

War Prices

are being quoted our Dairy-men for their Dairy Products.

And with the increased demand and the higher prices you will all keep your "Milk Factories" working right up to the limit.

This, of course, doesn't necessarily mean that you, too, need be kept "on the jump" all the time.

Here's the point—Let a

B-L-K MECHANICAL MILKER AND A SIMPLEX CREAM SEPARATOR

help you take advantage of your opportunity.

A 1100-lb. SIMPLEX will separate your milk with less work than 500-lb. machines of other makes, and one of the many big things in favor of the B-L-K is that the dairymen can easily produce Clean and Sanitary Milk in the ordinary dairy barn. **CLEAN MILK MEANS A CONSTANT DEMAND.**

We'll gladly give you an estimate of just what it will cost you to put in a B-L-K Milking Machine to save you all the old-time hard work of milking your cows. Send us rough plan of your stable and tell us how many cows you want to milk.

Special Notice to Dairymen: You know our establishment is the acknowledged Headquarters for Dairy Supplies. Place your order with us early. We can serve you this year even better than ever.

D. Derbyshire & Co.

Head Office and Works: BROCKVILLE, ONT.

Branches: PETERBURGH, ONT. MONTREAL and QUEBEC, P. Q.
WE WANT AGENTS IN A FEW UNREPRESENTED DISTRICTS.



Form and Beauty—A Champion, Too.

Seris Mercena Poeh has just completed her record as a 3 yr. old with 221 lbs. milk in one day, 536.3 lbs. in seven days. This makes her a Canadian Champion in her class for milk production. Her butter record of 23.08 lbs. in seven days, 214.6 lbs. in 30 days, puts her among the best. Seris is in the splendid herd of L. F. Bogart, of Napanee, and carries much of the blood of May Echo Sylvia. Note our stock column.

Feeding for the Test

FEEDING cows when under official test is a subject of personal interest to breeders of dairy cattle who value performance ahead of all other things. The methods followed by Fred Blewer, a New York State dairyman, who has made many creditable records, will therefore be of interest. They are described by H. E. Babcock in the Breeders' Journal. He writes:

"Unlike many breeders, who lay special stress on the preparation of the cow before calving, Mr. Blewer believes that one of the most essential things for a successful official test is the ration. This he states must be something that the cows like and do not tire of. Of course, he does not neglect the preparation. He likes to have his cow dry at least two months before she freshens, although he has made some very good records when this has not been the case. When once the cow is thoroughly dry he gradually works her up until he gives her all that she will eat of the following ration: Equal parts of oil meal, wheat, bran, and hominy. This is fed to her three times a day with ensilage twice and hay at noon. With this ration Mr. Blewer has never experienced any trouble with his cows at freshening time, and although they make up large udders, has never milked them out.

The Test Ration.

"After the cow has freshened, Mr. Blewer begins to gradually change from the preparatory ration to his regular test ration. This latter ration is made up of 200 pounds of ground oats, 200 pounds of gluten, 200 pounds of Biles or other good brewing grain, 100 lbs. of oil meal, 100 lbs. of cotton seed, 100 lbs. of hominy and 100 lbs. of bran, making a total of 1,000 pounds, and is fed three times with beets and cane with ensilage. Alfalfa hay is often fed between milkings. While this is not Mr. Blewer's regular dairy ration, he states he believes it would be a very good one to feed with ensilage and good hay, were it not for the difficulty of securing such variety of feeds.

Ordinarily when at the end of six days the cow is completely on this ration and is ready for the test. During the period between the time of freshening and the completion of the official test, she is milked four times a day and fed just before each milking. Each day she is given some exercise. Mr. Blewer, however, takes great care in this matter and is especially careful not to let his cow out where she

will get in drafty places or become suddenly cooled. Unless the day is very favorable indeed, the cow receives her exercise in the barn.

"Change of Milkera Preferred.
"In the matter of milkers, Mr. Blewer again differs from a good many breeders in that he believes a change of milkers is beneficial. He states that it is his observation made on over fifty cows that where the milkers change occasionally a better milk flow is secured.

"Another point about which Mr. Blewer is very careful, is letting the cow down at the completion of the test. He believes that more cows are ruined at this time than at any other period in official test work. He begins by gradually reducing the feed, substituting the four milkings a day until the cow falls below fifty pounds, when he believes she can safely be left to two milkings."

Care of Lighting System

THE farm lighting system must be attended to with great care, says J. L. Mowry in a recent bulletin on "Lighting Farm Buildings." An acetylene gas system is perfect working order is an intricate piece of machinery, he says, and an electric lighting plant is far more delicate. A lighting plant takes more attention than an equivalent number of coal-oil lamps or candles.

Good lighting systems for house and barn, however, add to the attractiveness as well as to the convenience of farm life. Trouble is usually due to ignorance or neglect. The introduction of modern equipment, such as high-efficiency lamps, has done much to encourage the development of small isolated plants and a few years ago may make their use common.

"Not many years ago," adds Mr. Mowry, "many men would not think of getting in behind the wheel of an automobile, much less investing money in such a machine, but now there are few who do not feel that they can care for the power plant which is hung between the front wheels of a motor car.

"The man who puts in the isolated lighting plant should understand it thoroughly and should have made his mind to put it on his list, along with the pigs and the calves and the chickens, to receive its share of personal attention."

Land plaster used freely in the stable will absorb all odors and increase the fertilizing value of the manure.



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