

# The DAIRY

## COW NEEDS CARE IN WINTER TIME

### Much of Feed Given Animal Goes for Warmth.

Extra feed cannot be substituted for shelter for the comfortable cow is the profitable cow. When the animals are exposed to wintry winds and rains, much of the feed goes to keep the bodies warm instead of to produce milk.

"Therefore, some effort should be made to keep the dairy cows comfortable during periods of disagreeable weather," says John A. Arey, dairy extension specialist at the North Carolina State college. "Their stalls should be well lighted and properly ventilated but free from air currents. Ventilation is important but should be so arranged as to prevent the air currents from striking the cow's body. This is accomplished by making the sides of the barn or cow shed tight and admitting fresh air through properly arranged windows."

Mr. Arey states that the practice of requiring the cow to wade through mud and ice some distance to get drinking water is too common and too expensive in the dairy industry. Such needless exposure chills the animal and prevents her from drinking the amount of water that she normally would consume.

Normal milk, says Mr. Arey, contains 87 per cent water and a cow producing around 30 pounds of milk daily will need from 85 to 90 pounds of water each day. She will not drink this much on a cold day unless the supply is convenient and not too cold.

The dairy cow of high producing breeds is a creature of habit. Unusual treatment makes her nervous. If she is accustomed to a regular routine of feeding and care, a change from this system will make her nervous and distrustful. She should never be run with horses or dogs nor treated roughly while being put in a barn. No other farm animal, says Mr. Arey, will give greater returns for good care than the cow and the herdsman who keeps his animals comfortable in winter will be amply repaid.

### Calf Scours Prevented by Giving Proper Feed

Ordinary scours in young calves are caused by indigestion resulting from overfeeding, or feeding milk that is too cold, or feeding it in dirty pails.

When scours come on while the calf is nursing the cow it gets too much milk, or the milk of the dam is too rich, which may be the case with Jerseys. When scours occur while the calf is fed milk it is usually due to feeding too much milk or feeding it in dirty pails.

The best way to handle a case of ordinary scours is to reduce the amount of milk to about one-half the amount the calf should have, until the bowels become normal. An ounce or two of castor oil will help to clear the bowels.

If the calf is hand-fed it should have six to eight pounds of milk at a feeding, which must always be fed in clean pails. It is very essential in feeding young calves to weigh the milk at each feeding to avoid overfeeding.

When a calf gets clean, wholesome milk and is not overfed you will have very little trouble with ordinary scours.

### Dairy Hints

Oats straw is a very poor feed for dairy cows. If you can cut the corn fodder it will be eaten better by the cows than oats straw.

It is just as possible to overfeed a cow as it is to underfeed, although it is more uncommon. One extreme is just as unprofitable as the other.

People who have been underfeeding their cows generally go to the other extreme whenever they are convinced that their present method of feeding is not correct.

The calf should receive the first milk or colostrum from its mother. Colostrum is thick, very yellow in color, and contains nearly six times the amount of protein contained in ordinary milk.

Dishcloths fail to reach the cracks and crevices where dirt and bacteria are prone to lodge; they fail to cut grease and dirt, and it is almost impossible to keep them in a sweet, sanitary condition.

Underfeeding of dairy cows, occurring especially during the winter months, is one of the most common reducers of profits for the dairy farmer. Overfeeding, however, may be just as unprofitable.

Every dairy farmer should provide himself with a milk house to be used exclusively for the handling of milk and milk products. In building a milk house, do not place it too near the stable. Make it an entirely separate building with sufficient window space. Sunlight is a good disinfectant.

# POULTRY

## FLASHLIGHT BIG AID IN CULLING

### Shows Many Loafers Among Layers in Hen Flock.

Literally catching the loafers napping is an excellent method of culling the poultry flock, if the culling process is carried on from week to week. Extension specialists in poultry at the Ohio State university suggest that the weekly culling may be done very conveniently with a flashlight when the birds are on the roost at night.

Birds showing shriveled combs or molt, or having empty crops, should be culled. Absence of yellow pigment is one of the indications of a good producer, and it may be difficult, under a flashlight, to determine the coloring of the eyerings, earlobes, vent, beak and shanks. If there is doubt, the birds can be isolated and examined again by daylight. The heavy egg producers will have lost yellow color from the body parts mentioned. However, the color will return should the bird cease to lay.

In the low producer, the comb is pale, small and shriveled, the vent is yellow, shrunken and dry. Eyes are small and shrunken, turning in toward the beak. Shanks are yellow, round and full, the pelvic bones close together, hard and rigid. Space between the pelvic bones and the breast bone is shallow or full of hard fat. The skin is thick and underlaid with fat. The bird is generally narrow across the ribs and hips, and the body is shallow and round.

### How Much Does Pullet Cost Till Able to Lay?

The North Carolina State college has conducted several tests to determine the amount of feed required to start a Red, Barred Plymouth Rock or Wyandotte laying pullet. In one series of tests the entire animal feed was milk and in the other meat meal. In the case of the milk-fed pullets it required 20 pounds of feed from the time the pullets were hatched till they began to lay 21 weeks later. This feed cost 71 cents. In the meat meal flock, nine and one-half pounds of mash and nine and one-half pounds of grain were used and the cost was 57 cents. Adding the cost of the chick, and other costs, the S. C. Rhode Island Red, Barred Plymouth Rock or White Wyandotte pullets just in lay would cost \$1.50 when milk fed and \$1.17 when meat meal fed. These pullets sell for \$2 each at laying time. If you have surplus milk, feed it to the growing birds.

### For Early Winter and Late Fall Production

With most ordinary flocks only 50 per cent or so of the flock is kept as aged hens, the other half being pullets, and the purpose of this is to provide for early winter and late fall egg production. Pullets, when hatched early and properly fed, will begin laying in October or November and lay quite heavily during this season of the year. Hens that are one year of age or older rarely begin laying before late December or early January. They do their heaviest laying during the late winter and early spring months. Therefore, to balance egg production it is necessary to have approximately half the flock old hens and half the flock pullets.

### Poultry Facts

Birds that are not fit to be kept over as breeders should be disposed of at once.

Moldy or spoiled feed is always dangerous. It causes loss of appetite, diarrhea, fungus growth in the "innards," and often kills the fowls.

Don't be afraid to feed oats, especially if you can get heavy white oats. They are a great poultry feed, unless too much hull and not enough kernel.

If laying fowls lose weight, give them more grain. If they're lazy, heavy, and laying poorly, cut the grain down, so they'll eat more mash.

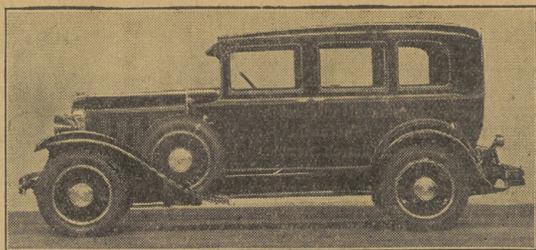
Corn, also barley, if fed, should be given in the evening, because these feeds provide needed heat for the birds during cold nights on the roosts.

Improve your flock next year by getting some good males to breed with them. Start right now to looking or writing around and locate some good ones.

Turkeys will begin laying indoors, even in the late winter months, if they are well sheltered and given a good laying mash.

There is plenty of room for more poultry meat and it pays to keep a flock of good meat fowls that have been bred for egg production.

Don't think you have to keep Leg-horns to get eggs. Any breed or variety can be bred for egg production. It is a matter of strain more than breed.



New Oakland All-American Six Special Four-Door Sedan

## New Model In Oakland Line

A new model supplementing the other seven passenger types in the latest line of Oakland All-American Sixes is announced today by the Oakland Motor Car Company known as the Special Four-door Sedan, the new car is built to take the place of the Landau Sedan in the previous All-American series.

While the following in exterior design the regular 4-Door Sedan, the new model carries luxurious interior equipment and refinements as well as striking new exterior Duco combinations.

Upholstery of a superior quality of mohair, genuine pecan wood garnish rails, vanity case and smoking set and rubber floor mat with felt back are now features of the Special Sedan, which also has the adjustable driver's

seat, ebony finish instrument panel, non-glare rear view mirror and other advanced body refinements common to all Fisher-Oakland bodies.

Wheels are in natural wood finish and at extra cost may be replaced with six wire wheels and trunk rack, the spares carried in front fender wells. Beautifully contrasting shades of Lawn and Ozark green Duco finish the body, fenders and hood, while stripings and moldings are of Pioneer orange and Moonstone gray.

Priced at \$1320 f. o. b. the factory, the new model offers all the flexible performance of the latest Oakland, as well as distinctive appearance and interior luxury that make it a fitting companion model to the custom-like All-American Landaulet the aristocrat of the line.

## Sweet Valley

Dr. and Mrs. L. C. Rummage of Nanticoke, were entertained at the home of the former's parents, Mr. and Mrs. Thomas Rummage on Sunday.

Dr. and Mrs. Emory Lutes of Wilkes-Barre, spent Sunday at the home of the latter's parents, Mr. and Mrs. Charles Allen.

Mrs. and Mrs. M. C. Frick, of Pikes Creek, were callers in town on Saturday.

Mr. and Mrs. Frank Oliver of Kingston, called on the latter's parents, Mr. and Mrs. Daniel Bronson, on Saturday.

Mr. and Mrs. Carl Rood were called to the home of his parents at Harveyville, where his mother is seriously ill.

Miss Ruth Jackson of Northampton, spent the week-end with her parents.

Mr. and Mrs. Daniel Carl of Reynoldsville, called on Mr. and Mrs. D. E.

Davenport on Saturday.

Joseph Wolfe, of Forty Fort, called on local friends on Saturday.

Mr. and Mrs. O. S. Sutliff of Bloomingdale were callers at this place on Sunday.

Luther Hunter is acting as substitute mail carrier in place of D. E. Davenport, the regular carrier who is ill at his home.

Clarke Edwards, Sr., who was stricken seriously ill, is improving.

Mrs. Frank Quoos has returned after spending several days with her father, near Hazleton.

Miss Estella Callender, of Wilkes-Barre, spent the week-end at the home of her parents, Mr. and Mrs. George Callender.

Daniel Post is ill at the home of his son, Stanley Post.

The mid-week prayer service of the Christian Church was held at the church on Wednesday evening. A business meeting followed.

The weekly prayer meeting of the Church of Christ was held at the church on Thursday evening at 7:30.

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