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\$6000 Loss Result
 (Continued from page 1.)

couple of days. Mr. Kendle was insured for \$3000 on building and contents, and estimates he is loser about that much after the insurance is paid. The building was erected by P. H. MacDonald and Henry Stepanek about 12 years ago. Mr. Kendle has been assured that the insurance adjusters will be here tomorrow. Until he can get a settlement, he says, it is useless for him to plan for the future. He expects to remain here, however.

To safeguard another outbreak, Mylo Bartu, Al Plummer and L. A. Poindexter remained on guard the balance of the night. Nearly the whole town turned out and there were more workers than could be used. The electric motor at the pump proved its ability to deliver, with three streams going for over an hour.

It takes only 12 minutes to tell whether or not a dairy herd is profitable.

None but high-producing cows are profitable, and the use of pure-bred sires is the shortest road.

Care of good, well-fed dairy stock covers many items, such as handling, breeding, housing, grooming, etc. In short, the dairyman must provide all the necessary conditions for good production.

Missing windows in the dairy barn mean missing dollars in your milk check.

A cow that has to use her energy warming the ice cold water she drinks can't use that energy to make milk.

Butter making begins with the production of good, clean-flavored cream. To obtain practically all the cream from the milk and have it in the best condition requires the use of a cream separator.

This ad is addressed TO
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The DAIRY

DAIRY PROFITABLE WITH SMALL HERDS

Many creameries at the present time are losing money because they cannot get enough cream for the farmers in their territory to pay their overhead expenses. The volume of butterfat necessary to put these plants on a profitable basis is not likely to be secured until a large number of farmers begin to appreciate the value of the income from a few cows.

In the opinion of Prof. J. P. LaMaster, chief of the dairy division at Clemson college, the creamery development must depend on farmers who will milk from four to six good cows, and there is no doubt a place for such a number of cows on every farm which is operated by its owner living on the land. These few cows can be milked and cared for in a very few minutes before and after working hours each day. No extra hired labor is necessary.

The feed which these cows need and which the farmer saves for them, and the pasture they consume, would yield no income for him if he did not have the dairy cows. When a farmer gets many more cows than is indicated above, says Professor LaMaster, the labor problem becomes important, as does also the feed problem. The dairy herd then becomes a major project on the farm and requires sufficient time and labor to make it interfere with the other plans of operation. It is often just large enough to be burdensome and yet not large enough to be profitable.

There is very little place for herds between six or eight and twenty cows for cream production. Many a farmer has made money and has been satisfied while milking four or five cows, but when he increased his herd to twelve or fourteen cows, he did not make as much money in proportion and was dissatisfied with the results. A large number of farmers with four or five cows each will make dairying profitable.

Beans Fail to Improve Silage for Dairy Cows

Comparisons of corn silage and corn and soy bean silage for dairy cows at the Iowa station fail to show much advantage for the corn and bean silage. In the first two trials, the cows produced about 2 per cent more milk and butterfat when on the corn and bean silage ration as compared with their production of corn silage, the grain and hay rations being kept constant. In this trial the returns over feed cost were nearly 4 per cent greater when the cows were on the mixed silage.

In a second trial, however, there was a slight advantage for corn silage in weight of the cows and production of milk and butterfat when on the corn silage ration. The dairy husbandry authorities concluded that there is little, if any, difference in the usefulness of the two kinds of silage, so far as feeding to dairy cows is concerned. No apparent differences in palatability were noted and the differences in production were not consistently in favor of either brand of silage.

Soy Beans for Protein Balanced Ration for Cow

The average dairyman finds it necessary to buy some feed rich in protein in order to feed a ration properly balanced. And protein feeds are the highest in price of any he can buy, therefore it is good business for him to grow something to take the place of cottonseed meal, linseed oilmeal, or whatever he has been purchasing. Soy beans come nearer being suited to every dairyman's needs than any cover crop. On soil too thin for clover or alfalfa, several varieties of soy beans do well. On a rich soil they make a great amount of feed. If threshed, the seed may be cracked and fed in place of cottonseed or linseed oilmeal with equal results. Or if the hay is used, the cows will digest the grain fairly well.

Mistake to Depend Upon Weather to Cool Cream

When cold weather comes on many farmers give up their cream cooling tanks and depend upon the temperature of the air to cool the cream. This is a mistake. The cream cooling tank where the cream can be cooled in cold water should be used the year round.

If there is not room for a cream cooling tank within the building, where it can be kept from freezing, some other arrangement should be made for cooling the cream in cold water immediately after it is separated. Where it is cooled down to a temperature of 50 or below, it can be mixed in with the other cream and kept in a cool

Jersey Cattle Breeders, Attention!

All Jersey Breeders and Friends bring big baskets of lunch to THE JERSEY SHOW in ALBANY, SATURDAY, MAY 23. Bring cups and spoons for your family. Label all dishes, as the committee will not be responsible for losses. Paper plates, ice cream and coffee furnished free.

Show at Fair Grounds, with dinner served in the Riverside cafe building.

Two Dollars per head will be paid toward transportation. Send name, number and date dropped of animals you are going to show to W. H. McCONNELL, Shedd, Ore.

Route 4 MRS. S. B. HOLT, Secretary, Scio, Oregon.

room, tightly covered. Cream cans should always be kept tightly covered except during process of cooling.

Where fresh cream is added to the can it should always be stirred. A long stirring rod should be in use on every farm, so that the cream can be stirred from the bottom to the top of the can. The creameries should see that all their patrons are supplied with these stirring rods.

Breeding Diseases Are Often Caused by Feeds

Breeding diseases are often caused by feeds not containing enough minerals due to dryness of season. Cows and other animals breed much more regularly when on pasture than when on dry feed. The steamed bonemeal, or bone flour, for feeding purposes is purer than the fertilizer bonemeal. It is desirable to have the bonemeal as fine as it can be secured. This is steamed by the manufacturer in large steel drums for several hours. Any feed dealer can get this for you. Mix equal parts of steamed bonemeal, air-slaked lime, and salt. Give one-fourth pound to each cow per day in the feed. Do not allow any other salt.

Heeling in Trees

When you buy trees and plan not to set them until toward spring they should be heeled in. To have them handy to set when you are ready they should be heeled in in upright position in a single row, and each bunch with the labeled tree the last to be set. To do this begin each row with the labeled tree and when all of that variety are set leave space enough after it to give room for removing it when you want it, and then set the labeled tree of the next sort. By this method you can set any trees you wish at any time and keep them labeled in the row until the last tree is set. Heel the trees in rather deeply, and work the soil in about the roots well, almost as thoroughly as if you were setting them, and you will have them in fine condition.

Varying Temperatures

Warm cream should never be mixed with cold cream as this will not only hasten the souring process, but will also give the cream an off-flavor. The proper way to mix the morning's cream with the cream of the evening before is to thoroughly cool the warm cream before it is mixed with the cold cream. While the cream is cooling the cover should be slightly raised to allow the animal flavor to escape and the cream should be stirred.

The Tribune, \$1.75 the year.

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