

**FARM REMINDERS**

The destructive peach and prune root borer is easily and cheaply controlled in Oregon by use of a

volatile poison known as para-dichlorobenzene, the experiment station announces. Full directions for use are sent out from the station from time to time.

Many of the best Oregon potato growers are now hill selecting their crops for seed, reports the experiment station. This has been the chief means of potato improvement for a century. The main virus is elimination of disease, not production of a new variety markedly different from the stock grown, for which the method has very little value. No one interested in growing disease-free, good cooking and high-yielding potatoes is advised to practice hill selection to develop a new variety.

The best remedy for rickets of Oregon fowls is exposure to sunshine, says the experiment station. When sunshine is not available the substitute recommended is adding cod liver oil to the mash ration at the rate of one pint to every hundred pounds of mash fed. This is not to be taken as a complete substitute for the sunshine but only as a temporary relief measure.

Blackhead of turkeys, somewhat common in Oregon, is best treated by giving all affected birds 10 drops of ipecac daily for three days in a little water the experiment station says. This treatment is to be given every bird as soon as it shows symptoms of the disease. The entire flock if the disease is present may be treated by giving one level tablespoonful of ipecac in the wet mash for each 20 turkeys once a week. Strict sanitation with use of new ranges where possible and kept separate from the chicken runs are helpful supplementary precautions, but only partial results need be expected in keeping down the disease.

**Agricultural Information.**

The United States uses more than 300,000,000 pairs of boots and shoes annually, with a value of approximately \$1,500,000,000.

Fire causes a yearly damage to the forests of the United States amounting to \$20,000,000, not including the harm done to young growth, watershed protection, and

**recreational and other resources.**

Tiling farm land will not always correct the evils of poor drainage. Open ditches sometimes will prove beneficial on soils when tile may be ineffective. This is true of those soil types which have subsoils consisting of dense, impervious clay which closes around the tile, sealing them as with paraffin or wax.

At least \$20,000,000 worth of farm property is destroyed by lightning in this country every year. That's the estimate of the farm fire protection committee of the National Fire Protective association. The committee points out that lightning rods, good, bad, and indifferent, cut losses 85 per cent, as compared with unrodded buildings.

The simplest plan to provide a more or less permanent pasture of sweet clover is to permit the crop to go to seed. After several years the surface soil becomes so full of sweet clover seed that a volunteer crop appears each year. Fields of this kind, which have been in sweet clover continuously for 10 or more years, are not uncommon.

Soil surveys help farmers to determine what crops and cultural practices are adapted to their lands. Furthermore an acquaintance with the important soil types of their locality together with their correct designations assists farmers in understanding the best use of fertilizer, and the cultural and crop-variety tests carried on by the experiment stations of the country.

The soybean has within the last 10 years become a crop of major importance in the United States. The plant can be raised successfully in any climate suitable to corn or cotton. It is grown regularly for hay, grain, and pasture, and with corn as silage. During the last few years oil mills in the corn belt and in some of the southern states have crushed fairly large quantities of domestic beans, and found ready markets for the oil and oil meal. Soybeans are also used to a limited extent for manufacturing breakfast foods, crackers, wafers, soy sauce, bean curd, soy flour, and special flour preparations.

Dairymen commonly feed skim milk to their calves until about six months of age. The time of weaning usually depends upon the condition of the calf and the availability and cost of milk. When milk is fed in abundance it furnishes the greater part of the protein necessary for the growth of the calf. If the feeding of milk is discontinued the necessary protein must be supplied by some other feed. Probably this can be done most economically by some legume, such as alfalfa, clover, soy bean, or cowpea hay. When hay of this sort is not available it is necessary that the grain mixture fed should be high in protein. During summer when good pasture is available the heifer needs no supplementary food, providing she is growing normally. A little hay and grain are sometimes advisable late in the season when the pastures are dry or short to insure steady growth.

**"Inside" Information.**

Try eggs baked in tomato sauce in a shallow baking dish for lunch or dinner.

If you need help with dressmaking problems, send for Farmers' Bulletin 1530-F, "Fitting Dresses and Blouses."

Cream for whipping should be 24 hours old, and should be very cold. The bowl and beater should be chilled in order to have successful results. Add sugar and flavor when the desired whip is reached.

Waxing or varnishing is said to improve the appearance of linoleum and to make it last longer. Wax should be used on the inlaid and plain kinds and varnish on the printed ones, for wax sometimes tends to soften the printed surface.

Many of the troublesome insects feed on crumbs, scraps, and other exposed food. So keep your food supplies in tight metal or glass containers. Clean up promptly any food crumbs that may be scattered about. Don't leave any food uncovered.

A chance bedbug is no disgrace, but a family of them is an indication of relaxed vigilance on the part of the housekeeper. If you have any, force kerosene, gasoline, or benzine into the cracks or crevices of the bedstead and along the moldings and baseboards of the room. Successive applications should be made every three or four days for about two weeks to kill any bugs hatched in the intervening periods.

To get rid of rats and mice begin by closing up all openings through which they are likely to get into the house. Store all supplies in tight metal or glass containers. Dispose of waste and garbage in tightly covered receptacles, regularly emptied. Get some barium carbonate, a poison, and distribute it according to the directions given on the package, by mixing it with foods frequently eaten by rats and mice, and placing it where it will be eaten.

Apples appear on the table in many forms during the early fall, for there are sure to be windfalls and imperfect apples which must be cooked to be saved. Some of these should be canned as apple sauce or pie apples, of course. In addition to pie and dumplings, some may be used for apple betty, apple cobbler, apple snow, Dutch apple cake, upside down apple cake, apple fritters, baked and steamed apples; others may be put into fruit salad or fruit cup; with the meat course one may have fried apples, sweet apples, or apples and cabbage. Stuffed baked apples are also suggested.

Children get into the habit of eating unsuitable food because the busy mother has not time to plan and prepare two separate menus. It is relatively easy, however, to plan menus composed of foods which are suitable for the children to eat, or to adapt the foods in the grown-up menu so that the children may eat them. For example, high flavoring and rich sauces may be omitted, fruits used instead of pastry, and milk desserts given frequently.

**92 Cows in This County Produced More Than 42**

High Pure Bred Cow Was on Hammer Brothers Farm at Deer Island; Record was 1302 Pounds.

A total of 641 cows were tested during the month of July, according to the report of L. J. Bartholomy, the tester. Their average production for the month was 737 pounds of milk and 29.6 pounds of fat. Ninety-two cows produced more than 40 pounds of butterfat during the month.

For herds of less than 10 cows, Jack Anliker of Goble was first with an average production of 1008 pounds of milk and 38.57 pounds of butterfat for six registered Holsteins. Fritz Anliker of Goble was second with an average production of 1176 pounds of milk and 37.22 pounds of butterfat for five registered Holsteins. A. R. Mells of Mist was third with an average production of 1142 pounds of milk and 35.63 pounds of fat for six grade Holsteins.

For herds of 10 to 20 cows, Paul Welter of Goble was first with an average production of 1052 pounds of milk and 40.2 pounds of butterfat for 18 grade Holsteins. Jacob Rietala of Quincy was second with an average production of 747 pounds of milk and 34.38 pounds of fat for 19 grade Jerseys. L. B. Eastman of Mist was third with an average production of 634 pounds of milk and 33.55 pounds of butterfat for 15 grade Jerseys.

For the herds of more than 20 cows, Beeson brothers of Clatskanie were first with an average production of 991 pounds of milk and 42.75 pounds of fat for 31 grade Guernseys and grade Jerseys. Hammer brothers of Deer Island were second with an average production of 1007 pounds of milk and 34.2 pounds of fat for 25 registered Holsteins. Borlin & Trachsel of Deer Island were third with an average production of 830 pounds of milk and 31.59 pounds of fat for 57 grade Guernseys and grade Holsteins.

The high pure bred cow for the month of July was Hillingdon, a three-year-old registered Holstein, owned by the Hammer brothers of Deer Island. Her record was 1550 pounds of milk and 65.1 pounds of fat.

The high grade cow was Jersey, an eight-year-old grade Jersey, owned by A. Wallace of Mist. Her

record was 1302 pounds of milk and 69.0 pounds of fat.

**Motor Association Gets Inquiries.**

An average of 2000 inquiries a day are answered by the Oregon State Motor association. About 25 per cent of these inquiries are answered by the Portland office while the remaining 75 per cent are taken care of by the 15 branch offices of the association, located at strategic points along the main highways of the state.

These inquiries range from a simple request for a map to the request for a complete itinerary for a six-months motor trip taking in the greater portion of the United States.

Information relative to accommodations at hotels in this section of

the country, rates at hotels and camp grounds, the making of reservations in Canada, the custom laws of Canada and Mexico and touring and road information, all are included in the list of calls answered every day by the association. Mail inquiries come from all sections of the country and these are meticulously answered at the main office in Portland.

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