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CASTORIA

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GOOD CHEESE MADE FROM BUTTERMILK

In bulletins from the Wisconsin experiment station the making of cheese from buttermilk was pretty fully described, says Hoard's Dairyman. This caused somewhat of a stir in the dairy world, and since it results in the utilization of large quantities of buttermilk wasted every year it is well worthy of consideration. Buttermilk makes a very acceptable cheese, and the profit in the enterprise will depend entirely upon whether or not a steady market can be developed for it.



Photo by American Press Association.

Speaking generally, the agricultural shows in England, especially the exhibits of fine live stock, attract more attention than they do in America, since the breeding of good specimens of the domestic animals has been pursued for centuries there. Even in the great city of London, biggest in the world, the exhibits of cows, sheep, horses, etc., attract much attention. The picture shows the head of a fine Holstein cow exhibited at a recent show in Agricultural hall, London.

er or not a steady market can be developed for it. Being a perishable product, very much like cottage cheese, it will keep only a few days.

The fact of the matter is there is very little difference between buttermilk cheese and cottage cheese, except that the former has a buttermilk flavor.

Packing and selling this cheese require special attention since the public is not familiar with the product. It may be shipped in butter tubs and retailed in paper pails or other small packages. It will keep for a week or ten days in a temperature of 50 to 60 degrees, but it can be kept longer if the temperature is lowered to 32 degrees or below.

Buttermilk cheese has been sold at 3 to 5 cents a pound at the factory and retailed at 7 to 12 1/2 cents. If color is desired this may be secured by adding cheese coloring as used in cheddar cheese.

The making of this buttermilk cheese is inexpensive, as the drainage racks, siphons, etc., can be constructed by any one. When only a very small amount is desired the ordinary utensils of a creamery can be utilized.

How Fences Spread Disease.

A doctor holds a postmortem on a badly infected subject. His knife or scalpel slips, and he cuts a finger. Blood poison and death ensue. A tuberculous cow is stung by an insect. She goes to the barbed wire fence and scratches the itching spot, breaks the skin and leaves infected blood on the barbs, which dries, but the germs remain dormant, waiting for perhaps a healthy cow to come along, and she does and scratches and automatically inoculates her blood with the tuberculous germ.

This isn't theory. Any surgeon or bacteriologist will O. K. all the above as to germ transference.

A cow "hooks" another, draws blood with the tip of her horn, which, when smeared with dried infected blood, is just as deadly as the sharp barbed wire.

No keeper of valuable horses permits a foot of barbed wire on his ranch.—Farm and Fireside.

Why Keep "Robber Cows"?

It is impossible to estimate the productiveness and value of a cow as it is to guess the exact number of bushels of corn a certain field will yield. The scales and a Babcock tester when rightly used will accurately determine whether any of your cows are grafters just as surely as a pair of farm scales will show the exact yield of corn. Don't put up with a "robber cow."—Orange Judd Farmer.

Indigestion in Calves.

Indigestion in older calves is usually due to unclean milk or feed, unclean vessels, close confinement in dark, insanitary stalls and irregular or excessive feeding. In some cases it appears to be due mainly to sheer weakness and inability to digest.

The Profitable Cow.

A good cow, well fed and cared for, will give a larger return for the feed consumed than any other animal. This statement stands without challenge today as successfully as it has stood through the ages.

Cabbage Good, but Not For Silo. Cabbage is a very good feed for dairy cows, but owing to its watery composition it cannot be put into the silo.—Hoard's Dairyman.

GENERAL STOCK NOTES.

To have horses of endurance give the colts a chance to develop their muscles.

With good care, good stock looks better, does better and pays better than scrubs.

Too often when stock is fed for a certain market it is sold at a disadvantage.

So far as can be done, select the largest and best sows for breeders.

The cost of feeding an animal increases with its weight, but not in direct proportion to its weight.

Keep the hogs quiet, clean and comfortable if you expect the best gain from the food supplied.

Good breeding and good feeding are so closely related that they must go together. One is useless without the other.

If sheep are in a good, thrifty condition at the start two months of good feeding will properly fatten for market.

BLACK LEG IS FATAL.

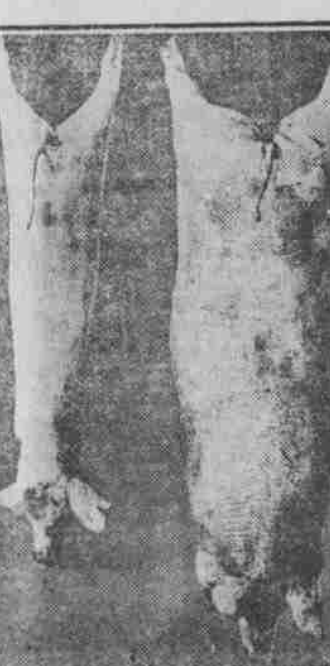
Bad Calf Disease May Be Prevented by Timely Use of Vaccine.

Blackleg of calves is almost invariably fatal in twenty-four to thirty-six hours and has so few symptoms that the animal is usually found dead or nearly so with one or more swellings resembling bruises on the side, belly or the upper part of the legs. The owner usually assumes that the calf was kicked or hooked to death and so skins the animal and leaves the carcass to spread the infection.

Blackleg may always be recognized by the swellings which contain bubbles of gas in black, clotted blood. When the skin over the swelling is rubbed it gives a peculiar crackling sound. The hide should never be broken, but the body buried deep and covered with lime. After two years cattle seem to be immune to blackleg, and it is not caught by horses, sheep or pigs. It is not contagious; but, like the germ of lockjaw, it is in the soil of certain fields and is caught in slight scratches, not deep wounds, due to bushes or wire fences. An animal with such a scratch lies on infected ground, and the infection is taken. On this account it is seldom epidemic and therefore attracts less attention than it would if it were more abundant at one season.

There is no cure known for this disease, but it may be prevented by vaccination with the vaccine issued free by the United States department of agriculture. It is only a small job to vaccinate calves, and, as it gives complete immunity, it is a cheap insurance.

Do not delay until you lose a calf, but you may rest easy when you have calves between four months and two years and apply the vaccine.—American Agriculturist.



Photograph by Kansas State Agricultural college.

In experiments made at the Kansas State Agricultural college, Manhattan, Kan., it has been demonstrated that corn alone does not make so good a ration for hogs as corn combined with alfalfa. The two hogs in the picture show the difference. They were litter mates before the butcher's knife reached them. The smaller of the two was fed on corn alone, a "burn out" ration. The larger fellow had corn and alfalfa hay. Notice the difference!

Not Too Many Pigs!

Eight pigs is a good bunch for a young sow to raise. If there are any more in the litter it might be well to do a little prunage, especially if there are any weak, runt ones among them. They will be pretty sure to be crowded out and die anyway, and if taken away early it will give the others a better show.—Iowa Homestead.

Keep the Colts Away.

The colts should not be allowed to follow their dams while they are in harness. Put the colt in the pasture while its dam is in harness. Both will soon become accustomed to this, and little annoyance will be noticed.

Amount of Water For Cows.

The ordinary milk cow should drink from ten to fifteen gallons of water a day. For each gallon of milk a cow requires about four and one-half gallons of water.

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WORK ON NORTH JETTY TO BEGIN AT ONCE

Of interest to every community in the Columbia River Basin, is the announcement made within the past few days by Major McIndoo, U. S. Corps of Engineers that work on the north jetty at the mouth of the Columbia will be commenced in October. The original estimate of \$1,000,000 as the cost of this improvement has been increased to 6,000,000 and it is expected that 5,000,000 tons of rock will be required in the work. The Government officials have announced that the south jetty, which was commenced in 1885, is now complete and that the task of transferring the equipment to the north side of the river will be taken up at once. It is expected that confining the current to the narrow channel between the two jetties will result in a permanent depth of not less than 40 feet on the bar.

SCHOOL NOTES.

By Supt. Notson. On the 24th ult., I visited the school in District No. 59, which is under the direction of Miss Winnifred Oaten. Thirteen pupils were present. The windows are provided with good window-boards and shades. The library books are kept in a good book case. I noted some excellent drawings and map work displayed. Teachers who have not completed the reading circle work for the year 1912-13 should do so at once. Last year, owing to the fact that the law was new and not well understood, it was necessary to allow extra time to some teachers, but this year there should be no delay. All certificates must be registered annually, and evidence of the completion of the reading circle work should be filed when the certificate is sent in for registration. School boards would do well to delay signing contracts until the teacher's certificate is registered. Blanks for report upon the reading circle work may be obtained by writing the county superintendent. It is to be hoped that parents and pupils will keep in mind the children's exhibit at the fair. There is a valuable training in the preparation of these exhibits, and every pupil who can place something in the exhibit, should do so.

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