bureau of Chemistry and Soils to furnish a summary of such fires occurring in Minnesota. Similar statements were secured last year from the various states and the information proved so valuable that the plan is being continued.

In sending notice of fires due to spontaneous combustion, agents are urged to give whatever details they can.

Miss Newton Judges Iowa Fair Exhibits

MISS JULIA O. NEWTON spent August 28 and 29 at the Iowa State Fair at Des Moines, judging the home and community exhibits entered by about 30 counties. These are put on under the supervision of the Iowa Extension Service, and attempt to give a picture of the organized extension activities in the respective counties. Miss Newton has been judge of this feature of the fair for a number of years.

Stegner Studies

W. D. Stegner, district club agent with headquarters at Fairmont, spent his six weeks' vacation this summer at University Farm, where he took work towards a Master's degree, specializing in economics. For part of that time, Mr. and Mrs. Stegner and son Douglas made their home at the residence of R. F. Crim, while the latter was away from town with his family on vacation.

Redwood county is waging a campaign against nose flies.

Home Demonstration Workers On Vacation

ALL home demonstration specialists except Miss Eva Blair are expected back from their vacations September 15. Miss Blair, as our readers learned last month, took her vacation in Bermuda earlier this summer. Miss Julia O. Newton, state leader, is taking her vacation piecemeal this year.

Some interesting trips and activities were planned by the vacationists who expected to scatter from coast to coast. To the east went Miss Cora Cooke to visit her home folks at Lyons Falls, N. Y. and a brother in Vermont.

Miss M. Lois Reid drove with her mother to see relatives in Ohio and Pennsylvania.

Miss Eves Whitfield and a friend drove to California, going by way of Denver and planning to return via the Grand Canyon. They were to visit the friend's sister in California.

Miss Miller, Miss Hobart and Mrs. Fish are spending most of their time in Minnesota. Miss Miller visited relatives at Ely and Fargo. Miss Hobart spent some time at a lake in Roseau county. Mrs. Fish, with her youngest son, Walter, sought rest and recreation in Lake county.

Mrs. Fish Revises Child Development Project

AFTER two years of experience with the Child Development project, Mrs. Belle O. Fish, specialist, has revised Project I, adding new material and making changes in lessons that appear advisable. As now planned, the project begins with a lesson on Parenthood in Relation to Child Development. The other four lessons, in order, are on Physical Development, Mental Development, Emotional Development, and Habit Formation.

A new project is also offered now for counties that have had the first year's work. Lessons in the advanced project are as follows: Self Reliance, Discipline, Sex Education, Recreation, and The Family.

MAKING THE PUBLIC EXTENSION-CONSCIOUS

(Continued from Page 1)

illustrations should be strongly emphasized. The illustrating of a bulletin should not be left to the chance finding of pictures to suit, after a bulletin has been written.

Editors at Important Meetings

M. S. Eisenhower, director of information, Department of Agriculture, in a discussion of publicity in relation to the U.S.D.A., made the point that agricultural college editors and publicity specialists should "sit in" at all important meetings of leaders of agricultural education and in the agricultural industry. His idea was that this would give editors and publicity specialists a clearer understanding of problems to be met and enable them the better to develop a proper publicity program both in forwarding the immediate projects under consideration and in promoting the larger general programs of their institutions.

What the Press Wants

The editors and publicity specialists at the meeting heard a good deal about the needs of newspaper and magazine editors from editors themselves.

Charles Sprague, editor of the Salem Statesman, emphasized the desire of

newspaper editors for "spot news" from agricultural colleges and their extension divisions. By spot news he meant the activities of college and extension staffs; the news of experiences of persons in agriculture, with whom college and extension people come in contact, and scientific discoveries. He also urged the need of localizing such material in so far as possible.

Jeannette Cramer, home economics editor of the Portland Oregonian, told of the lively interest of the women of her state in the publication of home economics material, and especially in problems of child training, nutrition, and clothing.

George Angell, editor of the Oregon Farmer, urged the case of the experience story—of the story of the farmer or farm housewife who had done something capable of being copied with profit by other farmers or housewives.

Some Radio Problems

The radio section of the association meeting by a formal vote was made an integral part of the association meeting; in other words was incorporated in the general program. W. L. Kadderly, radio director of Oregon State College, out of his experience, suggested the need of attention to details in the preparation of radio talks. He warned against the use of words difficult to understand through the microphone, pleading for the use of simple words easily vocalized. Paragraphs, he said, should be clearly indicated by some form of verbal warning. Breaks in the line of thought should be so indicated, also. The underscoring of words, sentences, or paragraphs in the manuscript often helped the radio speaker in placing proper emphasis. Mr. Kadderly said that Oregon college speakers were given practice in radio speaking, through private auditions under the direction of the announcer.

A Radio Budget

P. V. Maris, director of extension, Oregon State College, suggested \$75,000 as an annual budget for a full-time station for such an institution as his. He said that the time given to the radio of Oregon State College last year was the equivalent of that of six full-time men.

The value of the radio for extension work was emphasized by Mr. Maris. He cited as an example the fact that more than 500 poultrymen had registered for a radio poultry course, and that large groups gathered to listen-in to the lectures.

Kirkwood on Directorate

The election of officers of the association for the year 1931-32 resulted in the choice of Charles D. Byrne of Oregon State College as president; R. M. Soule of Georgia, vice president; W. C. Schnopp of West Virginia, secretary, and W. P. Kirkwood of Minnesota and Roger De Baun of New Jersey as members of the executive committee.

Mr. Kirkwood extended an invitation to the association to meet at University Farm next summer. Final decision as to the place and time was left to the executive committee, which is favorably disposed toward Minnesota.

Ten main lines of agricultural and five of home demonstration subject matter will be offered by specialists of the Agricultural Extension Division during the coming year, in addition to 4-H club work. This is shown by the new catalog of projects.



New Awards Offered By Washburn-Crosby

AT the 1930 Junior Livestock Show the Washburn-Crosby company of Minneapolis purchased the reserve grand champion baby beef and several pens of poultry. The proceeds of the resale of this of this stock was placed by this company in a special fund for rewarding outstanding 4-H achievements in 1931.

The grand championship award from this fund will be a scholarship, good in the Schools of Agriculture or in the College of Agriculture, for the most complete and outstanding record made by any Minnesota exhibitor at the 1931 Junior Livestock Show. A trip to the National Dairy Exposition will be given to the club member who makes the best record in the production contest. Trips to the National Club Congress will be awarded the poultry and sheep club members with the most outstanding records. Be sure to call these awards to the attention of your 4-H members deserving special recognition.

Closing Event For Garden Club Members

THE closing event of the year for the garden and home beautification club members will again be in connection with the State Horticultural Society's annual meeting, held just before Thanksgiving.

A new plan for selecting those winning trips to this event was adopted at the beginning of the year. The outstanding garden club member from each of the 25 counties with largest garden club program will be selected for this trip. Extension agents and club leaders should be sure to send records of the best garden club member to the state club office before October 15.

Loan Fund Established For Worthy 4-H Members

A \$5,000 loan fund has been provided by F. H. Prince of the Union Stockyards Company of Chicago who is very much interested in 4-H work. Four-H members wishing to go to college, and desiring a loan, may use this fund. A loan of \$250 may be secured upon recommendation of county and state leader. The loan is for 5 years, without interest. Anyone interested should write the state club leader. The fund is available immediately.

Springfield Leadership School Called Off

The International 4-H leadership school at Springfield, Massachusetts, has been called off for this year, because of the hard times.

Announcements

Dairy Production Contest

Reports from the 4-H dairy club members enrolled in the production project are due in the State Club Office, September 10. The winner in each county having five or more enrolled will receive a beautiful medal. The state winner is awarded a trip to the National Dairy Show at St. Louis.

Leadership Reports

All leadership records should be sent to the State Club Office on or before October 1.

National Club Congress

The National Club Congress will be held at Chicago, November 27 to December 5, 1931, in connection with the International Livestock Exposition. Fifty outstanding Minnesota 4-H'ers will represent the state at this national event.

Entries for baby beeves and other livestock must be made on or before November 1.

County extension agents wishing to recommend junior leaders as delegates should send these special recommendations along with leadership reports.

National Dairy Exposition

The National Dairy Exposition will be held at St. Louis, October 10 to 18.

Minnesota will be represented by the two dairy and one poultry demonstration teams selected at the State Fair. The 4-H dairy stock judging team scoring highest at the State Fair will represent the state in that line. If present plans can be carried out a number of winning 4-H club calves and their owners will also be sent.

Thirty outstanding dairy club members will be awarded "Minneapolis Journal trips" to the dairy show in St. Louis. Records of candidates for these trips must be in the State Club Office on or before September 15.

Junior Livestock Show

The Minnesota Junior Livestock Show will be held at South St. Paul, November 2, 3, 4 and 5—a week earlier than usual. Plan to report winners to State Club Office on or before October 10.

Dairy Essay Contest

Essays on "A Trip Through a Dairy Plant," competing for a trip to the National Dairy Show, must be at the State Club Office not later than September 15. Each county is expected to enter at least two essays.

Turner Visits Minnesota

R. A. Turner of the Washington Office, spent several days in August visiting "Partnership" members in Rock county, looking over forestry projects in St. Louis county, and in attending a leaders' school, also in St. Louis.

Fillmore Dedicates New 4-H Building

C. L. McNELLY, former Fillmore county agent, was the speaker at dedication services for the new Fillmore county 4-H club building on the county fair grounds, August 21. This building is a fine two-story structure, financed by the 4-H clubs and township farm bureau units of Fillmore county. The building is about 30 x 60, with the lower floor arranged for exhibit space, and the upper floor devoted to boys' and girls' dormitories, but so arranged that both parts can be combined for use as an auditorium.

Mrs. James Sample of Spring Valley was another speaker at the dedication. Mrs. Sample was chairman of the building committee, and deserves much credit for her work in promoting the club building.

At a meeting last spring in which the subject of the club building was discussed, it was Mrs. Sample who made the suggestion, "Do it now," when most folks thought the idea would have to be postponed. Accordingly, Mrs. Sample was made chairman of the committee, and has succeeded in getting the building erected. Much of the labor was donated, and the funds were raised by quotas from each club and farm bureau unit.

Checking Up The Potato Projects

POTATO club members should plan to send exhibits of 32 potatoes each to the state potato show at Biwabik in November. Detailed announcement will be sent to agents later. State awards will be made in connection with the Biwabik show.

The best exhibits from Biwabik will be shown for competition at the exhibit of the State Horticultural Society, and also will make up the state 4-H potato exhibit at the National Club Congress in Chicago. This plan gives the potato club members a fine opportunity to exhibit their products. Be sure to urge each of them to select their exhibits when digging. The outstanding potato club member in counties with an active enrollment of 10 members, will receive a beautiful medal provided by The Farmer of St. Paul.

Check Up Corn Project

CORN club members should be urged to select exhibits for local corn shows. Creditable exhibits should be sent to the State Seed Show at University Farm in January. Club members with excellent exhibits should enter them at the National Club Congress, where some fine prizes are given. County winners entitled to The Farmer medal should be selected and reported not later than December 1.

Tour-Picnics Successful

Sherburne and St. Louis counties reported very successful events, combining the picnic and tour. Several groups, each in charge of a leader, started a tour in different parts of the county, but all "heading" towards a common point, where they met for a picnic dinner and full afternoon program.

This appears to have many valuable features. Extension agents and leaders are urged to make a note of it and consider it when arranging next summer's program.

Director Cites Rhyming Rights of Rural Youth

DIRECTOR F. W. PECK, speaking at 4-H club banquet given by Rochester Chamber of Commerce, August 27, quoted Rev. J. W. Holland of St. Paul, who said: "Every boy and girl, whether of the city or country, has five fundamental rights. They are to be well bred, well fed, well led (through better leadership), well read (through greater educational opportunities), and well wed (or to have successful homes, the principles of which are taught in 4-H club home economics)."

To which we could only add "well said."

The banquet, given in connection with the Olmsted county fair, was attended by 400 Olmsted county 4-H club members, and 250 business and professional men and parents of club members. Its purpose is to celebrate the year's achievements in 4-H projects.

Other speakers included T. A. Erickson, County Agent Julius Aussen, and Arthur E. Reiter, president of the Rochester Chamber of Commerce. Several scholarships for outstanding 4-H leadership work were awarded.

Achievement Program Should Be Encouraged

MANY 4-H clubs are planning to hold achievement day programs. In many cases a regular club meeting of one of the autumn months will be devoted to a program recognizing the results of the year's work. In many counties where there is a county-wide 4-H club association, a county achievement day is arranged. Sometimes the event takes the form of a banquet or lunch to 4-H members by some special organization.

Every local 4-H club should be urged to arrange an achievement day.

Suggested Program Features

1. Report, by an officer of club on work of club for the year.
2. Demonstrations, by individuals or teams winning county or state recognition.
3. The year's achievements of all 4-H clubs in the county, by the county agent.
4. Brief accounts of their trips by various club members who have represented club at county, state or national events.
5. How 4-H work has affected the homes of the community, by a parent.
6. Plans for the coming year's program.
7. A small exhibit of outstanding products produced during the year is a good feature.
8. Achievements in health work during the year.
9. Completing as near to 100 per cent as possible, the aim of every member, by a club member.

For McKerrow Awards

County extension leaders have reported the following candidates for the McKerrow scholarship award:

Dakota: Emmett Carrol, Rosemount
Faribault: Harold Golly, Winnebago
Lake: Fred Wiklund, Two Harbors
Murray: Theodore Drackley, Tracy
Nobles: Verlin Madison, Lismore
Olmsted: Robert Dickinson, Stewartville
St. Louis: Milo Huston, Hibbing
Scott: Arthur Bohnsack, New Prague

Guernsey Medals For Dairy Club Members

THE American Guernsey Cattle Club, Peterboro, New Hampshire, provides bronze, silver and gold medals for Guernsey club members finishing one, two or three years' work. Report members entitled to these awards to the association at once and get the medals for your achievement day.

**Drew Writes of Rope
In New Handicraft Book**

OF course you tie your own shoes and probably you think you know how to do it. But do you really know how to tie them correctly? Perhaps instead of tying a square bow knot that keeps your shoe strings tied firmly, and with the bow at right angles to the length of the shoe, you are addicted to tying granny knots which do not stay tied well and look rather sloppy. This is one of the interesting subjects discussed by the extension knot master, J. M. Drew, in a new book on handicraft published by Lester Griswold of Colorado Springs, Colorado.

The book contains more than 300 pages and is profusely illustrated. It presents simplified procedure and projects in leather, celluloid, metal, wood, batik, rope and cordage, and primitive Indian craft. The rope and cordage section was prepared by Mr. Drew, and consists of about 60 pages, discussing the uses of rope and the tying of many kinds of knots.

Mr. Drew is a personal friend of Mr. Griswold, and about a year ago spent a week with Mr. Griswold in Colorado, where the illustrations for the section on rope and cordage were taken.

Mr. Drew is believed to have been the first man in the United States to teach rope work as a part of regular school instruction. Through his influence rope work came to be included in the curriculum of the School of Agriculture at University Farm nearly 40 years ago and is still being given.

**Brigham, Fisher, Lowe
In Minnesota in August**

REUBEN BRIGHAM, editor of the Extension Service, U. S. Department of Agriculture, Washington, D. C., was a visitor at University Farm on August 28, 29 and 31, having conferences with members of the editorial staff, the extension director and a number of specialists. Mr. Brigham was on his way back to Washington from the convention of agricultural college editors which met at Corvallis during August.

Others from the Washington office who visited during the past month were O. S. Fisher, federal extension agronomist, and C. D. Lowe, federal extension animal husbandman.

**New Broadcasts Feature
Adult Extension Work**

ALL extension workers have received notice of the new monthly radio feature on adult extension activities being broadcast the last Saturday of each month as a part of the Land-Grant College Radio Hour. The first of these adult programs was put on the air July 25. The idea is similar to that of the national 4-H programs which are proving so popular.

C. W. Warburton, director of extension service, Washington, D.C., says: The plan is to have various members of the extension staff—county extension agents, specialists and supervisors—explain what the service is doing to help farmers, and also to have farm men and women tell how the adoption of improved methods of farming and homemaking has helped them. Through these programs it is hoped that farm men and

women in each state will become more familiar with the opportunities extension work gives them and perhaps be influenced in making greater use of such opportunities. It is hoped also that the programs will provide a medium for acquainting the state and county extension staffs with the problems facing agents in other regions and how these problems are being met."

**Bibelhausen Leaving
Koochiching Extension**

ROY J. BIBELHAUSEN has resigned as county agent in Koochiching county, and will leave the service September 15. He plans to remain at International Falls, where he will engage in the automobile business, taking over the agency for Chevrolet.

On September 20, Mr. Bibelhausen would have completed 8 years of service in Koochiching county, where he began work shortly after graduating from the Wisconsin College of Agriculture in 1923. No successor for Mr. Bibelhausen has yet been selected.

**Kirkwoods Bring Back
Word from Balmers**

MR. AND MRS. FRANK E. BALMER sent greetings and good wishes to all of their friends of the extension division and the university department of agriculture, through the Kirkwoods, who returned from their western trip August 24. The Balmers and the Kirkwoods got together for a breakfast in Seattle one day in the first week of August. The Kirkwoods report that both Mr. and Mrs. Balmer were in excellent health and that both are enthusiastic over Washington and their work there.

From others in Washington, Mr. Kirkwood says, came word of enthusiastic appreciation of Mr. Balmer's work as director of extension. According to this report, Frank has already made a host of friends in the state and is developing the agricultural extension service of Washington State College in a highly effective way.

Pressure of duties at home prevented Frank and Mrs. Balmer from attending the agricultural college editors' meeting in Corvallis, Ore., as they had planned, and the breakfast in Seattle gave the Kirkwoods their only opportunity to meet them while in the west.

**Tony Rollin Marries
Miss Jean Blacker**

LAST month we promised to give our readers a few more details about the marriage of Anthony R. Rollin, new agent in Aitkin county. The wedding took place on August 4 at Shelby, Montana, home of the bride, Miss Jean Blacker, who was formerly employed by the veterinary division at University Farm. Miss Blacker was graduated from St. Catherine's College, St. Paul, in June, 1930, following which she worked for the veterinary division until last April.

Statistics compiled by L. A. Churchill for the northeast district show that Tony had a busy time his first month as agent, during July, when he took care of 229 office calls, wrote 231 letters, made 167 farm visits and attended 30 meetings.

Farm Economics

Conducted by W. L. Cavert

Minnesota Drouth, Grasshopper Situation

THE following is a copy of a report on the drouth and grasshopper situation in Minnesota as of August fifth submitted by Director Peck to C. W. Warburton, director of extension work, U.S. Department of Agriculture:

"It is quite likely that rains and improved climatic conditions since August fifth will have changed somewhat the complexion of the report in some counties. This is undoubtedly true because the rains have improved the corn and potato prospects particularly, and in some areas will somewhat strengthen late summer and fall pastures.

Drouth Damages 22 Counties

"Drouth damage was reported in 22 counties as seriously affecting the yields of grain and crop prospects on 75 per cent or more of the farms in these counties. In 11 other counties, the drouth damage was estimated as having affected between 50 and 75 per cent of the farms seriously. In many other counties, of course, there was slight damage because of the drouth situation. This is more fully expressed in the following statement of the corn, pasture, and potato prospects and representative yields of grain:

Corn Prospects—August 5, 1931

- 18 counties—Good
- 41 counties—Fair
- 22 counties—Poor
- 5 counties—No report

Pasture Condition—August 5, 1931

- 11 counties—Good
- 23 counties—Fair
- 40 counties—Poor
- 10 counties—Failure

Potato Prospects—August 5, 1931

- 12 counties—Good
- 20 counties—Fair
- 46 counties—Poor
- 6 counties—Failure

Representative Yields of Grain

Bushels per Acre	Number of Counties		
	Oats	Spring Wheat	Barley
50 or over.....	5
40 to 49.....	13	..	5
30 to 39.....	27	..	20
20 to 29.....	30	13	39
10 to 19.....	8	45	15
Under 10.....	1	3	2

Grasshopper Situation

"Six counties report a very serious situation, with from one-third to one-half of the farms seriously damaged by grasshoppers.

"Eleven counties report 10 per cent to 16 per cent of the farms seriously damaged, while 36 other counties report slight infestation of grasshoppers with slight damage.

"Most of the poison bait has been used in the six counties reporting the most serious damage.

"In connection with the use of federal loans for the purchase of feed during the winter months and seed next spring, 25 counties on August 5 felt that some federal funds might be necessary. The larger amount of such funds would be needed for the purchase of concentrates and grain, while 15 counties will need to import hay for feeding purposes. On the other hand, there are 23 counties that report having surplus hay, which

may be available for shipping to other counties."

Kirk Makes Report

Paul Kirk, state agricultural statistician as of August 5, reports pasture as 27 per cent of normal in the southwest corner of the state (District No. 8). The pasture condition was 50 per cent of normal or below in all the counties except the area lying north of a line drawn roughly east and west through Duluth.

**Figures Show Sources
Minn. Farm Income**

THE U. S. Department of Agriculture has recently released figures showing detailed estimates of the sources of Minnesota income for 1929. The figures given are actual sales. These are in addition to the products consumed by the farm family. The following are the figures for Minnesota:

LIVESTOCK AND ITS PRODUCTS

Cattle and calves.....	\$ 51,645,000
Hogs	92,958,000
Sheep and lambs	4,517,000
Horses and mules.....	73,000
Chickens	13,270,000
Eggs	20,430,000
Milk and its products.....	120,422,000
Wool	1,543,000
Honey and beeswax	459,000

TOTAL for livestock and its products \$305,317,000

CROP SALES

Potatoes	\$17,128,000
Corn	7,295,000
Wheat	17,427,000
Oats	12,514,000
Barley	8,732,000
Rye	4,764,000
Flaxseed	12,424,000
Hay	5,285,000
Other crop sales.....	11,782,000

TOTAL crop sales..... \$97,351,000

GRAND TOTAL of sales of crops, livestock and livestock products \$402,668,000

Livestock and its products constituted 76 per cent of the cash income, while wheat contributed about 4 per cent. Milk and its products contributed 30 per cent of the total.

When the figures for 1931 are available, they will show a substantial reduction from the \$400,000,000 figure, but it is likely that grain will be of even less relative importance than in 1929.

Minnesota farmers have numerous problems, but it is evident from the foregoing that, except for limited areas, the price of wheat is not one of their major difficulties.

If freight rates should be generally increased further, this would have a tendency to further reduce the sales of cash grain, as every advance in freight rates makes it more advantageous to sell the more condensed products, such as livestock and butter, in preference to grain.

Livestock Outlook Plans

The Central States Outlook Conference will be held at Urbana, Illinois, September 16 to 18. Minnesota extension workers expected to attend include F. W. Peck, W. L. Cavert, S. B. Cleland, D. C. Dvoracek, and W. B. Silcox. Following a livestock outlook report for Minnesota will be prepared and the information stressed in livestock outlook meetings.

Cavert