

## FACTORY MANAGER WANTED

To use the best and cheapest preparation for all cleaning purposes in Cheese Factories and Creameries. Used at Dairy School Guelph and by the leading factory-men of Western Ont.

Write for prices to

**R. A. TRELEAVEN**

MOOREFIELD, . . . ONT.

## STEEL WATER TROUGH

Made of heavy galvanized steel, our Troughs and Tanks are strong, compact and durable. So successfully have they stood the test during the past five years that we are willing to ship any size you select to your station on the understanding that you can ship them back at our expense if not first-class in every detail. Write for catalogue. D. We will build any size or style to order. Ask for quotations. Agents wanted.

STEEL TANK CO., TWEED, ONTARIO

## WANTED LOCATION FOR MILK PRODUCTS FACTORY

### REQUIREMENTS.

Up-to-date Dairy Section producing 10000 lbs. of milk or more daily the year round.

Location on main line to Toronto with R.R. siding to Factory.

Plenty good cold water and handy ice supply.

Prefer location where Electric power is available.

Will pay 10 per cent. more than average price of three nearest cheese or butter factories.

Will lease or buy Factory and equipment or build and equip new.

Address **BOX 100 FARM and DAIRY**

PETERBOROUGH,

ONTARIO

Amalgam on Ridge, of  
R. J. Amberg, Essex, Vt.

## Amatite ROOFING

Needs No Painting.

**AMATITE** roofing is weaned. It doesn't need to be watched over and fussed with and cared for.

It takes care of itself from the start. As soon as it is laid on your roof, you can go away and forget about it.

You don't have to paint Amatite every two years as you do the "rubber" kinds. Amatite has a mineral surface which needs no painting.

The mineral surface is better and more durable than many coats of paint.

Back of the mineral surface is a layer of pitch, the greatest waterproofing compound known. Back of the pitch is a layer of felt (a whole ready roofing in itself), and behind this is another layer of pitch

and another layer of felt. The result is a strong, durable roof which can take care of itself in any climate without painting.

We will be glad to send you free a sample of Amatite Roofing so that you can see for yourself just what it looks like. Address our nearest office.

### Everjet Elastic Paint

Low in price. Great in durability. Invaluable for prolonging the life of ready roofings, fences, iron work, etc.

**Creonoid** Lie Detector and Spy Spray

It will keep flies away from the cows. It will keep lice and nits away from the poultry, make everything sanitary and increase their output.

**THE PATERNON MFG. CO.**

Limited

Montreal Toronto Winnipeg  
St. John. N. B. Halifax, N. S.

## 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.

### Creamery Business Increasing

L. A. Zufelt, Kingston, Ont.

We cannot supply the demand for first class butter in this country. It is but an indication of the development that is going on in the creamery business all over Ontario. This is as it should be. I doubt if it would pay to further develop our cheese industry to any great extent. We already supply 75 per cent. of the cheese imported into Great Britain, and we must not glut this market; it would not take a very great development of the make of cheese to cause a glut.

At the same time there is a large market for butter in the Old Country. So far Canadian butter has not taken a prominent place in the Old Land. This has been due to two factors—lack of quality and irregular shipments. Both of these factors hinder the establishment of a permanent market in Great Britain. Dealers naturally turn to those countries that give them a steady supply of good butter.

There is no reason why we should not be one of the largest and best producers of butter in the world. Our breeders of live stock particularly should make butter rather than cheese as they then have the skim milk for feeding. I do not say that it is not profitable to make cheese. The two should go hand in hand.

### Cream Grading Not Practical

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

If a system of cream grading were adopted by all creameries and districts it would certainly lead to an improvement in the quality of cream. Where, however, there are several wagons on a line, some for joint stock factories and others for private parties and each trying to outdo the other, the first one to introduce the grading system would have uphill work.

We collect the cream in large tanks. The teamster, therefore, would have to do this work. We try, and generally do get reliable men but they are hardly qualified to undertake the grading of cream. The sample taken for testing is not large enough to grade by excepting for richness and even if it were the question of the opposing creameries would still have to be met.

Until the creamery business is conducted more on the lines of a large corporation and we are in a position to demand certain grades, the only way that I can see to improve the quality of cream is for each creamery man to discuss the matter with his patrons and to insist in a position to show the benefits of having the best quality and so gradually work up to a higher plane.

### Butter Prices and Reciprocity

L. A. Southworth, Victoria Co., Ont.

What effect will reciprocity have on the price of butter? At the present time in the United States there are immense quantities of rather low-grade butter in cold storage. Butter is very high on the other side for a couple of years and much was put into cold storage for further advance and is now being dumped on the market with a consequent depression in price.

Opponents of reciprocity therefore tell us that should this pact become law, we creamery men would be put out of business.

I believe that for strictly fresh goods prices in the United States even

now are better than they are here. And we will plan to give them goods of first quality. The opposition and reciprocity is easily understood. All that is necessary is to know the owners of the papers opposing the movement. If the owner of the Toronto News, for instance, any particular reason to wish that the farmers should get higher prices for poi-

### Pleased with Mechanical Printer

W. Waddell, Middlesex Co., Ont. We have used a mechanical butter printer manufactured by the Richardson & Co., St. Mary's for about a year. We had some difficulty with it at first and the wires will still break occasionally, giving some trouble, but on the whole we would not think of going back to hand printing.

We find it an advantage in saving labor and time, in hot weather especially. It saves exposing the butter to the heat, it can be quickly packed and placed in storage and then be taken out in small quantities for printing. It makes a very much nicer print than it is possible to make by hand, and makes them more even in weight.

Its principal defects are its high price and the tendency of the wire to break. The creamery using a printer must have a good cold storage room, however, is an advantage rather than a disadvantage.

## SYNOPSIS OF CANADIAN NORTH- WEST LAND REGULATIONS

Any person who is the sole head of a family, or any man over 18 years of age may homestead a quarter section of available Dominion land in Manitoba, Saskatchewan or Alberta. The applicant must appear in person at the Dominion Land Agency, or sub-Agency, for the District. Entry by proxy may be made at any agency, on certain conditions, by father, mother, son, daughter, brother or sister, or intending homesteader.

Duties—Six months residence upon six months cultivation of the land in each five years. A homesteader may live within nine miles of his homestead, or he may at least 80 acres solely owned and occupied by him or by his father, mother, son, daughter, brother or sister.

In certain districts, a homesteader is required to build a house on a quarter section alongside his homestead. Price of homesteaded or pre-emption six months or each of six years from date of homestead entry (including the time required to earn homestead patent) and cultivate fifty acres extra.

A homesteader who has exhausted his homestead right and cannot obtain a pre-emption or pre-emption six months or each of six years, cultivate fifty acres and erect a house, worth \$300.

Deputy of the Minister of the Interior. N.B.—Unauthorized publication of the advertisement will not be paid for.

## WATER—EVERYWHERE



## STICKNEY GASOLINE ENGINE

Will pump water for you and put it into any tank or cistern. It is the simplest engine on the market. It starts easily and never balks. Our booklet tells you how to get a complete course in gasoline engine. It is FREE.

**The Ontario Wind Engine and Pump Company, Ltd.**  
WINNIPEG TORONTO CALGARY

## Cheese Depa

Makers are invited to send contributions to this department, to ask questions on matters relating to cheese making and to suggest subjects for discussion. Address letters to The Cheese Maker.

### Some Pointers on

G. G. Pablon, Chief De

As a result of the weather, which we have had, a lot of weak cheese is being placed on the market. This is lowering the price, and affecting the reputation of cheese. There never was a more important time of year for cheese than now. I would advise attention be given to the care of the cheese, so as to keep the quality high.

To do this is to make a little milk a little sweeter, a little more salt, than quick ripening cheese. Attention should be given to the cooking of the curd, it is of uniform size, plastic by the time then

Complaints Against

This combined milk

Co. Ontario, who own

their part in raising the

and may be seen in the

and for the removal of

would advise not more

the alkali or 1-4 on the

the whey drawn close to

are and have the curd w

before matting. Nothing

essential to insure firm

color and smooth texture

has having the curd care

and properly dried, with

amount of acid at time

I would also remind

the importance of good

ing the cheese correctly,

the weights and brands

on the boxes. So

main have been received

and Country, regarding t