

## Creamery Department

Butter makers are invited to send contributions to this department, to ask questions on matters relating to butter making and to suggest subjects for discussion. Address letters to Creamery Department.

### A Growing Creamery Business

The largest summer creamery in Peterborough, is the Peterboro Creamery, an illustration of which is reproduced herewith. This creamery was started some five years ago by the late Peter Downham; it was taken over in the early part of this season by Mr. G. A. Gillespie, of Peterboro. Extensive improvements have been made both inside and out. This creamery has been a success from the first. The make has constantly increased from year to year, this year reaching an average of 40,000 pounds a month from June to September.

The creamery building is 55 x 33 feet and is equipped with all modern appliances for making butter. The four cream vats have a capacity of 800 gallons. Electricity furnishes the power, steam being used only for heating. The boiler is located at the back of the make room. In the front is the cold storage and a small office. Through this office a large retail trade is carried on with city people in butter, cream and butter-milk. The greater part of the make is disposed of locally and in nearby towns. The creamery is under the management of A. E. Juby, the staff consisting of three men and one girl.

### Care of the Separator

L. K. Miller, Victoria Co., Ont.

When the hand separator first came into use, there was a decided prejudice against butter from cream gathering creameries. This prejudice was well founded. The whole trouble lay in the improper care of the separator.

No other machine around the farm will collect dirt faster than will the cream separator. The separator should be in a place clean and free from dirt and bad odors. The separator itself should be clean.

The agent who says that the separator needs to be washed only once a day is working against his own interests and the best interests of the purchaser. Flushing the machine with water may

take out the milk and cream; the dirt and slime, however, are still in the bowl. What a splendid chance for bacteria to multiply and contaminate the cream at the next separation! Common sense tells us that the separator should be washed and scalded twice a day or after each time it is used, both in summer and winter. When all fall in line in this matter and care for the separator as common sense would dictate, there would be no further trouble with butter from cream gathering creameries.

### Scales are Easy to Use

S. R. Brill, Bruce Co., Ont.

We purchased a set of scales for cream testing to hold 12 bottles in the spring of 1907. As our Babcock machine takes 24 bottles, it requires two weighings to each batch. The cost of the scales was \$15, and, as far as I can see, after three and a half seasons' use, they are as good as ever. We have 350 patrons and test once a month.

When the scales are not in use we

the scale is working properly, as it may be. We also have a pipette in our creamery, and now and then for our own satisfaction we try it to see how it compares with the scale. With cream testing 25 per cent, the difference is not perceptible, but the higher the test the greater the variation against the patron, whereas the lower the test the more it works to the opposite way. No matter which way it goes someone is not getting his due.

With ordinary care a scale should last a number of years. Any butter maker who is able to conduct the test with the pipette should, with a few minutes' practice, be able to handle the scale, save time, give justice to everyone, and by so doing give better satisfaction.

### The Farmer and the Tariff

(Continued from page 19)

wages than can be helped, and there are cases on record where great manu-

done good service in pointing out the national danger in depleted soil fertility. It should go a little further, and point out the national danger in depleted farm population, with its chief cause, our protective tariff.

For every reason of justice, of expediency, of national well-being, of the time ripe for the disappearance of protectionism. The only classes in Canada who really want it to continue are those interests which profit by it, and the politicians, who for reasons of party expediency, do their bidding. The people, and particularly the farmers, are united in their desire that it shall go. There are not wanting signs that it is going.

By all means let there be a Tariff Commission, but let it go further than the last one did. Let it go through the country and hear what the different classes have to say about the tariff. But, before it begins its investigations, let this rule be made, and strictly adhered to. Let every class or industry asking for any tariff be required to furnish sworn statements as to their organization, profits, capitalization and industrial methods. This is plain justice. If the country is asked to burden itself for the benefit of any industry, it is but right that it should know what profits it is giving, what its organization is, whether it is honestly capitalized, and whether it is following up-to-date methods of production. Let the information thus received be given the widest publicity. If this rule is followed, my own belief is that there will be revealed a surprising oneness of feeling in favor of tariff reduction.

In regard to the proposed arrangement with the United States for freer trade in farm products, and agricultural implements, the farmers of this country have everything to gain, and nothing to lose by it. The organized farmers of both Ontario and the West have long since requested all desire for protection on their products, which experience has shown to be of no value to them. To be admitted to better terms to the great cities of the Republic would certainly be of great value to us. Our Government need have no fear of opposition from the farmers in arranging the fullest measure of reciprocity with the United States. Dr. J. B. Macdonald, Dominion Grange and Secretary, National Council of Agriculture.

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FOR SALE—Two cheese factories; Peterboro locality.—Apply Box M, Farm and Dairy, Peterboro.

FOR SALE—Shot gun, never used. Highest grade manufactured, 35 per cent off list price. For particulars apply to Box R, Farm and Dairy, Peterboro, Ont.

WANTED—Man to work in cheese factory. Apply, stating wages and experience, to Box 36, Glanworth, Ont.



A Neat and Well Equipped Creamery that Does a Good Business

The milk produced in Peterboro Co., Ont., for the most part goes to these factories. The creamery illustrated herewith is the largest in the county. It is owned by G. A. Gillespie, of Peterboro.

keep them in a dry place, first carefully wiping them free from moisture.

The time taken to test 24 samples is never over 45 minutes, and by taking that length of time care can be

facturing concerns, able in at least one case, to pay 50 per cent. dividends on the cost of its common stock, have cut wages mercilessly on the first indication of a depression.

But it is in its relation to the farming class that the disastrous effect of the tariff is most keenly felt. For some years those of us who insisted that the farming class were not prospering as they should were laughed at. We were told that the continual decrease in farming population was not due to any lack of prosperity, but to the fact that those who used to swing the cradle and bind the grain were now in the factories making binders. Then, last winter when a decided shortage of farm products became apparent, quite a furor of excitement was created and all sorts of investigations were proposed. Since then the farmer has been treated, gratis, to a great deal of advice (given, however, by those who never farmed) as to how he should use his opportunities.

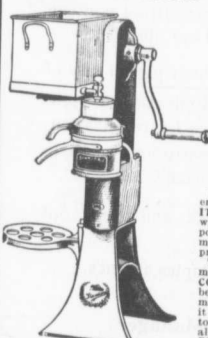
The fact is that the farmer is using his opportunities as best he can. We during Fall and Winter months. Now is the best time to plant. For full particulars and illustrated booklet, write, Montreal, Canada, J. J. Moorehead, Ltd.

He has shown surprising aptitude in adapting himself to new conditions. He is, however, handicapped by lack of capital, and in this connection it is well to note the effect of the tariff that our protective tariff directly and indirectly costs the average farmer \$200, or the interest on \$4,000 a year.

For this he receives nothing. It is this handicap which is preventing the farmer from expanding his business and which is driving population from our farms.

The Conservation Commission has

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