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NORTHEAST EXPERIMENT STATION.

An Acre of Land in Northeastern Minnesota, when cleaned of stumps, will usually go far toward paying for the cleaning with the first year's crop...

In Raising Pigs in northeastern Minnesota, as practiced at the experiment station at Grand Rapids, it is important to remember that some of the most profitable food is clover pasture and skim milk.

Eight Pigs Per Sow have been raised at the Northeast Experiment Station at Grand Rapids the past three years. The Yorkshire breed is noted for its large litters and strong constitution.

Bacon Hogs.—The Experiment Station at Grand Rapids is raising bacon hogs—Improved Yorkshire, and practices having their sows farrow in March and April.

ORGANIZATION AMONG FARMERS.

Farmers' Clubs.

The report of the Farmers' Clubs of Meeker County, reaching the Extension Division of the Minnesota Department of Agriculture, shows the shipment of a car of stock every week and the receipt by the farmers co-operating of the entire proceeds of the shipment...

Dassel has a club that has recently tested one hundred and fifty head of cattle for tuberculosis. It maintains a system of cow-testing for milk production.

tility, better care of stock are among the subjects of frequent discussion, and attract new members.

The Live Farmers' Clubs in Meeker county, where there are twenty or more co-operative creameries and elevators, have become associated in a central league.

EXPERIMENT STATION.

SUMMER SCHOOL AT UNIVERSITY FARM.

A summer school at the Minnesota Agricultural College at St. Anthony Park will begin on June 20th and continue until July 29, to give agricultural instruction to school teachers, principals and superintendents of schools.

FARMERS' SHORT COURSE.

The faculty at the college and school of agriculture at St. Anthony Park, is already preparing for the Farmers' Short Course next winter, when a much larger attendance is anticipated than ever in the past.

Prof. Mayne is having the basement of the dining hall reconstructed so that less trouble will be experienced next winter.

Instruction in the Origin of soils, their physical make-up, movements of soil water and tillage; the seed—its parts, germination, selection and storage will be given at the teachers' summer school at the Minnesota Experiment Station, St. Anthony Park, beginning June 20th.

Domestic Art and Domestic Science will be two of the subjects taught young ladies attending the summer school and college of agriculture, St. Anthony Park, from June 20th to July 29th.

Write Prof. D. D. Mayne, University Farm, St. Paul, for Agricultural Summer School bulletin.

ENTOMOLOGY.

CUT WORM DESTRUCTION.

The State Entomologist, Prof. F. L. Washburn, says that some relief may be had from cut worms by the use of poisoned baits, made and applied as follows: Make a bran mash, sweeten with molasses or brown sugar, and add enough Paris green to make it a decided green color.

various parasites and predaceous insects attack them. In the case of field crops, where it is possible, frequent cultivation will turn the worms up, enabling birds and other enemies to prey upon them.

PINTSCH OIL FOR GOPHERS.

In Colorado prairie dogs have been destroyed with bisulphide of carbon gas in a manner similar to the experiment tried in Minnesota at University Farm on pocket gophers.

THE POCKET GOPHER.

Bisulphide of carbon on a piece of burlap or oakum, thrown quickly down a pocket gopher's burrow, preferably when the soil is moist.

DON'T KILL THE TOAD.

Prof. Washburn of the Minnesota division of Entomology at University Farm finds toads to be friends of the farmer. They feed entirely upon an incredible number of insects.

AGRICULTURE.

FIGHT QUACK GRASS NOW.

Get to work now on the small patches of quack grass. Set them apart for special attention during the rest of the summer. Keep the underground stems from being dragged to other parts of the field.

Fodder Corn.—At the Minnesota Experiment Station it is thought that fodder corn may be planted this year up to the 10th or 15th of June. It will yield several more tons per acre than hay.

strued as suggesting the harrowing of field corn. Such harrowing is regarded at the Station as bad practice. Cultivate the fodder corn every week through the growing season.

Seed Corn Week, Sept. 19th-24th, 1910.

Are you really interested in having better seed corn for next season? Would you be willing to assist in boosting the reputation of our state along the line of production and particularly along the line of corn?

We need to make this "seed corn week" a state-wide movement.

Reports received at the Minnesota Experiment Station at St. Anthony Park from Minnesota Farmers who raise large yields of corn and potatoes show that the cultivation of corn immediately after planting...

Harrowing corn is not recommended, but if farmers persist in this practice, it should be done when the corn is dry.

Harrowing should not be done when the land is wet and weather cold. Care must be exercised not to thin out the stand when harrowing.

The Old Method of Cultivating corn

was to go over the field with a drag when the corn was just coming up. This method is no longer recommended by the Minnesota department of agriculture.

Over a period of nine years' experimentation at the Ohio station, shallow cultivation of corn shows a lead in grain harvested of four bushels per acre over deep cultivation during that period.

Bull Thistles, Common in Pastures, cannot always be killed by mowing. Mowing tends to prevent maturity of seed.

Kill the weeds in the corn and potatoes. Weeds take up moisture the crops need and prevent the circulation of air thus encouraging the spread of plant diseases.

Killing Weeds is but one object of cultivating corn. While important to kill weeds the preservation of moisture in the soil is equally so, and is done by shallow and frequent cultivation.

Frequent and Shallow Cultivation of corn at the Minnesota Experiment Station shows best results at husking time.

Cultivate Corn Often to save soil moisture is advised by the Minnesota Experiment Station.

BOTANY AND PLANT PATHOLOGY.

SPRAYING OF DANDELIONS.

For the past two years iron sulphate has been used at the Minnesota Agricultural Experiment Station for the eradication of dandelions in lawns.

connected with the spraying. Iron sulphate at the rate of 1 1/2 pounds to 1 gallon of water is the proper proportion to use on the lawns. The spray should be applied with a sprayer which gives a very fine, mist-like spray.

W. L. OSWALD, Minnesota Experiment Station.

The Division of Botany and Plant Pathology has just prepared a novel weed seed collection of twenty-four seeds, including seeds of quack grass, Canada thistle, mustard, etc.

HORTICULTURE.

Strawberries.—The Minnesota Experiment Station has had best results by cultivating the strawberries set out in the spring, and by picking off all blossoms that appear during the first year.

ANIMAL HUSBANDRY.

SCOURS IN PIGS.

The Minnesota Experiment Station at St. Anthony Park has found the cause of scours in little pigs to come largely from over and irregular feeding, together with sudden changes in food.

Lighter feeding is the remedy rather than drugs. Sudden changes in the ration should be avoided, but the amount of food should be gradually increased from day to day in proportion with the pig's development.

The Minnesota Experiment Station does not recommend the killing of an animal for the purpose of human food within twenty-four hours after feeding.

DOMESTIC SCIENCE.

ANOTHER LESS THAN A DOLLAR DINNER.

Four college girls of Miss Shepherd's senior class in domestic science, gave the last of the class dinners, of the college year, recently, in the Domestic Science Building, at the Experiment Station, at St. Anthony Park.

In setting hen eggs for incubating artificially, the Minnesota Experiment Station has found best results by selecting eggs of a uniform size, with smooth shells and as perfectly formed as possible.