

WINTER CREAMERY.

[We have received Special Bulletin No. 3, from the O. A. C. Guelph on the above topic, and we deem it of sufficient importance to give in full, though in instalments.]

Advantages over Home Dairy in Buttermaking.

The winter creamery offers many advantages to dairymen, with few or many cows milking during the winter. The chief of these are a better average quality of butter, which is sure to bring a higher price, and the extra yield of butter, per 100 lbs. of milk which is got by using the cream separator. Either of these advantages will pay the cost of manufacturing the butter, which ought not to exceed three and one half cents per pound where the milk is delivered at the creamery. Again, the labor is very much less for the farmer's wife where milk is sent to the winter creamery. In addition, the farmer and his wife feel much better when going to town to buy household necessities, if they have \$5 to \$10 in a pocket as a result of the sale of creamery butter, than if they have twenty to fifty pounds of butter in a basket.

Where to locate the Winter Creamery.

The creamery may be located in a summer cream gathering creamery, in a summer separator creamery, in a summer cheese factory, or in a place where there are none of these. If an average of 15,000 lbs. of milk per week can be relied upon during the winter season, it will pay to purchase winter creamery apparatus and hire a buttermaker. There is no reason why our cream gathering creameries and cheese factories should hang out this sign about October 15th each year—*Gone out of business until May 1st.* Patrons must make Dairy Butter and trade it at the Corner Grocery until we open up again, or else manage a "dry" Dairy for the winter.

This ought not to be. The money lost through "dairy" butter, dry cows, and ignorance of the first principles of economic dairying, would pay the municipal taxes of every dairy township in the Province.

The Machinery and Building.

The building should be as warm as possible with paper and dead air spaces and should, where practicable, be heated with "live" steam or "exhaust" steam from the engine. A room 20x30 is required for making the butter, also an office, boiler and engine room, a refrigerator and an ice house—say 600 square feet of ground space for these latter.

The cost of the building will be from \$1,000 to \$1,200. The machinery to handle 15,000 to 25,000 lbs. of milk weekly will cost about \$1,000.

The leading makes of separators used in Canadian creameries are:

Alpha de Laval, sold by the Canadian Dairy Supply Co., Montreal.

Alexandra, sold by J. S. Pearce & Co., London, Ont.

Russian, sold by D. Derbyshire & Co., Brockville, Ont.

Danish Weston, sold by Richardson & Webster, St. Marys, Ont.

The separators cost from \$350 to \$550 each, depending upon the make and size. They all have their good points and we do not care to recommend any one of them in preference to another. The agents will explain the good points of each and quote prices on application.

Growing Children

One-third of all the children die before they are five years old. Most of them die of some wasting disease. They grow very slowly; keep thin in flesh; are fretful; food does not do them much good. You can't say they have any disease, yet they never prosper. A slight cold, or some stomach and bowel trouble takes them away easily.

SCOTT'S EMULSION of Cod-liver Oil with Hypophosphites is just the remedy for growing children. It makes hard flesh; sound flesh; not soft, flabby fat. It makes strong bones, healthy nerves. It changes poor children to children rich in prosperity.

Book about it free for the asking. No substitute for Scott's Emulsion will do for the children what we know Scott's Emulsion will do. Get the genuine. For sale by all druggists at 50c. and \$1.00. SCOTT & BOWNE, Toronto, Ont.

Next to the separator, the most important part of the machinery is the boiler and engine. The boiler should have a capacity of from twelve to twenty horse-power; and the engine from six to eight. A "half-trunk-lid" churn made of whitewood or pine is convenient. A narrow cream vat with plenty of space at the sides and ends or ice is needed to cool the cream rapidly where a cooler is not used.

Where the cream vat is not adapted to rapid cooling, one of the various coolers on the market may be used; or a coil of galvanized iron pipe having cold water running through it may be placed in the cream and be worked by the engine. This will cool the cream rapidly.

A Babcock tester for dividing proceeds among patrons and for detecting losses of butterfat in skim milk and buttermilk, is an essential part of the machinery in every creamery.

A complete list of all machinery needed, together with their prices, may be obtained from any of the Dairy Supply firms.

To be Continued.

PROTON CENTRE.

Since last writing death has visited our neighborhood and taken away one of Proton's early settlers in the person of Mrs. Bryce, wife of Adam Bryce in her 62nd year. She came to Proton over 40 yrs ago settling on the 9th concession where she remained until her death. She was ill about three weeks but not considered serious until Saturday 23rd when she took suddenly worse dying at three o'clock in the afternoon. She leaves a husband, three sons and six daughters to mourn her loss. Her two sisters and brother from Hamilton attended the funeral, Mrs. Watson, Mrs. Nicholson and Mr. Hopkinson.

Dearest Mother thou hast left us, And thy loss we deeply feel, But 'tis God that has bereft us, He can all our sorrows heal.

The Dean family are recovering from their illness also Mr. P. McTaggart is able to be around again.

The Farmers are busy taking up their turnips, splendid weather for such work. The threshing is about over around here we think it is about time when there has been seven machines on the 9th inside of two miles and a half.

Mr. C. McLean has engaged Mr. J. Douglas for a while.

Another little girl made its appearance at Mr. C. McLean's last week. They are going to keep her.

The Or Dros. are putting an addition to their mill and intend putting in a chopper which will be a great benefit to the neighborhood.

Mr. J. Bachelior has sold his farm on the 8th con. to Wm. Armstrong for \$2,000 or thereabouts.

Mr. G. Woolsey is busy finishing his new barn, hurry up George you will have it ready for the root crop yet!

SOUTH EGREMONT.

Well Mr. Editor I suppose you will be thinking that your correspondent is dead, such is not the case and now as the eyes are getting a little longer we will try in future to send in a few items.

Since last writing death has been busy among us, the following passed to the great beyond: Wm. McLachlan, aged 80, he was born in this part and at the time of his death was in California. Appendicitis was the cause. Wm. Gordon aged 72 he was an old resident of this part and at the time of his death he was living in Mr. Forrest. Mrs. George Hamilton of the 12th con. near Fairbairn. Deceased was 54 years a member of the Presbyterian Church. Consumption was the cause. She was ailing a long time.

While Mrs. Armstrong of the towaline near Conn left the house for a short time one day last week a little child, one and a half years old got hold of a bottle of carbolic acid and drank some. A Dr. was immediately sent for but in spite of his efforts the child died in a short time.

There is a great deal of sickness in this part mostly among the young people caused by an outbreak of measles. Some of the schools have been closed.

Mr. B. Bve has been laid up with a severe attack of neuralgia. Some of Bob's friends thought he was on the home-stretch, but we are happy to say he is recovering.

Miss Isabella McArthur is visiting her father N. McArthur.

Mr. James Crawford returned from the west last week and is looking well and reports a good time out there.

Mr. N. McArthur sr. is on the road collecting the taxes. Look out for him.

The farmers are about through harvesting, the root crop, which has been a good crop. One farmer here had 14 acres.

Threshing is about over for this season and the crops were very good with the exception of peas 4 to 15 bushels per acre.

Quite a number from here attended J. G. Wilson's sale at Durham on Thursday last.

CLUBBING.

The reason for Clubbing is now upon us, and we have several enquiries for several Journals. Will our readers examine the list we give below and while taking advantage of the terms themselves call the attention of their neighbors to the great value offered, and get them to subscribe also, if not already subscribers. The REVIEW covers the home field efficiently and the Journals we club with are the best in their line.

THE GLOBE.

No Canadian paper has the same stable character as the Toronto Globe. Its record and reputation during 53 years stands unique among Canadian Journals. Supporting Liberal principles, it is fair to its opponents and impartially as in Conservative papers. Its editorial columns, of course have a voice of their own; fearless, yet fair, incisive, yet not irritating. The Weekly edition has this year been enlarged to 16 pages and contains a digest of the world's news, full reports of national or provincial gatherings of any kind. A commercial page, markets, etc., second to none, and general and family reading of quality and quantity to suit the most fastidious. This great paper is \$1 a year, the REVIEW is \$1 but we are able to offer both for only \$1.50, which to new subscribers pays to Jan. 1st, 1890. We can also supply the Daily Globe's morning and evening editions at reduced rates with the REVIEW.

FARMING.

Our intelligent farmers who wish to keep posted on their business, can find no better means than by taking this fine Weekly Journal. To stock raisers of all kinds it seems to us a necessity. The REVIEW and Farming to Jan. 1st, '90 for only \$1.75.

THE MAIL AND EMPIRE.

This paper has many friends and is recognized as one of the leading Conservative Journals. Its market reports are up to date and its news and editorial columns cover the ground from a Conservative stand-point. The Weekly Edition with the REVIEW for \$1.40 cash.

THE MONTREAL STAR.

The publishers of the United States and even in England have often wondered how such a magnificent paper as the Family Herald and Weekly Star of Montreal can be published for one dollar, with such splendid premiums. The Family Herald publishers have shown abundantly that they know how, and know it well. That's as much of the secret as others are likely to know. \$1.75 gets this widely read Journal and the REVIEW.

THE WORLD.

For a cheap morning daily the "World" leads. Conservative in Politics it is not by any means hide-bound in course during the election of 1896 won for it many friends, and its condensed news items are a taking feature. The World is three dollars a year, but by special arrangement we offer the REVIEW and Daily World for \$3.00. If you want a cheap daily seek no further.

THE COSMOPOLITAN.

Those who wish high class reading, fitting the library and drawing room table, by the best writers in the English language, on current topics of world wide interest, with the best miscellany, must get the Cosmopolitan. The publishers of this magazine have just started a university, and begun on the 8th of this month with a freshman class of 10,000 students. The five monthly magazine is only \$1. Subscribe now.

THE TORONTO STAR.

For a cheap Toronto Daily, the Toronto Star has few equals. It is independent in tone and a good news gatherer. With the REVIEW only \$2.00 cash.

MULOCK.

Threshing is a thing of the past and every body seems to be well pleased with the returns of their summer work. Mrs. R. Currie and Mrs. T. McGillivray were visiting friends on the 8th one day last week.

The church here has been undergoing considerable repairs this summer. That of a new stone foundation and lately a number of the members spent a day in clearing up the ground and building a new platform, also some tasty work was done in the laying of sals.

Quite a number from this vicinity took in the Lecture at Crawford on Friday night, given by Dr. McGillivray of Honan, China.

Miss Sarah McDonald is home after being engaged for three weeks at the clergyman's.

Much sympathy was felt for Mr. and Mrs. Rev. J. G. Burns in the loss of their youngest child two weeks ago.

As Mr. Forster is preparing to build a large barn next summer, he has lately been inspecting some Glenelg barns. As Mr. Forster is an up to date man, he will no doubt be surpassing anything in this section.

Mr. Hugh McKinnon, of Shallow Lake, spent a couple of days at home last week. The northern country seems to agree with Hugh.

Anniversary services will be preached here next Sunday by Rev. Mr. McKinnon of Keady, also on Monday night following a social gathering of the members and congregation will take place at the manse. All are invited.

Miss Mary McGillivray returned home Sunday after a month's visit at Chatsworth with her brother Alex.

What we would like to know: Where the lads were on Sunday.

If the Chosen Friends had a re-union lately.

If Harry got home all right the night of the lecture.

—Gt. Britain and France may come to blows over Central Africa. Paper "blows" are at present being wafted.

Sales Talk

With Hood's Sarsaparilla, "Sales Talk," and show that this medicine has enjoyed public confidence and patronage to a greater extent than accorded any other proprietary medicine. This is simply because it possesses greater merit and produces greater cures than any other. It is not what we say, but what Hood's Sarsaparilla does, that tells the story. All advertisements of Hood's Sarsaparilla, like Hood's Sarsaparilla itself, are honest. We have never deceived the public, and this with its superlative medicinal merit, is why the people have abiding confidence in it, and buy

Hood's Sarsaparilla

Almost to the exclusion of all others. Try It. Prepared only by C. I. Hood & Co., Lowell, Mass.

Hood's Pills are the only pills to take with Hood's Sarsaparilla.

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Rheumatism & Dyspepsia Cured.

571 St. Patrick Street,

Ottawa, July 31st, 1896.

To the Phrenoline Medicine Co., Ltd.

Ottawa, Ont.

GENTLEMEN.—On the advice of a friend I tried one bottle of your famous rheumatic remedy, Phrenoline, and to my surprise it cured me of rheumatism, from which I have suffered for many years.

It also cured me of dyspepsia, from which I was suffering at the time, so what I feel now like a new man.

I have tried several remedies for rheumatism, some of which did me a certain amount of good, but nothing that I have taken has done so much for me as your Phrenoline, and I have much pleasure in recommending it to other sufferers.

Yours very truly,
(Signed) JAMES CARROLL,
Foreman of Works, Rideau canal.

For Sale by H. PARKER, Durham.

WANTED.

Agents: In every district on the continent to take orders for high grade Canadian-grown Nursery Stock and Seeds. Largest and most complete assortment in the trade. Fast selling specialties; superbly assorted (priced free); correct prices in any language. These positions are money makers, and territory should be secured at once for the season by all business looking for a good thing. Our salary or commission offers will interest anyone not earning \$10,000 per year. Get in communication with our nearest office.

An opportunity to represent a well-established house, ability more important than experience.

LUKE BROTHERS COMPANY,
International Nurseries,
Chicago, Ill., Montreal, Que. ROCHESTER, N. Y., 2-9-96.

Wanted Agents

BOTH MEN AND WOMEN. If you are willing to work, we can give you employment with GOOD PAY, and you can work all or part time, and at home or traveling. The work is LIGHT AND EASY. WRITE AT ONCE for terms etc. to

THE HAWKS NURSERY COMPANY,
Rochester, N. Y.

Shorey's

Rigby Rain-Proofed

Freize Ulsters

In Olive Mix, Brown, Fawn, Claret and Oxford Gray; 51 to 54 inches long, with 6 inch collar, 5 pockets and throat tab, with "wont-come-off" buttons can be bought retail in every Town and Village for

\$7.00

THE WEEKLY SUN.

This is the Canada Farmer's Sun re-organized and is still a farmer's paper. Its pages are honored with contributions from Mr. Goldwin Smith, "Bystander" and other able writers. We furnish it with the REVIEW for \$1.25 cash.

GRANT'S ADVT



We Want to tell You this week about Our Clothing. We have a large stock of it and want to turn it into money, you know what that means? The goods have to be sold. We start Child's Suits at \$1.50, worth \$2.00 and all others in the same proportion.

HAVE YOU

got any of our 5c Grey Cotton? if you haven't come and buy 25c worth and you will need more.

YOU NEED

a pair of Rubber Boots now that the Fall Rains have started, don't run any risk of Rheumatism by having wet feet. Better spend your money in Boots than in Dr.'s medicine. Only \$2.75 for a pair of our No. 1 Rubber Boots.

DON'T YOU WANT

to get a waterproof for your child? If you do come and get some of our Cravenette at 50c yd., double width, worth one dollar. Potatoes and other farm produce in exchange for goods.

C. L. GRANT

THE BOOM OF THE SEASON

In Full blast at McArthur's

It means the highest price for EGGS and BUTTER in exchange for the cheapest GOODS of best QUALITY. OUR COMPLETE DEPARTMENTS ARE

READY-MADE CLOTHING
DRY GOODS, GROCERIES, AND
BOOTS & SHOES.

Call and investigate our goods and Prices and we are sure you will go away entirely satisfied.

C MARTHUR

OUR FALL AND WINTER GOODS

Are arriving in large stocks at Calder's Warerooms, consisting of a carload of the best kind of Cooking Stoves, Fancy Parlor Stoves, Box Stoves, Coal Stoves, Etc.

CUTTERS

Are arriving daily and we promise you the best and cheapest assortment ever shown in Durham.

ROBES

Of all kinds, White, Black and Grey, at prices that will surprise you. Come early and get your choice.

A FEW BUGGIES AND WAGGONS

In stock and you can get these at cost price in order to clean out stock.

SEWING MACHINES and ORGANS

Rooms fully stocked of the best makes and styles. Will sell at reduced prices and give you a good assortment to pick from.

PLOWS

All kinds of Plows, Gang Plows, Etc. from \$10 upwards. Come and see them and get a bargain for the balance of the season.

SEE OUR ROLLER BEARING TURNIP PULPER

Money to loan at five percent, on good security. Insurance business promptly attended to. Marriage Licenses issued.

W. CALDER, - LOWER TOWN

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Furniture of the Best Make

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Undertaking and Embalming on "at-estimation" at reasonable rates.

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The only first-class dealer in Durham.

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We Handle everything in the Harness line, at right prices.

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Collars, Pads,

Bites, Whips,

&c., &c.

Heavy & Light Harness

TO SUIT YOU.

Workmanship Unsurpassed

Fine Choice in Valises, Grips, Horse

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Price Paid.

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