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JOHN HALLAM, TORONTO

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Dairymen who are using THE EASY RUNNING CAPITAL SEPARATOR realise its superior features, but to those that do not know THE CAPITAL we would ask them to try it and be convinced. In offering THE CAPITAL to the Canadian Farmer, we are convinced of the fact that we are offering him the lightest running separator on the market, a feature above giving it preference. The small bowl and simple gears found only in the CAPITAL accounts for this. We use the disc system of skimming, but so devised and applied as to insure ease of washing and perfect skimming.

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New discoveries of undoubted richness are being constantly reported from sections far distant from the far-famed Cobalt. Yet a more certain reward is secured to the Settler who acquires for himself

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The Timber is in demand at a rising price. Mining, Railway and Colonization Road Construction, Lumbering, etc., afford work in abundance to those who have not the means to remain on their farms continually. These also provide a market for farm produce at prices unequalled anywhere.

Cochrane, the terminus of the T. & N. O. Ry., on the G.T.P. Transcontinental Railway, now under construction, is in the same latitude as the southern part of Manitoba, and 800 miles nearer the seaboard.

That the experimental stage is past is clearly demonstrated. The country is rapidly filling up with Settlers from many of the other provinces, the United States and Europe.

For information as to Terms of Sale, Homestead Regulations and for Special Colonization Rates to Settlers and for Settlers' Effects, write to:

D. SUTHERLAND
The Director of Colonization
PARLIAMENT BUILDINGS, TORONTO
HON. J. S. DUFF
Minister of Agriculture

Creamery Department

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

Individual Cans Solve the Problem

R. R. Cranston, Elgin Co., Ont.

Since I have not had experience with the scales in the matter of cream testing, I cannot add anything to the discussion as to their use, either for or against. I must say, however, that I am opposed to applying to the Legislature for every little detail in the management of cheese and butter. Let the Dairymen's Associations of both Eastern and Western Ontario make a crusade in favor of individual cream cans, and they will do away with a great deal of the testing difficulties, which are not as many as the difficulties of getting a proper sample under the system of large cans and tanks.

I disagree altogether with J. F. Singler when he says the sampling is quite accurately done by the hauler. Neither the scales nor any other way will give satisfaction as long as the hauler takes the sample. I collect altogether in individual cans, and have little trouble in testing.

I have used both the 17 e.c. and 18 e.c. pipette, and always rinse out with every sample of cream and add to sample taken. From what I have heard from others I have no doubt about the scales being O.K., but I would not be thinking of asking the Legislature to enforce the use of them.

Pleasant View Creamery

The subject of the front cover this week, "Pleasant View Creamery," is one of the largest cream-collecting creameries in Ontario, is situated in the county of Grey, less than two miles south of Owen Sound.

The site is worthy of the name (P. V.), and is almost an ideal one, in that it is near the forks of two main roads, and is situated at the foot of a limestone hill, from the top of which issues an unusually strong stream of crystal water, seldom found to be higher in temperature than 48 degrees. In fact this spring, which is less than 200 yards distant from the factory, was for many years the only source of power provided. During recent years, however, the water supply has been turned to valuable account for cream-cooling purposes, feeding as it does a large circular copper cooler. The capacity of this cooler is such that a favorable water supply is under such the entire cream supply may be uniformly cooled to churning temperature, immediately after it is received, thus not only retaining further ripening, but ensuring a desirable body and grain in the finished product.

So efficient is this cooling equipment proved, that no ice has been required for cooling purposes. We consider water supply of prime importance in selecting a site for creamery work. A good water supply, a well-made stone or cement building with cement floors, and much to a butter-maker's satisfaction in warm weather.

CREAM TANKS

"Pleasant View" cream is collected in tanks—oval shaped—to prevent churning in transit. Every spring the tanks are painted with white lead and oil, which not only improves the appearance and preserves the wooden jackets, but forms a sunburn protection from the sun, as white absorbs the least heat of any color.

A platform wagon-scale is used at the receiving window. The gross weight is taken of each load; after unloading the net weight of cream delivered is recorded. This places a

check on the collectors, who, being equipped with scales to weigh each patron's cream, are expected to make their loads "tally out." As an open record is kept, it encourages a keen competition among the staff as to who can keep nearest the mark, and at the same time it tends to guard against omission to credit each lot of cream received to the proper name and date. Many creameries are lacking in the necessary equipment to make this check, and we would strongly recommend the installation of a weigh-can where space for a weigh-stand is available.

able. The next best thing is a wagon-scale.

J. A. McPeeters,
President.

J. McQuaker,
Sec. Treas.

Composite cream samples should once a week be warmed up and stirred until the preservative tablet is all dissolved. Too many composite samples do not get the attention they should and as a result the preservative only comes in contact with a small portion of the cream.—J. W. Newman, Victoria Co., Ont.

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Thousands of dollars are lost each year through lightning. Yet the farmers of Canada need never lose another cent from their buildings with PRESTON Safe-Lock Shingles—the ONLY roofing GUARANTEED proof against lightning.

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You don't get a Free Lightning Guarantee with other shingles. Neither do you get shingles SAFE-LOCKED on all FOUR sides. Nor shingles with the nailing fully protected against the weather. Nor shingles made according to British Government Specifications. Nor shingles so easy to lay.

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