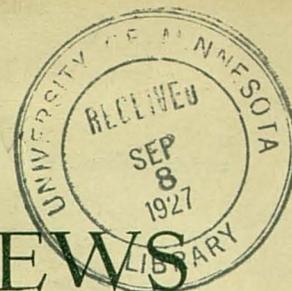


MINNESOTA EXTENSION SERVICE NEWS



Published Monthly by the University of Minnesota, Department of Agriculture, Extension Division

Vol. VI

UNIVERSITY FARM, ST. PAUL, MINN., SEPTEMBER, 1927

No. 12

U. S. Extension Chief Comes to Minnesota

Minnesota was honored recently in the visit of Dr. C. W. Warburton, director of extension work, United States Department of Agriculture.

Dr. Warburton was on a return trip from the Pacific northwest where he first attended a regional conference of extension workers of 11 western states at Reno, Nevada, following which, in conjunction with state extension directors, he made a study of representative enterprises of the county extension work in California, Oregon, Washington, and other states. Much of this journey in this region was made by automobile which afforded opportunity for an intimate study of the agriculture of the region.

The experiment station plots were a part of Dr. Warburton's study in Minnesota, particularly the rust resistant varieties which have been developed by the station. He also made observations on the progress of the school plan by which the Minnesota extension service is promoting crop improvement, dairying, swine improvement, home projects and other activities.

Dr. Warburton expressed himself as believing that farmers and farm families have a growing appreciation for the extension service and that steadily increasing numbers are participating in the benefits of the work.

Minnesota had anticipated a more extended visit from Dr. Warburton early in the year, but the emergency of the flood situation of the lower Mississippi called him for special duty in that region on relief work in co-operation with the American Red Cross.

ANNUAL CONFERENCE COMING IN DECEMBER

The director gives notice that the annual meeting and conference of the extension service will be held at University Farm December 13, 14, and 15. Keep the dates in mind and make no engagements that will conflict with them.

STITTS RESIGNS TO TAKE WASHINGTON JOB

T. G. Stitts, half time specialist in marketing with the extension division, has tendered his resignation to accept appointment as marketing specialist in dairy products with the newly created division of co-operation of the United States Bureau of Agricultural Economics. He will begin his new duties October 15 and will have headquarters in Washington, although he will travel extensively to visit co-operative organizations in the field of dairy products, particularly butter and cheese. Mr. Stitts has taken post graduate work at University Farm and has been connected with the division of agricultural economics. While a county agent in Meeker county he organized the first district unit of the Land o' Lakes creameries. His extension service friends foresee for him continued success in his new field and join in extending him hearty congratulations.

After the Watson Plan

Cow testing association work is to be summarized in a booklet which will be issued at the end of the test year in Houston county, says the agent.

Business Men Hosts To Extension Women

The Mankato Chamber of Commerce appreciates the work carried on by the women of the Blue Earth county extension and farm bureau organization. Recently members of the chamber were hosts at a party given in honor of the county home and community committees and the local leaders of the past year in Clothing I and II, millinery and girls' 4-H club work. Arrangements for the party were in the hands of Mrs. Agnes Erkel, the Blue Earth county home demonstration agent.

J. E. Brett, president of the Chamber of Commerce, welcomed the guests who numbered more than a hundred. Short talks were made by Miss Julia O. Newton, state home demonstration leader, and L. E. McMillan, county agricultural agent. Delightful music at lunch and flowers furnished by two Mankato florists added to the joy of the women.

The faithful service of leaders, who give of themselves so freely in carrying on the project work which the home demonstration agent is using as a means of better home and community development, is recognized as a live factor in the development of Blue Earth county. The progressiveness of the Mankato Chamber of Commerce in paying tribute to this group was much appreciated.

An interesting incident occurred when the guests were getting acquainted. Two women who lived only 11 miles apart met for the first time in 25 years. They had gone to school together in St. Clair, later each married and established farm homes in the county and brought up their children. Both became active in home demonstration work and thus met when the "County Party" was held.



MEMBERS OF HOME AND COMMUNITY COMMITTEE OF BLUE EARTH COUNTY EXTENSION AND FARM BUREAU ORGANIZATION, AND LOCAL LEADERS IN CLOTHING I AND II, MILLINERY, AND GIRLS' 4-H CLUB WORK AT PARTY GIVEN BY THE MANKATO CHAMBER OF COMMERCE.

MINNESOTA EXTENSION SERVICE NEWS

Published monthly at University Farm, St. Paul, Minn., by the Agricultural Extension Service of the University of Minnesota and the United States Department of Agriculture, co-operating in the interest of extension work in agriculture and home economics.

WALTER C. COFFEY
Dean of the Department of Agriculture and
Director of Experiment Station
FRANK W. PECK
Director of Agricultural Extension
W. P. KIRKWOOD E. C. TORREY
Editors

Entered as second-class matter October 4, 1921, at the postoffice at St. Paul, Minnesota, under the Act of August 24, 1912.

Accepted for mailing at special rate of postage provided for in section 1103, Act of October 3, 1917, authorized October 21, 1921.

SEPTEMBER, 1927

ATTENTION, COUNTY AGENTS!

The State Department of Agriculture is authorized to collect information relative to the cost of producing farm crops, the schedules of which are sent through the county agent's office by the farmer and forwarded by the agent to the department in the old capitol, St. Paul.

The information thus given by the farmers should be forwarded at once to the state department without any publicity on the part of the county agent or without any use whatever of the figures from a local standpoint.

The sound principle of investigational work is that the schedule shall be first analyzed by the proper authorities authorized to do such work before any publicity is given to the information contained in it. It is to be hoped that none of the agents will allow any publicity relative to this sort of information but will forward the material at once to the department.

BANKERS' AGRICULTURAL COMMITTEE

The agricultural committee of the Minnesota Bankers' Association has been an effective co-operating agency in promoting county and state extension service in Minnesota. In 1925 and 1926 this committee co-operated with the state extension service in publishing a pamphlet dealing with the services that might be developed by the working together of the banker and the farmer and the county agricultural extension service.

The association has just announced the personnel of its agricultural committee for the coming year. Following are those appointed: H. S. Briggs, chairman, Security State Bank, Houston; A. B. Lathrop, Merchants National Bank, St. Paul; Timothy O'Connor, O'Connor Brothers State Bank, Renville; W. T. Mount, Farmers' National Bank, Aitkin; and Oscar Dahl, Farmers' State Bank, Guthrie. This personnel insures a continued interest so well carried forward in preceding years.

Increasing Interest in Sheep

The Brown county agent reports a growing interest in the sheep business. Several farmers have consulted him about plans to begin or to expand.

PROJECT CATALOGUE DESIGNED FOR USE

County agents are requested to make use of the Catalogue of Projects, which was recently issued from the office of the director, when asking for the services of specialists. The Catalogue is a booklet of 20 pages in which are listed the phase plans of work, the personnel of the agricultural extension division, and important dates.

KITCHENS BRIGHTENED AS CONTEST IS HELD

A trip with Miss Lang, home demonstration agent in St. Louis county, to check up kitchens entered in the kitchen contest was full of interest, says Mary L. Bull. The outstanding improvement in a majority of cases was better light. This had been accomplished through the refinishing of walls and ceilings with a lighter and more suitable color, repainting wood trim lighter, and making window curtains lighter and more attractive. One small kitchen having one window had been uninteresting and dark. It was made more cheery and bright by a coat of light soft gray on walls, wood trim, chairs, and table. A touch of blue on the tables and chairs and a blue and white linoleum on the floor gave the necessary color. In the pantry adjoining the rooms a shelf had been installed in front of the window much to the convenience of the housewife.

Another kitchen which had been finished in a "durable" gloomy brown was transformed by painting the walls a rich cream and varnishing the wood trim, but not changing its color. The floor of hardwood was oiled which made it fit nicely with the wood trim. Printed linoleum rugs on the floor added to the attractiveness of this kitchen as well as lessening the work of keeping it clean. A small shelf installed over and back of the oil stove furnished a place for some materials, as salt and pepper and small utensils used at the stove, and saved many trips between the storage closet and stove. A new kitchen cabinet gave the finishing touch to the kitchen and added materially to the pleasure and efficiency of the housewife.

Miss Newton at Iowa State Fair

Upon invitation of the agricultural extension service in Iowa Miss Julia O. Newton, the Minnesota home demonstration leader, was at Des Moines this week to judge more than 40 home and community booths at the Iowa state fair. For a year before the fair the counties are planning for the booths which show real development through extension and farm bureau work.

J. M. Drew Mending Fast

J. M. Drew is making real progress toward the goal of health and strength, as a multitude of friends and acquaintances will be glad to hear. His illness dates back to last February and because of its severity his recovery has been slow. It is felt that it will be only a comparatively short time now before he can return to his duties with the extension division.

Juniors All Set For Great Week at Fair

Most of the more than one thousand 4-H club boys and girls who attend the Minnesota State Fair and Northwest Dairy Exposition will live in dormitories at University Farm. Premium money offered the juniors by the fair management and special interests plus the money appropriated for free trips and maintenance at the camp equals about \$24,000.

A regular schedule of exercises will be carried out daily in the University Farm camp. From 8 a. m. to 10 a. m. a training school will be held with John Bradford of the American Playground Association of New York as headliner. Some special event has been arranged for every evening. Wednesday evening most of the club members will parade before the grandstand at the fair; Thursday evening they will be the banquet guests of the Minneapolis Civic and Commerce Association. All the merry-making and good times will culminate in a picnic supper at University Farm Friday evening.

The junior dairy and pig club divisions will be larger than ever before. Two hundred dairy calves and 75 purebred gilts, the pick of 5,000 club animals, will be on exhibition in the two classes. The cash and special prizes for the dairy show aggregate more than \$9,000. The usual dairy cattle and general livestock judging events will witness sharp competition between boys and girls who won out in the preliminary contests at University Farm when the annual short course was held last June. Free trips to the National Dairy Show at Memphis and the International Livestock Exposition in Chicago are at stake. A second free trip to the National Dairy Show will be given to the best dairy demonstration team.

Nearly every county in the state will be represented in the farm boys' camp at the fair by boys who have made superior records in their club projects. Sixteen older club girls, all junior leaders, are coming from Ottertail county to help prepare and serve the meals for these hungry boys.

Members of bread making, garment making, canning, poultry raising, sheep, dairy cattle, beekeeping and various other projects will give demonstrations daily in the boys' and girls' club building which will be the center of junior activities.

New Velvet Barley Pleases

Velvet, the new smooth awned barley developed by the plant breeders of the Minnesota Experiment Station, is strongly indorsed by county agents because of its splendid performance this year. Farmers who have been trying it out are well pleased with it. One western county agent writes that it is likely to become a regular farm crop hereafter.

Leafy Spurge Spreading

Leafy spurge, a weed new to the district and one to be feared, has been found in five townships in Martin county, says Agent Arthur R. Karr. Several southern Minnesota county agents report the discovery of small patches of the sow thistle.

Girls Win Trips to Demonstrate at Fair

Since May 1st assistant leaders of junior club work have been holding elimination contests over the state for the purpose of selecting 16 bread making teams (four from each district), four cake making teams (one from each district), four individual cake makers, 16 garment making teams, four room furnishing teams, and four individual thrift girls who will give demonstrations at the coming State Fair and Northwest Dairy Exposition in contests for state championships. In Lyon county the leader for the southern district had to judge 34 teams, 18 individual bread makers, and 75 different exhibits of sewing. Other counties were also outstanding in the number of teams and individual contestants. The four districts will be represented as follows:

Southern

ADVANCED BREAD TEAM—Georgia Rose and Otha Ziebell, Winona county.
 GRAND CHAMPION BREAD TEAM—Muriel Hoyme and Olga Kolsrud, Rock county.
 CHAMPION A BREAD TEAM—Marion Tvedt and Aenes Stromback, Dodge county.
 CHAMPION B BREAD TEAM—Helen Schmidt and Hilda Hengel, Redwood county.
 CAKE TEAM—Irene McGrath and Catherine Bestler, Steele county.
 CAKE INDIVIDUAL—Mabel Danderand, Lyon county.
 GARMENT TEAMS—CLASS A—Helen Van Deer and Vivian Van Deer, Freeborn county. Ada Todnem and Datie Moore, Lyon county.
 GARMENT TEAMS—CLASS B—Loretta Heaser and Myrtle Maier, Winona county. Susie Graf and Gertrude Deschner, Houston county.
 ROOM FURNISHING TEAM—Ruth Bang and Mary Perkins, Goodhue county.
 THRIFT INDIVIDUAL—Mildred Bennett, Steele county.

Central

ADVANCED BREAD TEAM—Hazel Hintz and Gladys Amundson, Sherburne county.
 GRAND CHAMPION BREAD TEAM—Gena Torrens and La Verne Wittwer, Pope county.
 CHAMPION CLASS A BREAD TEAM—Laura Mae Dawson and Marion Marz, Dakota county.
 CHAMPION CLASS B BREAD TEAM—Jean Baker and Mabel Schendel, Wilkin county.
 CHAMPION CAKE TEAM—Evelyn Morrell and Mildred Swanson, Isanti county.
 CAKE INDIVIDUAL—Lois Ware, Hennepin county.
 GARMENT TEAMS—CLASS A—Anna Weldhauser and Ruth Baumgart, Dakota county. Jessie Saterbak and Viola Shuller, Traverse county.
 GARMENT TEAMS—CLASS B—Eleanor Andrews and Avis Hawkins, Hennepin county. Marion Oppegaard and Esther Huseby, Chipewa county.
 ROOM FURNISHING TEAM—Olive Smith and Marie Sherf, Hennepin county.

Northeastern

ADVANCED BREAD TEAM—Jenny Koski and Julia Tetric, St. Louis county.
 GRAND CHAMPION BREAD TEAM—Saima Koski and Genevieve Lawson, Itasca county.
 CHAMPION A BREAD TEAM—Ilma Wehka and Verona McCamus, St. Louis county.
 CHAMPION B BREAD TEAM—Wilma Flom and Rose Sampson, St. Louis county.
 CAKE TEAM—Dorothy Vannett and Christine Kurjy, Itasca county.
 CHAMPION CAKE INDIVIDUAL—Joseph Milos, St. Louis county.
 GARMENT TEAMS—CLASS A—Janet King and Elsie Bunnell, Itasca county. Mary Hall and Susian Tonheim, St. Louis county.
 GARMENT TEAMS—CLASS B—Anna Woiel and Mary Terebenetv, Koochiching county. Martha Green and Mildred Austin, Pine county.

ROOM FURNISHING TEAM—Ethel Moberaten and Lillian Lindrud, St. Louis county.
 THRIFT INDIVIDUAL—Dorothy Johnson, Carlton county.

Northwestern

ADVANCED BREAD TEAM—Bertha Strande and Bertha Christopherson, West Ottertail county.
 GRAND CHAMPION A OR B BREAD TEAM—Beulah Plummer and Twylah Plummer, Clay county.
 CHAMPION A—Lois Edgar and Pearl Brown, Marshall county.
 CHAMPION B—Alta Casady and Louise Hois, Hubbard county.
 CHAMPION CAKE TEAM—Esther Peterson and Harri Peterson, Kittson county.
 CHAMPION CAKE INDIVIDUAL—Carol Hemmingson, Kittson county.
 GARMENT TEAMS—CLASS A—Sylvia Madson and Edna Hanson, Clay county. Lucille Johnson and Marion Peterson, Marshall county.
 GARMENT TEAMS—CLASS B—Mildred Finney and Margaret Reese, Kittson county. Ruth Anderson and Alice Wheaton, West Ottertail county.
 ROOM FURNISHING TEAM—Florence Ostlund and Dorice Swenson, Marshall county.
 THRIFT INDIVIDUAL—Frances Wasche, East Ottertail county.

MOTHER OF DIRECTOR PECK DIES SUDDENLY

Members of the extension staff joined with other friends on Friday afternoon, August 12, in paying tribute to the memory of Mrs. U. A. Peck, mother of Director F. W. Peck. The death summons came very suddenly from a heart attack on Tuesday, August 9, and was a crushing blow to members of the family. When Director Peck left for Washington a day or so before, his mother was apparently in usual health. Several weeks earlier she had spent a happy time with him and his family at a lake resort in the north.

Rev. Mr. Kennedy, of Plainview, a life-long friend of Mr. and Mrs. U. A. Peck, officiated at the services which were held at the family home at 826 Iglehart avenue, St. Paul. The love and respect of many friends were shown in the exquisite floral tributes which nearly concealed the casket. The interment took place at Forest cemetery.

Mrs. Peck was born at Acton, Indiana, August 18, 1859, and was a resident of St. Paul many years. Besides her husband she is survived by two sons, two daughters and nine grandchildren, all residents of St. Paul. Director Peck, who had been called to Washington by official duties, was soon summoned home by a telegram, but returned to the capital on Sunday evening following the funeral.

Smith and Neil Call

Recently R. R. Smith, former county agent of Yellow Medicine county, and J. E. Neil, former county agent of Redwood county, were callers at the agricultural extension offices at University Farm. Mr. Smith served as the first county agent of Yellow Medicine county during the years of 1918 and 1919, following which he was employed on the staff of the Northwest School of Agriculture at Crookston. After a period of two years' service there he was engaged as the county agricultural agent of Manitowoc county, Wisconsin. After three years of service in Redwood county as the first county agent, Mr. Neil went to Iowa and for several years was engaged in farm bureau organization work, later as a county agent. The last few years he has been farming at Long Grove, Iowa.

How to Play Studied by Farm Club People

The sixth annual Recreational Institute of St. Louis county, held at Pike Lake July 12, 13, and 14, was a continuation of the program of leadership training which is being approached in several ways in that county.

The plan of the institute was to have one or more delegates from each farmers' club attend and take instruction on points brought out in regard to rural leadership. Representatives of 35 farmers' clubs were present at one or more of the day sessions, and for the big evening pageant on the evening of the second day large numbers of others were present. The day meetings had an attendance of from 75 to 100 persons. The following program of the second day's work is indicative of the type of program followed throughout the conference.

8:45 Group singing
 9:00 Address, Director F. W. Peck
 9:30 Community song leading, Mrs. F. H. Cook
 10:00 Old time musical games, B. V. Beadle
 11:00 Harmonica instruction, Miss C. Moylan
 11:30 Report of clubs
 1:00 Music appreciation, Mrs. F. L. Ober
 1:30 Progressive game party, Myrtle Larson
 2:00 Volley ball tournament
 3:30 Picnic stunts, F. H. Marvin
 4:00 Water sports, F. N. Thorsen
 5:00 Song leading and harmonica work
 5:30 Camp craft, C. S. Chase
 7:00 Group singing and ukelele contest
 9:00 Pageant, "St. Louis County Under Four Flags"

The Recreation Institute is organized and planned each year by a committee consisting of the county extension agents and other persons interested in the movement. The instructors and all others connected with the program serve without any charge for their services, but the arrangement has been followed of paying the expenses of the delegates for their travel to and from the Institute and providing meals and lodging without charge to the delegates. The subjects followed have to do with recreation and it is in the leadership along these lines that the meeting functions; but the work is only one phase of the general program of instruction in leadership which is followed in the county in various ways.

Extension Daughter Weds

Miss Elizabeth Lois Culp, for many years multigraph operator in the extension division, was married August 4 to Hugh Firmage of Marshall, Minnesota, a graduate of the Minnesota College of Agriculture, class of 1927. A honeymoon trip by motor was taken to northern Minnesota points. Mr. and Mrs. Firmage have commenced housekeeping at Osceola, Wisconsin, where the bridegroom will teach agriculture in the high schools. Members of the extension staff extend them hearty congratulations and best wishes.

Weeds Given No Quarter

Matthews of Cottonwood says the war on weeds has been waged with greater determination and has accomplished more than for several years past. Farmers are co-operating actively with the weed inspectors.

Chicago Man Talks Turkey With Billings

Letter below, addressed to Dr. W. A. Billings, seems to carry its own explanation in adequate and perfectly understandable terms:

Chicago, July 16, 1927—As a prospective turkey raiser on a large scale I have read with intense and delighted interest your splendid article in the July Poultry Tribune. I enclose stamps for which please, oh please, send me soon your booklet called "Talking Turkey" and also your turkey News Letter. I congratulate you on the wonderful success you have attained in combating blackhead and all other turk diseases. Blackhead was the greatest bane to the turkey business that we encountered 20 years ago on our farms in Christian county, Illinois.

It is also an inspiration to me to learn that you don't have to provide a square mile of exercising territory to every hundred turks, or less maybe, for their healthy morning airing, like a moose or elk requires for himself lest he become constipated and bilious for lack of 40 miles a day of walking. Every so-called wisecracker who thought himself a half-baked authority on the rearing of turks told us that any turkey that was confined for the breeding season on a 40 or 80-acre field, no matter what feed and shelter he had, would for lack of exercise and mental stimulus die of melancholy, dry rot, bilious constipation, rheumatism, cramp colic, gastritis, crampy nerves, bog spavin, feather mange, moon blindness, dysentery, arterio-sclerosis, bots, lice and tapeworm, and some more that have passed through the sieve of my memory. It is appalling how much misinformation all these conceited wise men know.

I have always suspected that if turkeys were fed what they need and sheltered right and protected from vermin, both human and animal, and from fright that they could be raised in a sensible way just the same as chickens and ducks and geese. So your article convinces me that my common sense suspicions are confirmed.

Yours very gratefully,

Sheay and the President Meet

Sheay of Scott certainly got over the ground in two weeks of vacation. He reports to his chief at University Farm that he traveled 3,000 miles, did Yellowstone Park up brown, camped in the Black Hills of South Dakota, and shook hands with the president of the United States.

Board Members Study Extension

Roth of Crow Wing has been taking a "buggy ride" with the county commissioners. Members of the board and the agent scoured the county and studied alfalfa and sweet clover fields, better sires, new poultry houses, community halls, club work, etc.

"The Swift Flying Needle"

Thrift club sewing project girls in Faribault county have this year made 235 garments, mended 135 more, and remodeled 28. The value of their work is placed at \$1,203.75. The cost of the material used was \$642.60.

KELEHAN BECOMES AN INSURANCE DIRECTOR

Following nearly seven years of signal county agent service in Lyon county, Louis Kelehan became state director of the Mutual Automobile Insurance for the Minnesota Farm Bureau Federation, beginning August 1, 1927.

Mr. Kelehan possessed such splendid qualities of leadership that his entire county, farmers, farmers' wives, the boys and girls, as well as the townsmen of the county became intensely interested in the fine piece of extension work being done. His work nearly approached the ideal in that it set forces in motion that will persist long after he has gone from the county.

Mr. Kelehan is a graduate of the University of Minnesota, 1918, and previous to engaging in county agent work served as high school agriculturist for one year at South St. Paul and for almost two years at Tracy.

PECK ON IMPORTANT MISSION AT CAPITAL

That was a fine compliment paid Director F. W. Peck when he was invited by the Federal Bureau of Education of the Department of the Interior at Washington to assist in outlining and organizing a study of the agricultural extension activities of land-grant colleges of the United States. In gathering facts for the study and summary, he will visit several state institutions and will be away from Minnesota until about the first of October. Most of his work will be done at the national capital.

Henderson Recovering

The many friends of A. P. Henderson will be glad to learn that he is apparently recovering his health and strength on the Pacific coast. He was granted leave of absence from county agent service in Washington county because of poor health. In a recent letter written at Seattle to F. E. Balmer he says he is steadily improving.

Aamodt of St. Louis county has been inspecting alfalfa fields and recommends the plowing under of lime instead of disking in on the top soil. In fields where the lime was plowed under, the alfalfa has a better color and is in superior condition, he says.

DATES FOR EXTENSION FOLK

Sept. 3-10, Minnesota State Fair and Northwest Dairy Exposition.
 Sept. 19-24, Short course in cow testing work at University Farm.
 Sept. 26-Oct. 2, Waterloo Dairy Cattle Congress.
 Oct. 15-22, National Dairy Show at Memphis.
 Nov. 7-10, Junior Livestock Show at South St. Paul.
 Nov. 26-Dec. 3, International Livestock Exposition at Chicago.
 Dec. 1-10, Short course for ice cream makers at University Farm.
 Dec. 13-15, Annual extension conference at University Farm.
 Jan. 4-Feb. 15, Short course for creamery operators.
 Jan. 16-21, Farmers' and Homemakers' Week Short Course at University Farm.
 Feb. 23-March 3, Short course for advanced creamery operators.

FIVE MINNESOTANS AT THE POULTRY CONGRESS

The third World's Poultry Congress was held at Ottawa, Canada, July 27 to August 4, with delegates from all parts of the globe in attendance. Regular discussion sessions were divided into sections dealing with nutrition, marketing, disease, breeding and extension.

About 5,000 birds and educational exhibits from a dozen different countries were shown. Of these the Canadian and the United States exhibits were the largest and most complete. In the Indian exhibit were seen several of the original jungle fowls or Gallus Bankhiva. In the Egyptian exhibit was a full sized model of a brick incubator of a type the earliest known in artificial incubation of eggs. Canada and the United States showed in their exhibits the development of the poultry industry in the two countries.

The University of Minnesota was represented by Dean W. C. Coffey, Professor and Mrs. A. C. Smith, Dr. C. P. Fitch, and Miss Cora Cooke. Dr. Fitch presented a paper on the "Agglutination Test as Applied in the Control of Bacillary White Diarrhea."

Mineral Peddlers Cashing In

Swine diseases springing from contaminated soils have been far more troublesome in Faribault county this year than for some time past. Several herds have been wiped out by "necro." In his report for July, Agent Engebretson said: "Farmers are naturally of the opinion that something can be given in the form of a remedy to cure the hogs after they have once become affected. As a result, peddlers of all sorts of medicines and minerals are reaping a harvest."

Alkali Made Fruitful

For three years three acres of alkali soil on the farm of Theodore Olson in Rock county failed to produce a crop although planted carefully. This year Mr. Olson fertilized the tract with treble superphosphate at the rate of 125 pounds an acre and sowed it to barley. Now he reports he could see no difference in the stand of barley over his entire field, including the alkali acres.

Grain Smut Losses Prevented

Rutford of Yellow Medicine county has been checking up on grain fields where smut was known to have caused damage last year, but which were planted last spring to seed which had been treated for control of the disease. Only traces of smut were to be found in the treated fields, he says, while two fields of oats which had not been treated had smutheads upon 15 to 25 per cent of the plants. Some farmers have learned by bitter experience this year that it pays well to treat seed grain before planting.

Big Dairy Meeting in Aitkin

The summer field day meeting held in connection with the dairy school at Tamarack, Aitkin county, was attended by about 150 farmer folk. Several dairy herds were visited and studied, the course of study was reviewed, and a dairy cattle judging demonstration given by R. L. Donovan, dairy specialist, who pronounced the meeting one of the best in his experience.