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ORCHARD AND GARDEN April 1 to 8

Zinnias make good bedding plants as well as cut flowers. They may be started from seed now. Queen-of-the-Market asters are best for pot plants. They are also among the earliest for outside planting.

ORCHARD AND GARDEN April 8 to 15

Give cauliflower, cabbage, and celery plants plenty of air. Has the orchard been sprayed yet? Keep tulips covered until they begin to grow into the covering.

100 HIVES OF BEES ARE WORTH A FARM

One hundred hives of bees are worth as much as, or even more than, an 80-acre farm, says Francis Jager, chief of the division of bee-culture, University Farm, St. Paul.

HIGH PRICES CREATE INTEREST IN BEANS

With common field beans like the navy, bringing from \$6.50 to \$7.50 a bushel, interest in the bean has greatly increased. Even under average conditions, however, with such beans bringing \$2.80 a bushel, they can be produced at a fair profit, says A. C. Army of the Minnesota experiment station.

ANIMAL DISEASES COSTING MILLIONS

The annual report of A. F. Woods, director of Minnesota's Experiment Stations, just from the printer, calls attention to the fact that Minnesota annually loses millions of dollars through livestock diseases, and that the experiment stations have been waging a war of prevention to stop this loss.

"BABY" PROGRAMS AID CHILD WELFARE

"The holding of baby or child welfare programs is a good way to induce communities to take official steps for the prevention of infantile paralysis, spinal meningitis, and other diseases so disastrous to babies and young children," says Dr. I. J. Murphy of the Minnesota Public Health Association.

THIS THE SEASON TO PRESERVE EGGS

This is the time of year to preserve eggs for home use. About half of the eggs of the whole year are produced during March, April, May, and June. Eggs laid at this season are the best for preserving.

PHRASE IS "KNOT" IN DRAINAGE LAW

"The phrase 'for the public,' and a lack of understanding are the chief causes of trouble in carrying out the drainage laws," says John T. Stewart of the agricultural engineering department of the University of Minnesota.

FARM GARDENS PAY HANDSOME PROFITS

The garden every year is becoming a more important part of the up-to-date farm. The reason for this is that more and more farmers are seeing in it a source of big profits. A half acre garden, for example, can give a net profit of about \$45.

EDITORS FAVOR SIMPLER SPELLING

The Minnesota Editorial association at its annual meeting in February voted to recommend to the editors of the state the use of the simplified spelling of the following words: Tho, altho, thru, thruout, thoro, thoroily, thoroifare, program, prolog, catalog, pedagog, decalog.

SHEEP MAKE GOOD HELPERS ON FARM

Sheep are good farm help. They will range a farm from early spring until late fall feeding off weeds and growths that other stock will not touch. A small flock will mow the orchard and keep down the weeds about windbreaks, fences and buildings.

OPPORTUNITIES FOR THE SMALL FARMERS

Minnesota grown sorghum, soy beans, Grimm alfalfa, Canada field peas, navy beans, beet seed, and sweet clover are in large demand, because of their early maturity and other desirable characteristics. This demand opens the way to good profits for the careful Minnesota farmer, says C. P. Bull of the Minnesota Experiment Station.

STANDARD WIDTHS FOR WAGON TIRES

According to traction tests made by the United States Department of Agriculture, described in Circular 72 of the office of the secretary, wagon tires should vary in width according to the loads they are supposed to carry.

Table with 3 columns: Type of Wagon, Gross weight loaded Pounds, Width of tire Inches. Rows include 1-horse wagon, Light 2-horse, Medium 2-horse, Standard 2-horse, Heavy 2-horse.

DAMP HOME MEANS DEATH TO CHICKENS

Great care must be taken to keep dampness out of the chicken houses of Minnesota this spring, says N. E. Chapman, University Farm. Waterways should be dug around chicken houses, so that the melting snow may run away from the foundation.

CUT-OVER TRACTS GIVE GOOD PASTURE

The high price paid for forest products recently has led many farmers to cut-over a good deal of land and to cut close. Instead of letting the brush and debris remain a fire trap, the land cut-over should be cleaned up for pasture in 1918 and later it should be "stumped" and sown to crops, says M. J. Thompson, Northeast demonstration farm, Duluth.

CARE OF PASTURE CUTS DAIRY COST

The cost of feeding the dairy herd in summer can be greatly reduced by giving to the pasture proper care and management, says H. H. Kildee, Minnesota experiment station. On about 98 per cent of the farms the pasture is the most neglected area, and yet on this very area it is possible to double milk production most easily.

CHAUTAUQUAS UNDER CO-OPERATIVE PLAN

Several Minnesota towns are considering a cooperative method of managing their chautauquas in connection with the general extension division of the University of Minnesota. The plan is to group several towns desiring chautauquas. Each community will have entire control of local finances, and will have an equal voice in the management of the affairs of the central association.

WARNS FARMERS OF UNKNOWN SEED MEN

Agents purporting to sell Wisconsin pedigreed oats and possibly other seeds have been working in southern Minnesota, according to reports received through the Minnesota Crop Improvement Association by C. P. Bull at the Minnesota experiment station.

MIRACLE WHEAT'S WORTH QUESTIONED

Seed wheat advertised as Miracle, Alaska, or Wonder wheat and claimed to produce large yields of grain should not be purchased by Minnesota farmers. Claims that this wheat is superior in yields to the wheats commonly grown in the state, such as Marquis, or Blue-stem, can not be substantiated.

\$5,000,000 A YEAR IN SHORE FORESTS

It is estimated that the lake shore forests of Minnesota, simply by their presence, will be worth to the state more than five million dollars a year if they are kept intact. This is because these forests will add enormously to Minnesota's rank as a summer resort.

"U" EXTENSION WORK Described in New Bulletin Issued by the General Extension Division

How the University of Minnesota extends its campus to the boundaries of the state, offering scores of courses, practical as well as cultural, through the general extension division, is told in an illustrated booklet issued by the division, under the title "University Extension, What and Why."