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EXPERIMENT STATION.

TEST YOUR SEED CORN.

The climatic conditions which prevailed during the last weeks, last summer, while the corn crop was ripening, were such that, despite the great size of the crop, it is found difficult to secure seed corn in sufficient quantities, the germinating power of which can be relied upon.

It becomes every farmer, then, who expects a fair crop of corn next fall, to exercise unusual care in the testing of his seed. He should not only select the most promising ears, but should test it ear by ear.

TOBACCO IN MINNESOTA.

The Department of Agriculture at University Farm has been experimenting with tobacco for a number of years and has found that it has been successfully raised in various parts of the state.

SEED WHEAT FOR AFRICA.

The Experiment Station at St. Anthony Park is in receipt of an order from the Transvaal Department of Agriculture, South Africa, for 50 bushels of "Minnesota Wheat No. 163."

SEEDS TESTED FREE.

Seeds will be tested free of charge for purity and germination at the Minnesota Experiment Station Exhibit at the Conservation Congress to be held in St. Paul on March 16, 17, 18, 19, inclusive.

EXPERIMENT STATION AND CONSERVATION.

The Minnesota Experiment Station is preparing to have exhibits from all divisions at the Conservation Congress to be held on March 16th to 19th inclusive, showing the various methods of experimentation, dissemination of information, etc.

CORN FOR NORTHERN MINNESOTA.

The Experiment station at St. Anthony Park has developed a corn suitable for planting in northern Minnesota, known as Minnesota No. 23. Two years experience with it has

shown good results. The Experiment station is offering this corn to northern Minnesota farmers for 50 cents a peck, and limiting the supply to each farmer to a single peck.

CO-OPERATION.

The farmers of Reynolds, near Long Prairie, are organizing an egg selling association. Clean, uniform-in-size eggs are selling for five or six cents more than the commonly marketed eggs.

Farmers around Hutchinson are beginning to see the advantages of co-operation and are talking of an egg selling association. Those associations are finding profit in clean eggs of a uniform size by selling to city grocers.

CO-OPERATIVE EGG SELLING.

Several associations have been organized for selling the produce of the farm. Among these is one for disposing of eggs. One association is at Dassel and another at Barnum. The general idea is to produce larger and better eggs and market them in a systematic way.

EXTENSION WORK.

EXTENSION BULLETIN NO. 2.

Extension Bulletin No. 2 is now in press and will be available for distribution by March 1st. It contains a list of a large number of books on agricultural and home economics subjects.

Extension Bulletin No. 2, also other bulletins as published, will be mailed free on request.

AGRICULTURE AT GLENCOE HIGH SCHOOL.

Supt. C. G. Selvig, of the Glencoe High school, with Prof. Schaidt, instructor in agriculture, and Dr. Dorsey, a member of the legislature and of the Glencoe Board of Education, brought a class of 20 boys who have been taking a 4 months' short course in agriculture at the Glencoe high school to the St. Anthony school of agriculture.

AGRICULTURAL EXTENSION WORK AT GLENCOE.

Supt. Selvig, of the Glencoe high school, expressed himself as well pleased with the agricultural work done at Glencoe under the Putnam act. Supt. Selvig and his agricultural instructor have held a series of meetings in the rural school districts surrounding Glencoe.

men from the Extension Division. A round-up institute will be held at Glencoe under the supervision of the high school as a practical termination of the winter's work in agriculture.

FARMERS' CLUBS.

The first bulletin issued under the new law covering agricultural extension is now out of press and can be had for the asking absolutely without cost.

In a few days the February number will be ready for distribution, and when your name is once on the list each number will be promptly sent as soon as published.

GERMINATION TESTS.

The vitality of last year's corn is sadly deficient in germinating power. Samples received from different parts of the state at University Farm, show the germ to be black and dead, while the exterior of the ear may look very good.

No farmer need to plant uncertain seed. The Experiment Station at University Farm will send free of charge full instructions for testing the germinating power of seeds.

Many germination tests of seeds are being made for farmers at the division of plant pathology and botany of the University Farm. The importance of these tests to the farmer cannot be over stated.

The testing of seed corn is very important this spring. Not in many years has the question so closely appealed to the farmer as it does now.

Every farmer should make a study of the methods of testing the germination power of his seed, not only this spring but every spring.

The unfortunately limited facilities of the University Farm dining hall was again brought to the attention of the public a few days ago on the occasion of the visit of the Twin City Market Gardeners and the Glencoe High School short course students.

THE DAIRY DIVISION.

IMPROVEMENT OF DAIRY HERDS.

Every farmer is interested in his herd of dairy cows because of the money the cows bring him. Very few farmers, however, have any knowledge of what their cows are doing.

In reply to a question Dr. Lipp discussed navel disease at some length. This disease is caused by the entrance of germs into the colt's body through the stump of the navel cord.

several years. Through a long series of experiments the Department has found that the testing of individual cows, weighing their milk and testing it is practical and necessary if one is to breed up his herd intelligently. The Department now recommends the organization of co-operative cow testing associations in any neighborhood where a sufficient number of cows is kept.

The tester can visit one herd one day and then the farmer can take him to the next, and so on until he has gone the rounds of the neighborhood once each month. At the end of the year each farmer will have a record showing a losing or winning game on the part of each cow, besides having been educated in various branches of the industry.

The Division of Agricultural Extension, University Farm, St. Paul, will gladly give all assistance possible in the organization of such associations, and assist farmers in procuring practical men in the work of testing and dairying.

VETERINARY.

TRANSMISSIBLE DISEASES AMONG HORSES.

One of the interesting lectures before a class of farmers recently at University Farm was by Dr. Lipp, of the veterinary division, on the subject of Transmissible Diseases Among Horses. He divided spavin and kindred bony diseases into two classes. In the first class he placed those that result from injury and in the second those that result from faulty conformation.

On the other hand, if by reason of faulty conformation, a horse develops a spavin, when employed at ordinary work, the offspring from such horse would not inherit spavin, but would be predisposed to the disease on account of an inherited faulty conformation.

on the skin of the dam herself. He advised perfect sanitary conditions about the barn and stalls as the best preventative. He would thoroughly clean the stall in which the mare is to foal, and disinfect it with whitewash to which crude carbolic acid was added.

CHOLERA.

The hog cholera vaccine laboratory is nearly completed at the Experiment station of the University Farm. As soon as a little plumbing is completed Dr. Reynolds will occupy the apartments and prosecute his experimentation with this fatal hog disease.

FARMERS AT SCHOOL.

FARMERS' SHORT COURSE.

The Farmers' Short Course which has been in session at the University Farm for a month past concluded its studies recently. Their graduation exercises were held in the chapel at the regular morning hour, when President Northrop addressed them and presented their diplomas.

WHEREAS, we view with pride the splendid equipment and vast extent of our Experiment Farm and Agricultural School buildings, and

WHEREAS, we feel the need of a more active interest of our farming communities, (even at this time of awakening of agricultural development) in this, our School of Agriculture, and

WHEREAS, we desire to recommend to our fellow farmers at home the opportunities that are here given for an acquirement of advantageous and advanced scientific ideas in farm handling on a profitable basis, in this, our Short Course of Agriculture system, and our Correspondence School and Extension system, as well as the college courses in our Collegiate Department,

NOW, THEREFORE, BE IT RESOLVED, that we extend to our instructors who have at various times appeared before us, our heartfelt thanks for all their conscientious efforts for our advancement, and be it

FURTHER RESOLVED that we, through our University Farm Press News, and the press of the state in general, extend an earnest invitation to our fellow farmers at home, and their sons and daughters to avail themselves of the Short Course in Agriculture, the School of Agriculture, and the advantages of our our Experiment Station in their every day farm life, and be it

FURTHER RESOLVED, that we look forward to a still greater agricultural development in this, the great state of Minnesota, and the great Northwest.

MISCELLANEOUS.

The Twin City Market Gardeners held their annual convention at University Farm the other day and listened to lectures by several of the college professors on subjects of insects, diseases and kindred matters affecting the growing of garden products. Many of the gardeners were accompanied by their wives.

Dean Woods of the Agricultural Department of the University is advocating an electric line between the college of agriculture and the university, with power to be supplied by the electric plants of the two institutions. He regards the present loss of time in going from one institution to the other as great waste. Since the two have so much interchange of business the loss of time to both students and instructors is so great as to retard the development of the fullest possibilities at each place.