JUDGING A GOOD HORSE

[illegible]

[illegible]

A TRUE HEAD.

[illegible]

[illegible]

THE DAIRYMAN

[illegible]

How to Pickle Butter.

[illegible]

Right and Wrong Way to Milk Cows.

[illegible]

Value of Cleanliness When Milking.

[illegible]

Give the Cow Pure Water.

[illegible]

Separator Not at Fault.

[illegible]

SKIMMILK VALUABLE

Skimmilk is by far the most important byproduct from the dairy and the best adapted to varied and profitable use. A prominent dairyman says that skimmilk as a human food is unappreciated by most farmers, but it has been tested under various conditions by food experts and has proved a useful portion of an everyday diet for many people. The use of skimmilk ought to be encouraged.

Every dairy should be equipped with a good separator, and farmers would find city markets for a large amount of the valuable byproduct. Skimmilk has all the protein and half of the fat value of the whole milk and is at least twelfths the most economical source of animal protein. The food elements in skimmilk are equal in physiological value to those of meats and are far less expensive.

As an article to substitute for water in the preparation of various dishes as well as for others that are made mainly of milk there is no waste, but a decided gain in food value. In making bread skimmilk will add to the weight and nutritive value of the loaf. Used in place of water, milk-raised dough may be used to pay for the milk and yet produce a loaf of equal weight and of as a whole food value.

Milk bread is richer in fatty matter and superior in food-forming elements which is scientifically explained as being due to the casein of milk being incorporated with the fibrin of the flour. The use of skimmilk for bakers and confectioners should be encouraged and is capable of being largely increased. Used in this manner, it may be made to net the consumer a dollar a hundred pounds, or more than a large per cent of the farmers and dairymen realize for their whole milk.

As a food for domestic animals skimmilk occupies the most conspicuous position of any foodstuff, especially as a food for young and growing animals. It gives the best returns when fed to very young animals, constituting the larger part of their rations. It is well best for animals making rapid growth, but which need other feed than milk, mainly of a carbonaceous nature. Except for very young animals skimmilk

SUCKING TOGETHER.

pounds. The amount depends somewhat on its ability to handle increased quantities.

The stomach of the young calf is very delicate, and all changes should be made gradually. When about two weeks old the calf, if a strong, vigorous one, can be gradually changed to skimmilk. During the first day decrease the amount of the whole milk one pound and add one pound of skimmilk, and so on each day until the change is complete. Previous to this the calf should have a little grain (oats or Kaffir corn)and or a mixture of both placed in its mouth immediately after drinking its milk. In this way it gets a taste of the grain and will soon go to the feed boxes and eat with a relish.

After the change to skimmilk is completed the amount may be gradually increased as fast as the calf is able to consume it without scouring. Care must be taken not to increase too rapidly. The calf is a greedy animal and will appear more hungry after drinking its milk than before, and if given too much it will soon be on the sick list. The milk fed should be weighed or measured at each feeding. Our experience has been that a calf from three to five weeks of age can be fed from ten to twelve pounds daily, from seven to eight weeks old fourteen to sixteen pounds and when from three to five months of age can be fed eighteen to twenty pounds of milk. The milk should always be fed warm and sweet.

Ventilating the Cow Barn.

In ventilating a cow barn the aggregate cross section of intake flues should be generally nearly equal to that of the outlake flues or ventilating shafts, and these should be provided with opening and closing valves so that the size of the opening may be regulated and reduced in the coldest weather. If three intake flues are provided on each side of the stable, each four inches wide by fourteen inches deep, these will be sufficient. The arrangement of ventilating shafts for taking up the foul air as described in this stable should be avoided wherever possible. It is especially bad to have the ventilating shaft end under the eaves, as the draft under such conditions is always poor, and there is great danger of severe scouring. Instead of putting down one of the ventilating flues instead of going out, either make it under the stable rather than it might otherwise be. If there is trouble of this sort in very cold weather it will be better to close one of the ventilating flues entirely, so as to compel all of the fresh cold air to enter at the ceiling through the provided intakes, so that it must mingle with the warmer air of the stable before falling to the floor.

The Dairy Bull.

When a farmer thinks of buying a dairy bull to improve the quality of his future cows he should look to the quality of the bull, not to the cheapness of price. The character and reliability of the breeder go a great way in such a transaction. He should try to buy a "future" of good quality that will run on the generations and that will help increase the good effects of every future sire that may be used.

Flushing the Separator.

Flushing out the bowl separator is very deceptive business. It is a practice quite prevalent in many dairy communities to thoroughly wash the separator every morning after separating, not only filled out with warm water at night. It has been found that cream from flushed separators contains an additional number of bacteria, and a very good dairy authority claims that it can never be transformed into first grade butter.

Guardian's Sale.

[illegible]

Administrator's Notice.

[illegible]

Notice to Creditors.

[illegible]

Summons.

[illegible]

Administrator's Notice.

[illegible]

Executor's Notice.

[illegible]

Lemers

of good health should prevent sickness instead of letting themselves get sick and then try to cure it. So long as you keep your liver, bowels and stomach in a healthy and active condition you won't get sick. Bullard's Herbine relieves constipation, inactive liver and all stomach and bowel troubles. Sold by Conrad Stafrin.

FEEDING THE CALF.

Care Should Be Taken When Giving Skimmilk and Milk.

It is well to leave the calf by their for at least twelve hours and in case the calf has run with its mother for several days, possibly twenty-four hours. Attempts to feed the calf earlier than this usually do the calf no good and may injure the feeder's temper. If the calf's muzzle is held in the milk and its mouth pried open once so that it tastes the milk it will drink without the feeder being obliged to place the hand in the milk and allow the calf to suck his finger.

The calf is unable to handle hay or grain until it is a week or ten days old. During this period it is not wise to try to feed skimmilk. At first the whole milk should be fed three times a day—four pounds in the morning, two pounds at noon and four pounds at night—at blood temperature. In about a week or ten days the calf can be fed twice daily. During this time the allowance of whole milk can be gradually increased to about twelve

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