

ED Apr 14-30, 1943

AGRICULTURAL EXTENSION SERVICE  
UNIVERSITY OF MINNESOTA  
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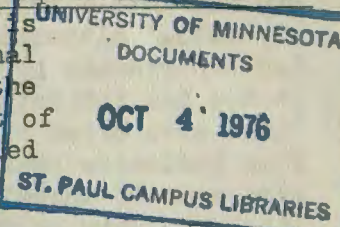
For period

April 14-April 30

Office of  
Publications

## EXTENSION DIGEST

This digest of selected press and radio releases is intended primarily to keep editors and professional workers in general touch with the activities of the Agricultural Extension Service and the Department of Agriculture, University of Minnesota. For detailed information on topics referred to, please ask for copy of original release.



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April 14 -- PASTURES REDUCE FEED COSTS -- Providing good pastures for horses will reduce feed costs and improve the working condition and breeding efficiency of horses, says A. L. Harvey, in charge of the horse section at University Farm. Wheat, oats, and barley will furnish good pasture for temporary grazing from the time it is six inches high until it begins to go to seed. The grain mixture can be sown again in late August with winter varieties for late fall and early spring pasture. To supplement the temporary pastures, grass pastures or some oat straw and hay in feed racks should be made available for horses and mules, Harvey says.

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April 14 -- FARMERS URGED TO PUT UP FUEL WOOD -- It is not too early to begin looking ahead to next year's supply of fuel wood, says Parker Anderson, extension forester at University Farm. With the domestic fuel situation becoming more serious, farmers are being urged wherever possible to put up their fuel wood for next year now and give it a chance to season properly. Everywhere that wood is plentiful, it should be used next winter to conserve coal and fuel oil, says Anderson, who adds that steps taken now will prevent a shortage of seasoned wood for the coming year.

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April 14 -- CHOOSE CROPS SUITED TO PARTICULAR FIELDS -- Wise choice of crops best suited for each field will help farmers produce maximum yields in 1943, according to M. L. Armour, extension agronomist at University Farm, who adds that adaptability of crops to those that have preceded them is also important. On rich land, corn or flax can be more successfully grown than oats or barley, since the latter frequently lodge so badly because of excess nitrogen in the soil that part of the crop is lost. On the other hand, soils depleted of nitrogen may produce more if planted this spring to well-inoculated soybeans, which will supply their own nitrogen.

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April 19 -- CRIM GIVES ADVICE ON CORN SITUATION -- Success of the 1943 corn crop will depend a great deal on best possible use of the limited amounts of adapted seed available this year. Much corn tested this winter has germinated only 60 to 80 per cent, and there have been recent reports of seed losing life rapidly after testing. R. F. Crim, extension agronomist at University Farm, suggests these measures to meet the seed corn situation: (1) Test all seed for germination a short time before planting. (2) Use adapted varieties even if it is necessary to accept low germination seed and increase the rate of planting to get a good stand.

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April 20 -- FARM RECORD WINNERS ANNOUNCED -- Francis Thompson, Kensington, has been named state champion of the Minnesota 4-H farm record project for 1942, in which 200 members participated, A. J. Kittleson, state 4-H club leader, announced today. Winner of the home accounts project is Lilly Rosenberg, Fairmont, who will receive a \$25 war bond. As an award Francis will receive a trip to the National 4-H Club Congress

Cooperative Extension Work in Agriculture and Home Economics, University of Minnesota, Agricultural Extension Division and U. S. Department of Agriculture Cooperating, Paul E. Miller, Director. Published in furtherance of Agricultural Extension Acts of May 8 and June 30, 1914.

in Chicago. Blue ribbon winners in the farm record project are Nathan Goodwin, Austin; LeRoy Haugh, Easton; and Neola Grinager, Westbrook.

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April 20 -- LOSSES FROM BABY PIG DISEASE CAN BE REDUCED -- Feeding baby pigs sugar may cut down losses in early spring from "baby pig disease," sometimes called hypoglycemia. Although cause and cure of the trouble are still uncertain and no controlled experiments have been carried through at University Farm, investigation in some states has indicated that death is due to abnormally low sugar content of the pigs' blood soon after birth. Experience with the trouble in the swine herd at University Farm indicates that sugar feeding of affected pigs will reduce losses. E. F. Ferrin, professor of animal husbandry at University Farm, points out that symptoms are most likely to show up from three to ten days after pigs are farrowed, nearly always early in the season before pregnant sows have had access to pasture. The trouble may appear even if sows seem normal and healthy.

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April 20 -- EDITORS TO HEAR WAR CORRESPONDENT -- Alvin J. Steinkopf, noted Associated Press war correspondent and CBS news analyst, will be the headline speaker at the banquet of the twenty-seventh annual Editors' Short Course at the University of Minnesota, May 7 and 8. Paul E. Miller, director of Agricultural Extension Service at the University and state agricultural manpower administrator, will talk at the luncheon Friday noon. Other sessions of the Short Course will be devoted to discussion of war-time problems of Minnesota newspapers.

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April 21 -- PREVENTIVE TREATMENTS PROTECT AGAINST CHOLERA -- Because hog cholera is still the No. 1 swine killer in this country, farmers are urged to take steps at once to curb outbreaks of this highly fatal disease which may break out in any place at any time. Three methods of protective vaccination are available at the present time, according to the Division of Veterinary Medicine at University Farm: the Serum-Virus, Boynton tissue vaccine (F.T.V.), and Crystal-Violet vaccines.

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April 21 -- HOW TO GET HIGH QUALITY WOOL -- Sheep producers who want high quality wool to sell must watch their methods of shearing and of caring for the wool after it has been sheared, according to P. A. Anderson, in charge of the sheep section at University Farm. Anderson passes on some suggestions to producers.

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April 22 -- BILLINGS TALKS ON VACCINATION -- Should horses be vaccinated this year for sleeping sickness? Five-minute talk by Dr. W. A. Billings, extension veterinarian. (First in a series of transcribed interviews for statewide use.)

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April 22 -- CUTTING DOWN ON MILKING TIME -- Dr. W. E. Petersen, professor of dairy husbandry, states that many cows can be milked by machine in two and one-half minutes, and, with few exceptions, not more than three and one-half minutes should be required to milk most cows. (Second in a series of transcribed interviews for statewide use.)

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April 23 -- IMPROVEMENT OF PERMANENT PASTURES -- Paul Burson, extension soils specialist, outlines steps for renovation of permanent pastures in southeastern Minnesota. (Third in a series of transcribed interviews for statewide use.)

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April 23 -- VICTORY GARDENING TIPS -- Eldred Hunt, extension horticulturist, suggests good practices for the Victory gardener. (Fourth in a series of transcribed interviews for statewide use.)

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April 24 -- SOW TESTING IMPROVES LITTERS -- H. G. Zavoral, extension animal husbandman, outlines methods and advantages of sow testing as a means of producing larger, healthier litters next year. (Fifth in a series of transcribed interviews for statewide use.)

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April 24 -- SUGGESTIONS FOR FOOD CONSERVATION -- Ina B. Rowe, extension nutrition specialist, suggests ways in which the gardener can best use the garden surpluses for a family food supply next winter. (Sixth in a series of transcribed interviews for statewide use.)

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April 27 -- NEW APPOINTMENTS TO STATE 4-H STAFF -- Appointment of Glenn I. Prickett, Morris and Margaret Fobes, Moorhead, to the State 4-H Club staff at University Farm was announced today by A. J. Kittleson, state leader. Prickett, whose appointment is effective May 1, succeeds E. W. Aiton, now in the armed forces, as assistant 4-H club leader. Miss Fobes will take over the work of Mrs. Juanita Silcox Johnson on June 1.

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April 27 -- BEEKEEPERS' SHORT COURSE, MAY 13-15 -- A short course for beekeepers will be given at University Farm May 13, 14, and 15. J. O. Christianson, director of agricultural short courses, announced today. Purpose of the course is to help beginners avoid the usual mistakes in beekeeping and to aid experienced beekeepers in increasing efficiency in production.

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April 27 -- SYSTEMATIC SPRAY PROGRAM IMPORTANT -- To spray or not to spray - that's the question being raised by many fruit growers in southern Minnesota and Twin City fruit growing areas. According to E. G. Sharvelle, University Farm plant pathologist, it is not yet time to spray apples, cherries and plums. However, in some parts of the state it is time to apply the first spray to raspberries and currants. Minnesota fruit growers, according to Sharvelle, are more alert than ever before to the value of following out a systematic spray program to prevent diseases or insects from becoming established.

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April 28 -- FOULBROOD DESTRUCTIVE TO HONEYBEES -- Minnesota beekeepers are being urged to stamp out American foulbrood, a destructive bacterial disease which has been increasing among colonies of honeybees in the state, says A. G. Ruggles, state entomologist, University Farm. Steps to control this disease are considered imperative now in view of the role played by bees in pollinating crops and thus increasing seed production.

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April 28 -- SHORTAGE OF SHEEP SHEARERS PREDICTED -- Despite the good attendance at sheep shearing schools held throughout the state during April, there will be a shortage of sheep shearers during the busy months of May and June. W. E. Morris, extension animal husbandman at University Farm, urges that farmers who will have sheep to shear get the job done early or make arrangements now for getting the shearing done later.

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April 28 -- TAKE CARE OF RUBBER GALOSHES -- If you're optimistic about the rubber situation, it's all right to throw your overshoes or galoshes into the closet until next winter without giving them a once-over. But since they will probably have to do for next winter, too, a little extra care right now may mean the difference between something good as new or no overshoes at all, says Eves Whitfield, clothing specialist at University Farm.

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WEEKLY - GARDEN AND TABLE - (Column of timely, practical paragraphs on vegetable and fruit production, canning and storage, and on foods and nutrition. Supplied to county extension agents for local release.)

#### DATES TO REMEMBER

High School Congress - May 6-8  
Editors' Short Course - May 7-8  
Beekeepers' Short Course - May 13-15  
Frozen Food Short Course - May 19-20

#### RECENT PUBLICATIONS

Copies available on request from county extension agents or Bulletin Office, University Farm, St. Paul, Minnesota.

DRYING FOODS AT HOME - Extension Pamphlet 102 (Revised April 1943) by Inez Hobart.

Eight pages. Information on new methods of drying vegetables and on sulphuring apples and brining kraut. Two tables with directions for drying vegetables and for refreshing and serving vegetables.

PHOSPHATE FERTILIZER RESULTS IN MINNESOTA - Extension Pamphlet 121 (April 1943) by Paul M. Burson, C. O. Rost, C. M. Kelehan, M. L. Armour. Eight pages. Farm demonstration trials conducted by the Extension Service and A. A. A. to determine the results obtained in Minnesota from the use of phosphate fertilizer.

FREEZING FRUITS AND VEGETABLES - Extension Folder 111 (Revised April 1943) by J. D. Winter. Eight pages. Information on the preparation and packaging of fruits and vegetables for freezing in the food locker.

HOME CANNING FRUITS AND VEGETABLES - Extension Folder 100 (Revised April 1943). Eight pages. Helps for successful canning of fruits and vegetables by using the pressure cooker and hot water bath. Time tables included with directions for processing.

VICTORY GARDEN - Extension Pamphlet 122 (March 1943) by E. M. Hunt and A. E. Hutchins. Eight pages. A terse guide for the victory gardener. Discusses seed, preparation of the soil, arrangement of crops, fertilizer, transplanting, thinning and cultivating, and watering. A table gives information on recommended varieties and tells when and how much to plant.

IMPROVED VARIETIES OF FARM CROPS - Extension Folder 22 (Revised March 1943). Twenty-four pages. A list of varieties of farm crops recommended for Minnesota by the Minnesota Experiment Station.

VEGETABLE GARDENING - Extension Bulletin 174 (Revised March 1943) by A. E. Hutchins. Thirty-two pages, illustrated. A comprehensive guide for the victory gardener, including directions for making a hotbed. Sections on insect pests and common diseases of garden vegetables. Planting tables.

PASTURE RENOVATION.- Extension Folder 115 (March 1943) by Paul M. Burson and Ralph F. Crim. Six pages. Suggested steps for renovating permanent pastures.

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