

Farm and Garden

Feed dairy cows grain in order to get them in good flesh before calving. Usually 4 to 6 pounds of grain daily will be sufficient for heifers calving for the first time and 8 to 12 pounds daily for older cows.

A 6-pound hen laying 144 eggs in a year produces about 3 times her own body weight. For such hard work a hen must be vigorous and in the best of health.

Pedigree and appearance are not always safe guides in selecting a dairy bull. The only sure way is to choose a bull that has already demonstrated his ability to transmit high production. A bull whose dam and granddams are high producers and whose first five daughters excel high-producing dams is almost certain to continue to produce such daughters.

If the dairy cow receives hay alone as the roughage portion of her ration, feed about 2 pounds of hay for each 100 pounds live weight. If both hay and silage are fed, give 1 pound of hay and 3 pounds of silage per 100 pounds live weight. If roots are fed instead of silage, 3 pounds of sugar beets or 6 pounds of mangels per 100 pounds live weight will be sufficient. Feed grain at the rate of one pound daily for each 3 to 4 pounds of milk produced.

A few breeds of poultry, the Barred and White Plymouth Rocks, Rhode Island Red, White Wyandotte and Single-Comb White Leghorn, are kept to a greater extent than all other breeds and varieties combined. It is not, experts of the U. S. department of agriculture say, that these five varieties combine economic qualities superior to all other varieties, but they have gained wide popularity and have been bred to a greater extent than others. In fact the strain or breeding of the birds is more important than the breed or variety to which they belong.

Although autumn is harvest time for man, it often happens that early winter is harvest time for the rats that take toll of the crops stored in cribs, granaries, and barns. The best method of rat control is to make buildings rat proof and to clean up all likely hiding places and secluded homes of the rodents. Make it as difficult as possible for rats to find food, and then poison them, for the harder they find it to get food the more readily will they eat the poisons. Barium carbonate and red squill are the two poisons recommended by the Biological Survey of the United States department of agriculture. A request to the department of agriculture, Washington, D. C., will bring a copy of Farmers' Bulletin 1533-F, which gives details of the better methods of rat-proofing and poison-

ing. Information on fumigation, trapping, and the use of dogs in getting rid of rats is also included. In those sections of the country where natural ice can be harvested, every dairyman should store an abundant supply for the spring and summer. During early winter when work is not pressing on the farm, preparation should be made for the time when ice will be ready to cut. If the old ice house is in bad condition, repair and clean it so that it will be ready to use when needed. If you have no ice house, plan to build one. Locate the ice house in a shady place near the dairy house and where there is good natural drainage. If water from the melting ice is not removed, melting will proceed at a more rapid rate. If the house is built on sloping, porous ground, natural drainage should be sufficient, but if on a clay soil, artificial drainage should be provided. If you do not have an ice pond on your farm, see that a pond is provided if possible. Be sure the supply of water is pure. Prevent drainage from contaminating sources, such as privies, barnyards, and refuse heaps. Clear the pond or stream of vegetable matter; otherwise it will be frozen in the ice.

"Inside" Information

Velveteen is a cotton fabric of suitable weight for fall and winter dresses. It comes in dark and medium colors, which may be relieved by lighter, washable, collars, cuffs, vests, or other accessories. Corduroy which is similar to velveteen except for its ribbed surface, can be used in much the same way.

Children over three years old should have garments with a front opening to make self-dressing easier. Buttons should be fairly large in size and buttonholes should be firm. It is a good plan to reinforce bands where the buttonholes are to be worked. The buttons should be sewed on firmly and should have a long shank.

Baked bananas are a good mid-winter dessert. Skin six bananas, scrape them lightly to remove any stringy portion, and split in half lengthwise. Place in a buttered shallow baking dish, and pour over them a sauce made of 1-3 cup sugar 2 tablespoons melted butter, 2 tablespoons lemon juice, 1-8 tes-

poon salt. Bake in a hot oven until brown.

The first step toward remodeling an old kitchen is to think out a plan that considers the work to be done, how space equipment can be frequently efficiently arranged, and the relation of this room to the rest of the house. Careful planning will sometimes show that good results can be accomplished by re-grouping equipment, providing two sets of some of the smaller pieces, and refinishing the floor and painting the walls a lighter color.

Some silks and wools are spotted by water which dissolves a part of the weighting or finishing substance and leaves a ring. Sometimes these rings can be removed by scratching with the finger nail or rubbing with a stiff brush. Another method is to dampen the entire surface of the material by sponging with clean water or by shaking in steam from a briskly boiling teakettle, and then pressing while still damp. Still another method is to dip the entire garment in carbon tetrachloride, gasoline, or other solvent. Gasoline, however, should be used with caution because of the fire risk.

Is your boy in his "teens" always hungry? Scientists say it is quite normal for him to crave more food, perhaps, than any one else in the family. Because of his great activity he requires almost as much energy food as a grown man doing very heavy, active work. Also because a boy is growing very rapidly, he needs almost one and a half times as much food that supplies him with protein and minerals, as a fully grown man. Give him plenty of milk, eggs, fresh fruits and vegetables in addition to the energy foods that are usually present in his diet, such as bread and butter, cereals, and potatoes.

Farm Pointers

Bean weevil, prevalent in some places in Oregon, cannot be controlled in the field, the experiment station has found. Since the weavils multiply rapidly in the stored beans, fumigation with carbon bisulfide or heat is recommended. This treatment is applied as soon after the beans are harvested and dried as possible. The seeds then stored in weevil-proof bags or other receptacles.

Spring barley has given larger yields in western Oregon than any

other grain. The Oregon Experiment station recommends that much of the good land usually sown to oats be planted to Hanchen barley next spring. Growers wishing pure seed of recommended varieties of crops may apply to the Oregon agricultural college for a list of growers of certified seed. The college has inspected both field and threshed samples of practically all of the recommended varieties of crops and is able to give sources of pure seed.

Asbestos torches or torches made of burlap and soaked in kerosene can be used to go over fruit and shade trees and destroy wintering over nests of caterpillars and other pests. The experiment station reports the fall-web worm to be especially numerous on English and black walnuts this season.

Oregon poultrymen are careful not to feed laying flocks too heavily at this time of the year, as overfeeding may result in a decrease in production, says the experiment station.

The provision of green feed in laying houses in Oregon is important as some of the birds in the flock will not go outside for it.

Government is putting in nine emergency airplane fields south of Grants Pass.

Oregon's honey crop about 400 tons a year and of highest grade.

Oregon public utilities has valuation of \$238,000,000.

Waldport votes \$10,000 bonds for road from Alsea highway to beach.

Pendleton had only two fire alarms and \$80 fire loss during October.

Malheur County is building six new schoolhouses this season.

A cannery is proposed for the 1928 season at La Grande.

Astoria-Pacific Light & Power builds electric line into Clatsop valley.

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Forest Grove Connection—

Lv. Vernonia 8:00 a.m., 3:00 p.m., 5:40 p.m. Saturday and Sunday.

Lv. Portland 10:15 a.m. except Sun., 5:15 p.m. except Sun., 1 p.m. Sun. only, 7 p.m. Sun. only.

IN THE COUNTY COURT OF THE STATE OF OREGON FOR COLUMBIA COUNTY.

IN THE MATTER OF THE ESTATE OF

CHARLES H. BROWN, Deceased.

NOTICE TO CREDITORS

Notice is hereby given, that the undersigned has been appointed administrator of the Estate of Charles H. Brown, deceased, by the County Court of Columbia County, State of Oregon, and has duly qualified; All persons having claims against said estate are hereby notified to present the same duly verified, as by law required, to the undersigned at his office on Bridge street, in the city of Vernonia, Oregon, within six months from the date hereof.

Dated and first published November 10, 1927.

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W. A. Harris, Attorney.

J. M. CLARK, Administrator.

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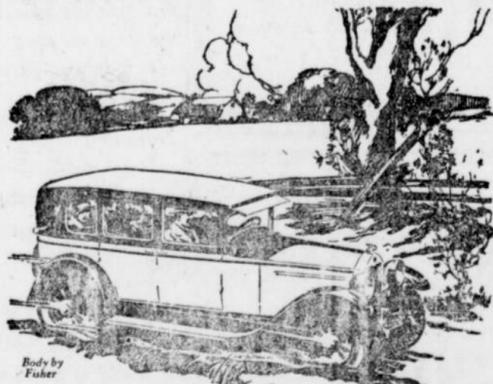
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