

and citizenship.  
action could be  
object than the

Refrigerator  
from Co., Que-  
bec. It will not cost  
efficient is one  
are being looked  
in. In looking  
issue of "The  
now and Power  
cross a descrip-  
"ice chest that  
my require-  
ments have prom-  
ised to give this  
slack. In case  
did like to bene-  
fmine I send  
a description of  
appeared in the  
now. Here is how

ribes her ice  
a refrigerator  
to \$30 that I  
understood, work-  
ed at least twice  
easily have ice  
cost of the ice,  
delivering, was  
people paid. We  
food not allow-  
cost of the ice.  
ving ice would  
I could cook  
and keep it un-

cellar, and the  
material for a re-  
frigerator. I have  
available asset  
understood, work-  
ed established this  
the drain, which  
ings. As the  
was curved I  
ice a level false  
under the cake  
newspapers and  
around the ice  
covered vessels.  
of the washer  
I had Tom  
on a new lid of  
with a clasp to  
washer has  
which well in  
box cost not-

Even  
land working  
were were the  
the same rail-  
to have a job  
they painted a  
back of Pat's  
one him put it  
the donkey's  
turning to the  
Which of you  
cost?" of you

## The Makers' Corner

Butter and Cheese Makers are in-  
vited to send contributions to this  
department, to ask questions on  
matters relating to cheese making  
or to suggest subjects for discus-  
sion.

### Improving Quality of Butter\*

Meek Robertson, Pres. and Mgr.,  
Belleville Creamery Co., Belleville, Ont.  
About four years ago, when attend-  
ing this meeting, I remember a gen-  
tleman being here who used to be pro-  
minent in Ontario creamery work as  
long ago as 15 years. In talking with  
this gentleman he said, "Well, there  
is not much new in creamery work.  
You have just discussed the same old ques-  
tions, as I discussed 10 or 12 years  
ago." When this gentleman told me  
this I knew he was proving his relation-  
ship to Ananias because we had  
discussed subjects at that meeting  
which he had never heard tell of be-  
fore. However, not having my run-  
ning shoes on, and knowing that he  
had a nasty disposition, I did not tell  
him so.

In making an attempt to bring for-  
ward some suggestion to improve the  
quality of Ontario butter, one is in-  
clined to wonder what really is new.  
There may not be much new that could  
be used to improve the quality of our  
butter, but there are a few old schemes  
which are certainly not worn out  
with too much practice. Some of  
these old schemes which are so little  
practised may be enumerated as fol-  
lows: Grading cream, paying accord-  
ing to grade and pasteurizing. These  
three I believe are the most important  
and the least practised. They are  
splendid ideas; but like the dairy cow  
they are unprofitable unless they are  
milked regularly.

#### Grading Cream

Some creameries are in a position  
to refuse poor cream. Where this is  
possible I believe it is better than  
grading. There are other creameries,  
however, which cannot refuse the  
cream. Before it is seen by any offi-  
cial of the creamery it has travelled  
50 or 60 miles by rail and it cannot  
very well be returned although, in our  
own business, we did return four or  
five cans this summer. For creamer-  
ies in general I believe that the grad-  
ing of cream will be their salvation.  
What encouragement has a man to  
take care of his cream when he knows  
his slovenly neighbor is going to get  
as much money for his poor cream as  
the good cream man gets for his?

How is this cream grading system to  
be inaugurated in Ontario? As  
creamery men have been told that  
grading would pay. We have been  
told in two different ways. Some  
packages of butter from Alberta, sent  
to our National Exhibition have told  
us. These packages of butter have  
told us not in words, but in deeds.  
They demonstrated to us in a prac-  
tical way. Again some government offi-  
cials have told us that grading would  
pay. Unlike the Alberta butter, how-  
ever, they have told us only in words  
—not in deeds. It is deeds and action  
we want. Why has Alberta and Sas-  
atchewan adopted grading? Is it  
because they had a Maricar and a  
Wilson? We believe we have just as  
good men as those aforementioned  
gentlemen. The trouble is we have  
many makers, that is, men who are  
marking time, in so far as cream  
grading is concerned. We want a  
leader in this matter and believe that  
this leader should be a government  
official with the necessary power and  
will to act.

#### Grading Must be Honest

Just another point about grading.  
To be efficient it must be honest. Pay-  
ing at the weight of the butter is not  
grading. \*An address at the recent dairy meet-  
ing at the Wm. Davies Dairy School, Dec. 3,  
1914.

ing one cent more in a certain terri-  
tory, simply to keep pace with another  
creamery man's price, is not cream  
grading; it is cream degrading. This  
is where a government official could  
expose the perpetrator of the crime.  
It is a crime, even though it is at-  
present not a criminal offence.

Paying according to grade: Very  
little need be said about this. Per-  
sonally, I believe two grades would be  
sufficient to have the desired result.  
If a patron loses three cents per  
pound butter fat because he sends poor  
cream, I believe it would have the de-  
sired result. When you touch a man's  
pocket, you touch the most sensitive  
member of his nervous system.

Pasteurization: If a creamery man  
does not pasteurize it must be because  
of lack of water, lack of the necessary  
funds with which to buy machinery,  
or because he does not know any bet-  
ter. The time is not coming; it is  
here, when Ontario creamery men  
must put forth their best efforts.  
Consumers are demanding "real but-  
ter."

### A Wave of the Hand

R. F. Flint, in Dairy Record

While driving, recently, with a man  
high in authority in the Federal dairy  
division, I noticed that, as we passed  
farmers working in the fields, he in-  
variably waved his hand at them and  
that he always drew a vigorous re-  
sponse.

Finally he said, "Did you ever plow  
alone in a field, day after day?" In-  
deed I had. "Well then," he said,  
"you will remember what an event it  
was to have some one pass and wave  
his hand. Something you would think  
about for some time; breaking up the  
monotony of a long day and of  
thought-ridden subjects."

Yes, I remembered it all very dis-  
tinctly even more perhaps because I  
had not thought of it for a long  
time. The thought has come back to  
me and forced these conclusions:

That man was a success as a butter-  
maker partly, largely, because he  
"waved his hand" at the patrons  
whenever they appeared at the cream-  
ery or elsewhere within waving dis-  
tance. He was a success in a State  
department position and is a success  
in his present position because he is  
interested in his fellow man and is  
still figuratively and literally waving  
his hand to those in the dairy work.

The buttermakers of to-day must  
take a greater interest in their  
patrons than those of 15 years ago be-  
cause conditions are different.

The successful creamery man of to-  
day is a trade getter in as full a sense  
as the general merchant.

### Seeds at the Winter Fair

The continually increasing interest  
in good seed is reflected in the seed  
department at Guelph. The second  
floor of the City Hall this year housed  
the finest collection of seed exhibits  
ever staged in Ontario. The exhibit  
of the Standing Field Crop Competition  
was particularly attractive. The  
Canadian Seed Growers' Association  
also had an instructive exhibit. The  
competitive class for seed grain, corn,  
small seeds and potatoes were all well  
filled and indicated a good supply of  
seed for next spring's crops. Then of  
course there were individual exhibits.  
Essex county was "nothing but seed  
corn." Right next to it was the  
Dominion Department of Agriculture  
with a small model of a seed corn dry-  
ing house and some of the largest  
mangels and turnips we have ever  
seen. The Dominion Live Stock  
Branch were next in line with an egg  
testing demonstration. The latest de-  
velopment in C. S. G. A. work was  
put to the test in the booth of the  
River Front Corn Centre of Essex Co.,  
Ont.

## CREAM

We say least and pay most.  
Money talks.  
Let us talk to you.  
Write NOW.

Belleville Creamery Ltd.

References: Molson's Bank, Belleville.

## CREAM WISDOM

The old statement that "no fertilizer  
of figure in January will retrieve the  
losses of June" may be applied to  
cream shipping. Our prices have been  
just a little higher than the rest  
throughout the past summer. Dis-  
counting shipping expenses on

Valley Creamery of Ottawa, Ltd.

519 Sparks St., OTTAWA, Ont.

## WANTED

We have again advanced our prices for  
Good Quality Cream. We could use  
yours. It will be worth your while to  
write us.

Toronto Creamery Co., Ltd.

TORONTO, ONT.

## EGGS, BUTTER LIVE POULTRY

Bill your shipments to us by freight. Ad-  
vise us by postal and we will attend to the  
rest promptly.

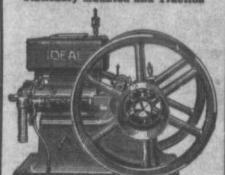
Egg Cases and Poultry Coops supplied  
free.

The Wm. DAVIES Co., Ltd.

Established 1854 TORONTO, ONT.

## GASOLINE ENGINES

14 to 80 H.P.  
Stationary Mounted and Tractor



## WINDMILLS

Grain Grinders, Water Bores, Steel  
New Frames, Pumps, Tanks, Etc.  
GOULD, SHAPLEY & MUIR CO., LTD.  
Brentford Winnipeg Regina Calgary

## COTTON SEED MEAL

\$30.00 PER TON  
Good Lock Brand guaranteed at 95 per cent  
protein. Cash must accompany orders.  
H. FRAEIGH, Box 5, FOREST, Ont.  
Also dealer in Flax Seed, Linseed Meal  
and Poultry Food.

## BOOK ON DOG DISEASES

and how to feed  
it. CLAY GLOVER, V.S.  
118 West 31st St., N.Y.

## Tonight

Plan when you will  
see about taking  
FARM AND DAIRY.

## CREAM WANTED

Patrons of Summer Creameries and  
Cheese Factories. We want your cream  
during the winter months. Highest  
prices paid for good cream.  
Drop us a card for particulars  
Guelph Creamery Co., Guelph, Ont.

## DAIRYMEN'S CONVENTION

THE DAIRYMEN'S ASSOCIATION  
OF WESTERN ONTARIO

## 48th ANNUAL CONVENTION

— AND —  
WINTER DAIRY EXHIBITION

ST. THOMAS

WEDNESDAY AND THURSDAY  
JANUARY 13 and 14, 1915

ATTEND and  
HEAR Instructive Addresses  
SEE Dairy Exhibits  
MEET and interchange ideas with other  
DAIRYMEN.

You are interested in Dairying therefore cannot afford to miss  
the Annual Convention.

Reduced Rates on all Railways For Programs apply to

J. B. MUIR, Pres. FRANK HERNS, Sec.-Treas.  
Ingersoll, Ont. London, Ont.