

## BULL PEN MODEL A RURAL CARAVAN EXHIBIT

Among the serious accident hazards on the farm is the bull. Tragedies are all too common because of unsafe methods of handling and housing the animal. An angry bull can kill in a matter of seconds.

One of the best precautions is a

strongly-built, well-planned bull pen. A model of an ideal pen will be on display when the Michigan State College Rural Progress Caravan stops in this area Tuesday, February 12, reports Karl D. Bailey, county agricultural agent.

The caravan will set up at the Pontiac Armory.

For best protection a bull pen should be put together strongly and the fence should be at least six feet high.

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# FARM FEATURES

## HOWARD McCracken NAMED CHAIRMAN BUREAU DRIVE

Howard McCracken has been named Farmington chairman of the Oakland County Farm Bureau membership campaign which is now under way.

Other township chairmen are as follows: Holly, Harold Mitchell; White Lake, Raymond Wheeler; Springfield, Frank Gromak; Brandon, Milton Miller; Highland, Lloyd Hewitt; Milford, Frank Winterhalter; Independence, Harold Dubler; Commerce, Carol Long; Lyons, George Haack; Avon, Clarence Gies; Waterford, Carlos Richardson; Novi, A. Heslop; Oxford, Lee Gardner; Addison, Howard Trickett; Oakland, Stuart Braid; Rose and Groveland, Howard Chanter and Lucius Lyons.

## Coryza A Threat To Poultry Flock

When coryza breaks out in the poultry flock, immediate steps to prevent its spread are called for. Two forms of coryza are common—the rapid-spreading form called simple coryza and the slow-spreading type, chronic coryza or roup.

One of the first symptoms in an infected flock is sneezing and shaking of the head. Slimy material may be found in the nostrils and on the beak, and the eyes are usually watery. A thin, watery or sticky material may cover the face and eyelids. With chronic coryza the "running nose" stage is soon followed by a swelling of the sides of the face and accumulation of mucous or pus under the eyelids, causing them to be pasted together. In simple coryza the condition does not progress beyond the "running nose" stage but in most cases secondary infection takes place. The fluid from the beak and nostrils becomes "cheesy," accumulating in the sinuses causing characteristic swelling.

The department of bacteriology and public health, School of Veterinary Medicine, Michigan State College, recommends these steps to control coryza:

1. Immediately isolate the diseased birds. Kill and burn those badly affected.

2. Check the hygienic and sanitary conditions in the poultry house. If the house seems damp and the litter continually wet, determine whether it is caused by faulty ventilation or a defective floor. Recovery is hastened if birds are kept in rooms or houses which are comfortably warm and without excessive dampness. Secure suggestions on poultry house construction and ventilation from the poultry husbandry department, Michigan State College.

3. To retard the spread of the disease and chlorine hypochlorite to the drinking water. Any good commercial chlorine disinfectant is satisfactory. Follow the manufacturer's recommendations as to the amount to be added to the drinking water. To be effective the water should be changed at least twice a day. Chlorine will not cure the disease, but will merely help to lessen its spread.

4. Clean the house thoroughly. If the weather is not too cold, apply a disinfectant to the floors, perches, lower parts of the walls, drinking vessels and feeders.

## Orchard Pruning May Be Started

Orchardists with time to spare may wish to start pruning now, says T. A. Merrill, Michigan State College extension horticultural specialist. He suggests that apples, plums, pears and cherries may be pruned now, but advises delaying the pruning of peaches and grapes until after March 1.

All cuts should be made close to the main stem so that the wounds will heal more rapidly. Use a regular horticultural dressing material if a wound exceeds 2 inches in diameter. Do not use house or barn paint as a substitute because the cambium layer will be injured by the oil and healing will be prevented.

Fruit growers with apple trees to prune are invited to request a copy of Circular Bulletin 179, "The Thin Wood Method of Pruning Bearing Apple Trees," from either their county extension office or the Department of Public Relations, Bulletin Office, Michigan State College, East Lansing.

Mr. Merrill suggests that orchard owners might profitably visit their poison bait stations to make certain that a supply of bait is available for mice, and other rodents. The cut branches left from pruning operations help to reduce mouse injury to trees.

## PUSH BUTTON BARN CLEANING



George Amundson, extension specialist in agricultural engineering at Michigan State College, points out the advantages of the circular gutter cleaner. The device, which is now being used by a number of Michigan dairy farmers, cleans the barn automatically. This model will be displayed and in operation as part of the Rural Progress Caravan when it visits this county on Tuesday, February 12, at the Pontiac Armory.

## NIPPLE PAIL MAKES CALF FEEDING EASY

Calves that have been removed from their mothers can be raised the easy way; or, they can be raised the hard way.

Any farmer can choose the easy way by using a simple labor-saving device. One of these is a newly-developed nipple pail. It will be on display at the Michigan State College Rural Progress Caravan showing in this county Tuesday, February 12. County Agricultural Agent Karl D. Bailey reminds farmers that the caravan will exhibit at the Pontiac Armory.

The nipple pail makes calf feeding simple and saves time. Just fill the bucket, hang it on a peg and the calf does the rest. Then too, a calf nursing by this method doesn't suck its milk. The milk's proper height causes the milk to travel into the proper digestive canal, thus preventing the frequent digestive upsets that plague many calves.

## Top Quality Seed Supply Is Limited

Seed stocks are ample for the spring planting of most crops in Michigan, according to A. A. Johnson, extension farm crops specialist at Michigan State College. However, he points out that top quality seed of a number of varieties will be short of demand, and early purchasers will have the choice.

The most critical shortage appears to exist for alfalfa and clover seed. Supplies of hybrid seed corn are sufficient, but a large percentage of the seed is of inferior quality compared to that of other years. Michigan certified hybrid seed corn, which is of superior quality, will take care of about 25 to 30 per cent of hybrid seed needs. The remainder of the seed must come from other states. Much of this is expected to be inferior. Crops specialists estimate that about 20 percent of the hybrid seed corn planted in Michigan next spring will germinate below 90 per cent.

Corn growers wishing a list of hybrids suitable for their areas may ask their county agent for Extension Folder F-67, "Corn Hybrids Compared," or the folder can be obtained by writing to Bulletin Office, Department of Public Relations, Michigan State College, East Lansing.

Although the wet harvest weather cut the yield of certified Michigan beans nearly in half the situation is not critical, and enough good seed probably will be in supply.

As for oats, a fair supply of certified Huron, Marion and barley is to be had. Malt barley seed will be short.

A directory listing growers of certified seed can be secured from county agricultural agents or from the Farm Crops Department, Michigan State College.

## WEED KILLER EXHIBITED AT CARAVAN

A new weed killer capable of destroying dandelions and other broad leaved plants without injuring the grass in the lawn will be shown at the Rural Progress Caravan Tuesday, February 12, at the Pontiac Armory.

The new weed killer is known as 2, 4-D and will be available through local dealers this spring.

## RURAL PROGRESS CARAVAN COMING FEBRUARY 12

The Rural Progress Caravan is coming. Oakland County will be visited on Tuesday, February 12 by a score of farm specialists bringing with them over 100 exhibits of Labor-Saving Devices. Two trucks and two trailers are to haul 350 linear feet of displays, models and equipment to be housed for one day in the Pontiac Armory. The Armory is located 3 blocks south of the community market at the corner of Mill and Water Streets.

The main feature of the show

will be a display of machines, gadgets and labor-saving devices which have been used by farmers in Oakland County. The exhibit will be open between the hours of 10 a.m. to 4 p.m. Admission and Parking are Free.

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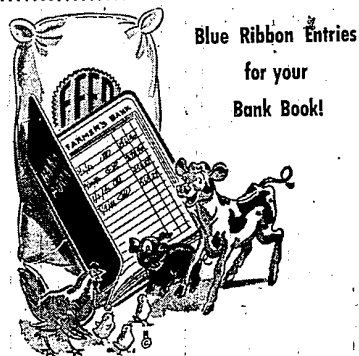
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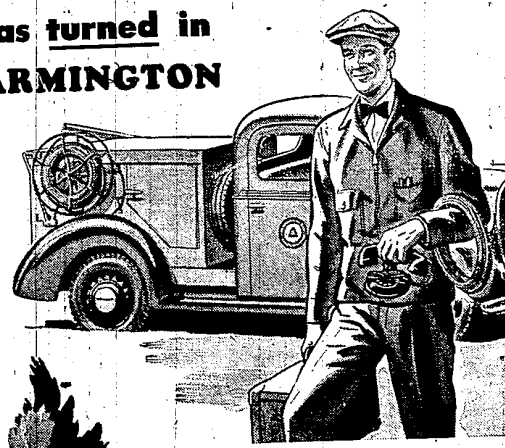
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The number of families waiting for telephones has begun to shrink.

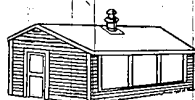
This good news is evidence of the progress you are making in Michigan Bell's 5-year \$120,000,000 expansion and improvement program. As more and more equipment and manpower become available, we intend to step up the pace of that program still further.

Before spring we expect to clear up virtually all orders which require only telephone instruments to provide service. This applies to a large percentage of the waiting applicants in this exchange area. To serve everyone, however, more outside wire and cable must be manufactured and installed. And that's a big job that will take quite a while longer.

If you're waiting for a telephone, you can be sure that we will install it in its proper turn—just as soon as we can. The waiting list is still long. But instead of growing longer, it should be getting shorter from now on.

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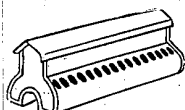
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