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Coquille

The Sunlit Moon Is Hot.

Recent estimates of the surface temperature of the moon while the sun is shining on it indicate, says Dr. D. H. Menzel, that the rocky surface may reach a temperature of 248 degrees Fahrenheit, which is well above the temperature of boiling water.

Harsh Punishments

Sometimes in the ancient days of Milan a fine was imposed for larceny; at other times the foot of the criminal was amputated. In cases of forgery the right hand was amputated, as a rule. Burial alive was the fate met by some forgers.

Value of Good Reading

Herbert Spencer and other philosophers have advised the daily reading of some page or even single paragraph of great literature, dwelling on the sublime, majestic and beautiful in nature and life as a means of purging the soul of pettiness, greed and vulgarity.

Israel's Glory

As the profoundest philosophy of ancient Rome and Greece lighted her taper at Israel's altar, so the sweetest strains of the pagan music were swept from harps attuned on Zion's hill—Bishop Thomson.

Don't Overfeed Calves

During First Two Weeks

Calves from the modern, highly domesticated dairy cow get too much nourishment in the first two weeks of their lives. That, as much as any one factor, explains why mortality rates are higher for calves, comparatively, than for other classes of stock.

Improvement in the digestive ability of the calf has not kept pace with the increasing richness of the milk. As a result a calf, if allowed free access to the cow for the first two weeks, will often overeat.

The best way to control this is to reduce the amount of milk given the calf at first. Increase the milk ration gradually as the calf grows older, and add a little alkali, such as sodium bicarbonate, to neutralize the acids formed by the excess of fat in the milk.

Dairy Notes

It's never too late to start keeping records on your cows.

A warm cow may not always be contented, but a contented cow is always warm.

It may not be necessary to feed grain after the calf has reached a year old if it is on good pasture.

A good ration may not make a poor cow profitable, but may make a lot of difference in the returns from a good cow.

The silo is indispensable for cheap milk production.

Start the new year right by keeping daily milk records and feeding each cow in proportion to her production and size.

A grain ration consisting of 30 pounds cracked corn, 30 pounds oats, 20 pounds bran and 10 pounds stailment makes an excellent mixture for calves getting mixed clover and timothy hay.

What \$2.25 Will Do

For \$2.25 you can have the weekly visits of the Coquille Sentinel and the Oregon Farmer—52 of each—for a year.

POULTRY FACTS

PRODUCE MORE EGGS IN WINTER SEASON

"The Redger state's winter egg production can be increased very noticeably per hen by carrying out certain easily followed plans," says O. M. Johnson, superintendent of the Wisconsin College of Agriculture poultry flock.

"We have discovered," says Johnson, "that pullets must be separated from the old hens to get the best possible egg production. If this policy is not carried out, the older hens will keep the pullets from their feed and boss them around so that they do not have a chance to get full development."

By letting the pullets run with the older fowls, there is also a great danger of spreading disease. This, too, is fatal to egg production. An underdeveloped pullet or one that is backward in her development should be sold, continues the poultryman. These pullets, as well as cockerels that are not to be kept for spring's breeding, do not as a rule pay their board.

"Skim milk is one of the greatest aids in egg production, and it should be used to the limit," says Johnson, "and each pullet should never be without plenty of milk, either sour or sweet." Washing the dish thoroughly each time before feeding is a precaution so as to guard from disease. When hens have all the milk they can drink, very little water is needed. In fact it is best, advises the poultryman, that pullets do not have water if they have all the skim milk they can drink. The milk will furnish them with water and at the same time the protein and minerals the pullets need.

Whole cabbages hung up in the scratching pens will furnish the green feed, but other greenstuffs also serve their purpose. Many poultrymen make the mistake of throwing large amounts of green stuffs on the floor where it gets moldy and dirty.

For the mash, which the pullets should have access to at all times, equal parts of bran middlings, yellow cornmeal, oats and beef scraps or tankage has given the best results. If the chickens have all the milk they can drink, the meat scraps and tankage can be cut to one-half part.

"A dry, well ventilated hen house free from mites and lice is important. The litter in the scratch pens should not be too deep at first as the pullets do not know how to scratch deep, or else will not. Yellow cracked corn is as good a scratch feed as one needs, but one-third of any other wholesome grain can also be added."

Ration Recommended for Making of Winter Eggs

The following ration for winter egg production recommended by the Missouri College of Agriculture, satisfies the needs of the hens and is economical and practical. During the past year it has been fed on a number of farms with good results: Scratch grains—ten pounds of shelled corn and five pounds of dry threshed oats. Dry mash—three pounds of wheat bran, three pounds of wheat shorts and one and one-half pounds commercial meat scrap.

Where milk is plentiful three gallons of skim milk or buttermilk furnished each 100 hens daily will take the place of meat scrap. Either milk or some form of less meat must be supplied in every ration for successful winter egg production. Commercial meat scrap can be obtained from most feed dealers in 100-pound sacks. One sack will supply protein needed by 100 hens for more than two months. Barley or feed wheat may be used instead of oats. Cornmeal or ground oats may be substituted for shorts in the mash. Alfalfa meal or clover leaves may take the place of the bran. A good grade of tankage may be used instead of the meat scrap. In feeding this ration all grains should be fed in deep straw to compel the birds to exercise. The mash should be fed in self-feeding hoppers or troughs and a supply kept before the birds. In addition to this ration, hens should have an abundance of water, a supply of green food and free access to sleep-grit and crushed oyster shells or soft limestone grit. With early hatched pullets, housed comfortably, and fed this ration, winter eggs are assured.

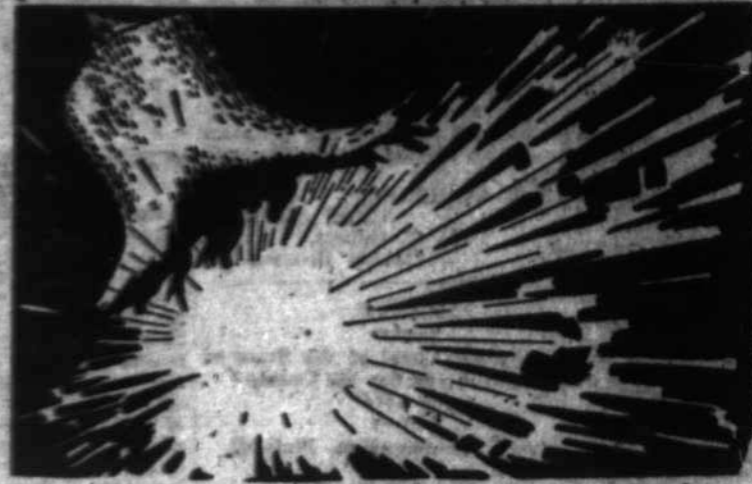
Plan of Line Breeding

Line breeding can be done by using the same ancestry or blood lines with careful selection that avoids the bad effects of inbreeding. The shade of difference between line breeding and inbreeding is sometimes very faint. Breeding the pullets of a mating back to the sire, and one of the cockerels back to the hen, is a strict line breeding, which is often practiced to establish certain qualities in a strain.

One Nest for Six Fowls

One nest should be provided for each five or six fowls, and even more if trap nests are used. Twelve by twelve inches is large enough and one-fourth-inch mesh hardware cloth is excellent for the bottom. Wall nests are to be preferred to those located under the dropping platform, but the wall nests require a top place at an angle of at least 45 degrees to prevent the chickens roosting on them. The runways along the front of the nests can also be made to fold up.

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KITCHEN BUILT TO MEASURE IN FARM HOME



Farm Home in State of Washington—Large Work Porch and Pump Near House.

(Prepared by the United States Department of Agriculture.)

A built-to-measure kitchen in a farm home in the state of Washington has attracted a good deal of attention, because the house management specialist of the extension service allied in drawing up the plans. The idea was not to have a "modern" kitchen, but a convenient home for the purpose intended.

Arranged to Show Steps.

Mr. and Mrs. E. E. Hutton are planning their home as a demonstration to show that an elaborate structure is not necessary to make a comfortable farmhouse. The state specialist proved that a plain building with an interior finish except the shoddy can be conveniently arranged to save steps for the farm woman and to lighten the burden of housekeeping. Three features were emphasized in the farm home. One is the well-arranged kitchen with all the working surfaces built according to the height of the woman who is to use them. Another is the well, close to the house, and the hand pump with little water to a tank in the garage and provides running water for the kitchen and bathroom. The third feature is the large work porch and the hall opening from it and connecting with the bathroom, living room and bedroom. The laundry tub, with the hot and cold running water, are placed on the porch. It is also large enough for the separator and churn and similar equipment. The hall opening from the work porch gives the farmer access to the bathroom without having to go through the kitchen.

Convenience in Every Home.

It is the aim of the state home management specialist, according to a report received by the United States Department of Agriculture, to urge that one of these conveniences be put in every farm home. The Marion house is one of several built-to-measure houses in the Telem district of Thurston county. The district was selected for the demonstration of the feasibility of made-to-measure, conveniently planned homes because the settlers now going in there represent the average, having limited financial means and needing a maximum of comfort and convenience for a minimum of expense.

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