

The Scoop-Shovel

VOL. I

WINNIPEG, MAN., SEPTEMBER 21, 1925

No. 16

An Appreciation

I was very glad to notice the announcement in the Press of last week, to the effect that the last payment of the Pool brings the price paid to the farmers for their wheat as a result of the operations of the Wheat Pool to \$1.66. Now that the final payment has been made, I should like to express my appreciation of the work you have accomplished and to congratulate you on the successful outcome of your first year's work.

There are unmistakable evidences at the moment that agriculture is recovering from the acute depression of the last few years. I am confident that the operation of the Pools has been one of the chief factors in the creation of the new conditions and is in very large measure responsible for the more hopeful outlook that is manifest amongst the agriculturalists throughout the Province.

I am glad to see that you have substantially increased your membership during the year and have organized a Pool for coarse grains. This extension of the methods of co-operative marketing should have a marked effect upon the economic condition of our farm population.

The success of your organization I am sure will go far to deepen and intensify the co-operative spirit in the minds of our primary producers.

I hope that the Pool will continue to be guided by the same sound judgment as that exhibited during the past year, and I wish for it every success in future.

(Hon. John Bracken, Premier of Manitoba
in a letter to President Burnell).

THE PROGRESS OF THE POOLS

Pools of the Three Provinces have now a Membership of 110,000 with over 17,000,000 acres under contract

The Wheat Pools of Western Canada grew directly out of the experience of the farmers in orderly marketing through the Canada Wheat Board, which sold the entire western wheat crop of 1919. Failure to secure continuance of the Board for the marketing of the 1920 crop compelled the farmers to turn to a voluntary system of their own on a co-operative basis.

The province of Alberta was the first to get a Wheat Pool into operation on a five year basis. The Alberta Pool commenced operations on October 29, 1923, with about 46 per cent of the acreage in wheat under contract to the Pool. In that first year it sold 34,192,805 bushels of wheat at an average price of \$1.03 per bushel.

Saskatchewan commenced to organize a Wheat Pool in the fall of 1923, but was unable to reach the objective set, of 50 per cent of the acreage under wheat, in that year. The campaign for signatures to the contract was, however, continued through the winter and following spring, the objective being finally reached about the middle of June. The Saskatchewan Pool commenced business on September 8, 1924.

The Manitoba Pool was incorporated on January 28, 1924, and on March 10 the drive began to secure contracts for approximately 1,000,000 acres. When the period set for the drive ended 612,000 acres were under contract and the provisional board decided to proceed with organization and to continue the work of securing contracts.

Manitoba Pool Opens

The first annual meeting of the Manitoba Pool was held at Brandon, on July 2 and 3, 1924. The work of the provisional board of directors was approved and the following elected to the Board for 1924-25 from the seven districts into which the province had been divided for administrative purposes: District 1, R. F. Chapman, Ninga; District 2, W. G. Weir, Rosebank; District 3, C. H. Burnell, Oakville; District 4, W. G. A. Gourlay, Dauphin; District 5, J. A. Carlson, Roblin; District 6, A. J. M. Poole, Kelwood; District 7, S. Gellie, Harmsworth. This board elected C. H. Burnell as president, R. F. Chapman vice-president, and appointed F. W. Ransom secretary. The Pool opened for deliveries of wheat on September 2, 1924.

Representatives from the board of the three provincial pools met in Regina on July 28-29, 1924, and it was decided at this meeting to form a Central Selling Agency, under a Dominion Charter, to sell the grain of the three Pools. The Board of the Central Selling Agency is composed of three representatives from each Pool, the Manitoba representatives being the Pool executive, namely, C. H. Burnell, R. F. Chapman and S. Gellie. D. L. Smith, who had been appointed sales manager for the Alberta Pool in 1923, was retained as eastern sales agent for the Central Selling Agency and Chester M. Elliott, manager of the Alberta Pool, was also appointed western sales agent. Mr. Elliott died suddenly in October, 1924, and the position was divided, R. D. Purdy being appointed provincial manager and George McIvor, western sales agent.

Pool Pays \$1.66

From the 1924-25 crop the Pools marketed in round figures 81,000,000 bushels of wheat. The initial price was \$1.00 a bushel No. 1 Northern, Fort William. In the first week in March an interim payment of 35c a bushel straight was made. A further payment of 20c a bushel No. 1 Northern, Fort William was made at the end of July. The final payment was 11c a bushel No. 1 Northern, announced on September 5, making the Pool average to members \$1.66 a bushel, basis No. 1 Northern, Fort William and Vancouver. All three Pools agreed to make the deductions provided for in the contract, of 2c a bushel for elevator reserve and 1% for commercial reserve. The net amount received by Pool members was thus \$1.62½ a bushel, each member being credited with the amount deducted from the proceeds of the sale of his wheat which thus becomes an investment in the Pool properties.

Elevator Policy

Last year the Pools acquired two terminal elevators at the head of the lakes, with a total capacity of 780,000 bushels. Recently they acquired another terminal with a capacity of 1,750,000 bushels, giving them terminal facilities for the handling of 2,500,000 bushels of grain.

The Pools have a working contract with the line elevator companies which provides for the usual handling charge of 1¾c a bushel and an additional ¾c to cover special services for the Pool. On less than carload quantities the charge is five cents a bushel on grades 1, 2 and 3 Northern and six cents on lower grades.

The Manitoba and Saskatchewan Pools have decided to acquire country elevators and the former has now eight and the latter about 85. The Manitoba Pool elevators are located at Roblin, Waskada, Dalny, Durban, Grandview, Meharry, Dutton and Bowsman. These elevators are owned by subsidiary companies created by the Pools, the Manitoba company being incorporated as Manitoba Pool Elevators Limited.

Coarse Grain Pool

The Manitoba Pool has also organized a Coarse Grain Pool. The drive for contracts in this Pool started in March last, the objective being 5,000. The objective was reached in the middle of May and the number of coarse grain contracts is now in excess of 8,000. Saskatchewan has also organized a Coarse Grain Pool with approximately 3,000,000 acres signed up. The Central Selling Agency will thus, this year, handle coarse grains as well as wheat for the Manitoba and Saskatchewan Pools.

Membership in the Pools has steadily increased during the year. The Manitoba Pool commenced with a membership of 7,586. The membership is now 14,500 with contracts exceeding 20,800. The total area under contracts to the three Pools is over 17,000,000 acres, an increase of more than 6,000,000 acres over the acreage when the Pools commenced business last year.

At the annual meeting of the Manitoba Pool at Brandon on July 30-31 last, C. S. Stevenson was

(Continued on page 10)



THE SCOOP SHOVEL

Official Organ of
MANITOBA CO-OPERATIVE WHEAT PRODUCERS
LIMITED

MANITOBA WHEAT POOL

OFFICES: ELECTRIC RAILWAY CHAMBERS, WINNIPEG, MANITOBA
TELEPHONE A7821

COLIN H. BURNELL, *President* R. F. CHAPMAN, *Vice-President*
R. M. MAHONEY, *Manager* F. W. RANSOM, *Secretary*
T. J. MURRAY, K.C., *Solicitor*

Directors:
S. GELLIE, A. J. M. POOLE, W. G. WEIR, C. S. STEVENSON, W. G. A. GOURLAY
Subscription Rate—50 cents per year.

"CO-OPERATION—SERVICE AT COST"

WINNIPEG, MANITOBA, SEPTEMBER 21, 1925

POOL ELEVATORS

BELOW we publish a picture of the first Pool country elevator to open for business. The Saskatchewan and Manitoba Pools have both adopted a policy for the acquisition of elevators and this picture is one of the 85 elevators now owned by the Saskatchewan Pool. The Manitoba Pool has acquired eight and we will necessarily have to go slower than the Saskatchewan Pool because we are not as large as it and have not the volume of grain through which to accumulate an elevator reserve.

It is essential, however, that the Pools acquire elevators, either by purchase or building, as quickly as is consistent with good business. Possession of elevators for the handling of Pool grain will not only give the Pool a better chance to reduce the cost of handling, but will ensure control of the grain. The idea of the Pool is to give the producer control of his produce from the time it leaves the farm until it is in the hands of the ultimate buyer. Through this control it is possible to reduce costs of marketing and thus give the producer a better price for his grain.

"SAVAGE AND INHUMAN"

A party of British journalists touring Canada reached Regina on September 14 and one of the number, Mr. Hugh Martin, of the London Daily News, in responding to addresses of welcome, had this to say about the Winnipeg Grain Exchange:

"In Winnipeg, we saw the great wheat pit with men barking like dogs and roaring like bulls in a most undignified and excited manner, selling some of your grain. Apparently in this province you have got over the idea that your grain has to be sold by the savage and inhuman procedure we witnessed in Winnipeg."

These be harsh words! They excited the indignation of D. C. MacLachan, the new president of the Exchange and through the medium of the Winnipeg Tribune he retorted that Mr. Martin was ignorant of the facts because the wheat pool is a member of the Grain Exchange and "uses the savage and inhuman procedure referred to." He also sug-

gested that Mr. Martin "is not familiar with the produce exchanges either of his own country or of the United States or of Canada" and he concluded his remonstrance by saying that "if we did not belong to those who practise the 'savage and inhuman procedure' we would say to him that he is not merely discourteous, but that he does not know what he is talking about." So there, Mr. Martin

Perhaps Mr. Martin was strong in his language, but the impression he recorded is the impression received by nine out of every ten who visit the Grain Exchange and see the pit in action. Mr. Martin could have seen the same thing in Liverpool, or Chicago or Minneapolis or anywhere where there is open speculation in produce. The things seen in the Winnipeg Grain Exchange are not peculiar to Canada; they are the methods of a particular kind of market. In that Mr. MacLachan is right, but that does not make the methods either rational or dignified. Because the thing is, does not mean that it is the best thing possible. The Pool has to adopt partially the methods of the Exchange simply because it is at present only one in a competitive market. If the Pool controlled all the exportable surplus of western grain it would not need to follow the methods of the exchange. To a very considerable extent it markets grain now without using the facilities of the Exchange and without having recourse to "savage and inhuman procedure," and as the volume of Pool grain increases it will be less and less necessary to join the bulls and bears in their game of out-roaring each other.

It is the system which draws the rebuke and the system is not justified by hurling charges of discourtesy at those who see it in an undignified scramble and believe something better has been devised. These British journalists evidently regard the Pool principle of marketing as a decided improvement on the old system and their commendation and approval is what hurts the supporters of that system. Hence the indignation and the tears.

THE POOL IS SUPERIOR

At the annual meeting of the Winnipeg Grain Exchange on September 9, the retiring President, Mr. C. C. Field, manager of the Norris Grain Company, paid some attention to the Pools in his annual address. He said the Pool uses the Grain Exchange facilities, operates mixing houses and is now operating country elevators. He wondered "just exactly in what the so-called new system differs from the old." Well, it differs from it in one fundamental respect; it is operated for the benefit of the producers of the grain instead of the handlers of grain. That is one vital and important difference.

Mr. Field went on to say: "True enough the Pool distributes the proceeds of its sales in a different way, on the idea of giving the same average price for the same grade—a principle of distribution which ignores entirely all such matters as differences

in the price of land, cost of production, skill on the part of the producers and other factors." That is a most extraordinary statement from the past president of the Grain Exchange. When did the grain trade ever pay for wheat on the basis of the cost of the land on which it was grown, the cost of production or the skill of the producer? Never. Could it ever pay prices on such a basis? It could not, and Mr. Field knows it could not.

Nor does the cost of production in Canada determine the price of wheat. In a market which is open to the world, price is determined by world conditions. There is no need to tell that to the farmers of Canada; they know it by hard experience. When wheat is marketed through private agencies the prevailing market price is taken and that is all there is to it. The Pool, by orderly marketing, by the control of volume, by direct connections and by the elimination of certain handling costs can get a better return for the producers than any private agency. It can market more efficiently, give strength to the selling side in the market and give the producer control of his product right up to the consumer. That is how it differs from the old system and why it is superior to the old system.

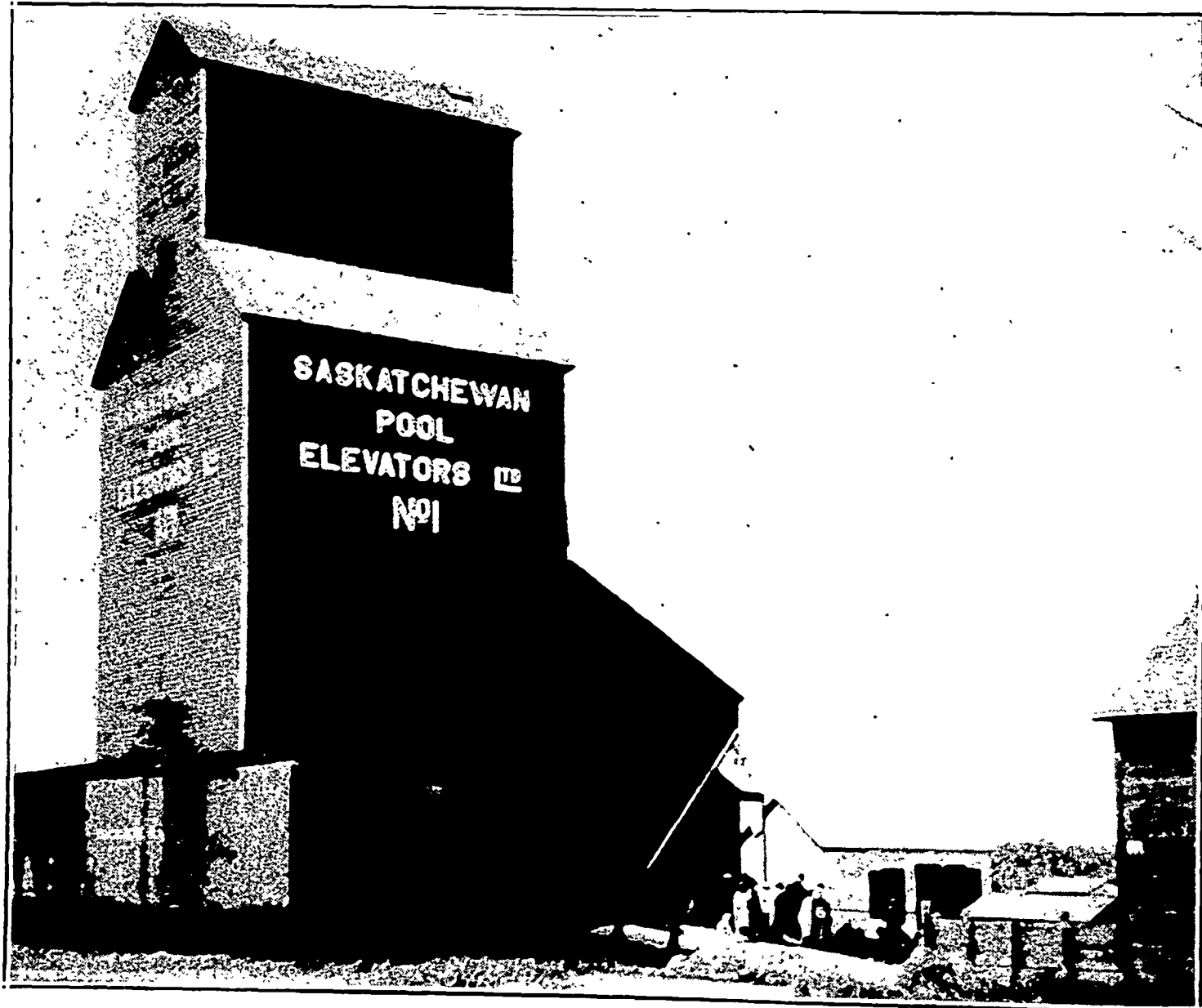
GET THE FACTS

Quite frequently we receive letters in the Pool office which show that the writer has been misinformed on some matter relating to the Pool. Some of the misinformation is doubtless the result of misunderstanding; some of it is pure misrepresentation.

We have to expect some misunderstanding and not a little misrepresentation in a movement so new and so extensive as the pooling movement and one which is cutting deeply into the old order of things in grain marketing. Members of the Pool should not believe all they hear which is adverse to the Pool and which they feel to be contrary to the principles upon which the Pool is founded.

When a member hears something which is contrary to what he expects from the Pool he should make it his business to put the matter before this office and get the truth. A letter to this office asking for information on any point connected with the conduct of the Pool will receive prompt attention. We want our members to get their information regarding the Pool at first hand and to get it right. Do not give credence to all you hear in criticism of the Pool; take a sheet of paper, put on it what you have heard and what you want to know, address it to the Pool office and get the facts.

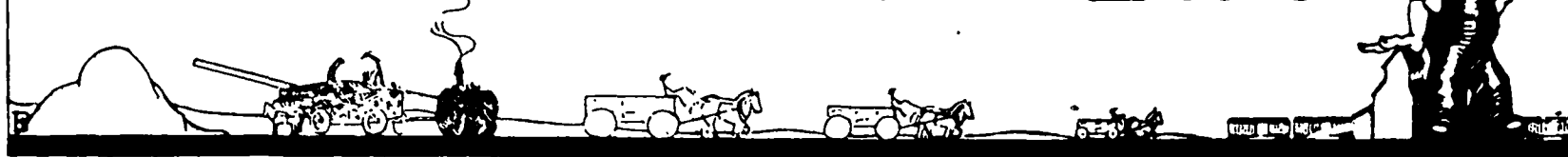
Most farmers in Manitoba know how the Wheat Pool came to be, but memories are short and it is so easy to forget. That is our excuse for looking over the beginning and the development of the Pools in the three provinces in this issue of The Scoop Shovel. The interested pooler should get the facts and figures in his mind and be ready to use them when the opportunity occurs to do some good work for his own marketing organization. The pools have grown wonderfully, but it should be the aim of every member to do his bit in making the membership 100 per cent of the farmers of western Canada.



THE FIRST POOL ELEVATOR.

Built by the Saskatchewan Pool at Bulyea and formally opened on July 1, 1925.

IN THE GRAIN BIN



By R. M. MAHONEY, MANAGER

RE BULKHEADING CARS

WE are having a little trouble due to shippers occasionally building their partition in the middle of the car, making it almost impossible for the terminal to unload the grain without breaking down the bulkhead.

In bulkheading a car, the full doorway must be left clear and the partition built on one side of the door. This gives the full width of the door for unloading the big end of the car, after which the partition is torn down and the balance of the car unloaded.

Any time a bulkhead breaks, it causes a mixture of grain, which means a loss to the grower. Always build your bulkhead strong, and in bulkheading, try to make your combination as to load grains that will not be so difficult to separate if the bulkhead breaks. For instance, flax can be bulkheaded with any other grain as, if a mixture occurs, it is easily separated. Avoid, if possible, bulkheading barley and wheat, rye and wheat, or barley and rye.

We quite appreciate that it is not always possible to pick just the sort of grain you want to load in a bulkheaded car, but if your two grains will make a bad mixture or a mixture impossible to separate, be doubly careful in building your bulkhead.

There are two methods of building bulkheads. The first method is the cheapest, and we think the best. If you cannot purchase lumber locally, and have to use car doors, the second method is alright, but remember that you pay the Railway Company for the grain doors used.

In building a bulkhead, first figure out the amount of grain to go in each end of the car; then measure off the car so that you will have enough room for all of each kind of grain.

Bulkhead Built of Lumber

Buy two pieces of 2x4x14', and usually five or six pieces of 18' shiplap. One piece of 2x4x14' is cut in half and nailed on each side of the car. Each piece of shiplap makes two lengths with a little over. They are placed one on top of the other, and nailed to the side braces.

When the bulkhead is the proper height, cut the other piece of 2x4 to the right length, and use one piece as a centre brace. Nail shiplap to this brace; then cut off about one foot of the piece of 2x4 left, and use as a brace on the floor for the bottom of the centre upright, and use balance of 2x4 for a brace from top of centre upright to floor.

Paper inside of bulkhead to ensure safety from cracks in boards.

Bulkhead of Grain Doors

In the event that you use grain doors, the Railway Company will charge you \$7 for them. The following is a satisfactory method of building this sort of a bulkhead:

Nail a piece of 2x4 on each side of the car as braces for the grain doors. Nail grain doors securely

to these braces. Put a small brace against grain doors on the floor in the centre of car and then put a brace from top of grain doors to floor. The grain doors should also be nailed together in centre of the car.

Cost of Bulkheading

The expense of bulkheading is the lumber you buy or the grain doors you use, one cent per hundred pounds extra freight and \$5 for the removal of each bulkhead. Thus in loading 80,000 lbs., if you used grain doors you would have an expense of:

Grain doors.....	\$7.00
1c per hundred pounds extra freight.....	8.00
Removing bulkhead.....	5.00

\$20.00

or equivalent to approximately 1½c per bushel.

SUBJECT TO GRADE TICKETS

In the last issue of "The Scoop Shovel" where I dealt with subject to grade tickets, I was in error in saying that no grade or dockage would be specified on the subject to grade and dockage ticket.

The new Grain Act sets out specifically that the elevator agent must place on the ticket the grade he offered, although this grade is not binding in any way.

Whether the elevator agent issues a cash ticket or a graded storage ticket, in the event of your not being satisfied with the grade, a sample may be sent in under the regulation governing subject to grade grain, and the inspector's grade will be final. The cash ticket or graded storage ticket, which must also show at the time of issuance that it is a subject to grade ticket as well, will be changed to conform with the Inspector's grade and dockage.

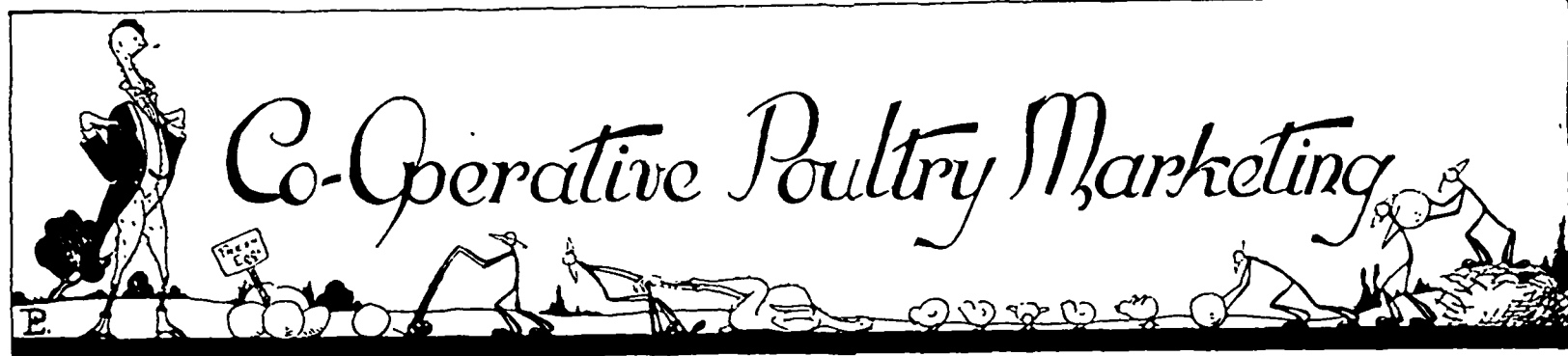
ELEVATOR SHIPPED CARS

We are receiving from members many advices of shipment of carlots of Pool grain shipped through country elevators. This is really unnecessary as Pool grain put through country elevators is shipped by the elevator company to their own terminals; grade and dockage are checked by them; the initial settlement is sent out by them; and the grain is only turned over to the Pool after it is unloaded in the elevator company's terminal. We never see the bill of lading, the inspection certificate, sample, settlement or anything in connection with a car through an elevator until the grain is unloaded and delivery is reported to us by the elevator company.

It is only on platform cars billed direct to us that we can check the grade, unload in our own terminals and forward settlement.

If you want reinspection, provided your car does not grade up to your expectations, or any special service on an elevator shipped car, you must, according to the elevator contract, communicate with the elevator company direct or through their agent.

(Continued on page 11)



Manitoba Co-operative Poultry Marketing Association Limited

W. A. Landreth, President and Field Organizer

A. W. Badger, Vice-President

D. W. Storey, Sec'y-Manager

DIRECTORS

W. A. Landreth, Lauder
D. W. Storey, Hartney.
A. W. Badger, Carman
W. S. Patterson, Boissev'n

DIRECTORS

Geo. Gordon, Oak Lake
W. B. Martin, Shoal Lake
C. Howden, Goodlands
C. C. Milne, Morden
Dr. H. N. Thompson, Virden

Head Office: Hartney, Manitoba

MARKETING CULLED HENS

THE Association this year, with the assistance of the Manitoba Agricultural Extension Service who attended to the culling, and the Dominion Live Stock Branch who grade the produce at the cars, has completed an early season of successful operations in the marketing of culled hens. This is possibly the most difficult product we have to market, necessitating a great deal of organization and detail work on the part of our locals. We are grateful indeed, for the assistance and work our local committees have accomplished, very often, we know, under rather difficult circumstances.

It is to be regretted that many enterprising and intelligent farmers are still of the opinion that any kind of a hen is a good hen: as one farmer said, to one of the boys who were culling, "Don't cull that hen, she is the best hen we have, we have had her since before the war." It is an established fact that hens over two years old do not show a profit, in fact it is hard to estimate how much some of these old hens have cost their owners, since they ceased to produce. However, the demand for culling service is growing every year. We regret that we were unable to give the service to all districts who requested it this year, but we hope to be able to include these districts in our next year's program.

The number of cars marketed this year was 9, or approximately 110,000 lbs. The final settlement will be going forward in the course of a few days, and we feel it will be satisfactory to our shippers.

EGG POOL FINAL PAYMENT

As notified in the last issue of the Scoop Shovel, our three Egg Stations closed for the season on Sept. 1st, and we are now in the midst of getting out the final pool payments for the season, which we hope to post to our members in the course of a few days.

During the period of operations from April to Sept. 1st, we handled 47 cars of eggs. This is 33 cars in excess of the number handled last year. These figures are most gratifying and only go to show what can be accomplished when the true spirit of co-operative marketing is entered into.

Whilst our percentage of the higher grades of eggs is not so high as last year owing to unfavorable climatic conditions, we feel that our grading has been impartial and in accordance with the regulations governing same. We are pleased to state that

our product has met with a ready demand on the eastern markets and has commanded the highest prices obtained for western pack this season.

We feel confident that our final pool payment, which is net to the shipper, and is on the following basis, will be received with satisfaction and will show much better average price than was received last year.

Extras 28c, Firsts 25c, Seconds 21c, Cracks 16c.

Reduction of Spread

Our cost of handling, which includes freight both ways on eggs and empty cases, new cases, flats, fillers and excelsior pads for the product, candling costs, salaries, rentals, insurance, cartage, etc., amounts to approximately 5c per dozen.

What we wish to point out is the difference in spread between the prices received by producers previous to the establishment of the pool and the re-sale prices in car lots, obtained by the produce trade. Last year in unorganized territory this spread averaged approximately 13c per dozen. This season, under the operations of this association, this spread has been reduced to approximately 5c. Ask yourself what you have accomplished by supporting the Manitoba Co-operative Poultry Marketing Association.

We would like to see every member pledge themselves to get a new member for next season. Tell your neighbors who are not members, what you have received from the pool, and we feel sure that next year will see us with a large increase in our membership.

DRESSED POULTRY SHIPPING

Very shortly we will require an estimate from our local secretaries as to the number of birds available for dressed poultry shipping in each local district, in order that the necessary requisitions be known and orders placed for our supplies. This is important, and we wish our shippers to respond to the appeal of the secretaries when same is made, as in the event of shortage of boxes or other supplies only those will be taken care of who have responded earliest. Your association is particularly anxious to avoid any disappointments caused through shortage of supplies on the ground this season, and in order to accomplish this end we must know what requirements are necessary in ample time. This can only be done by direct information from our shippers, early in the season. We are endeavoring to give the best of service this year, but it is impossible for us to do this on "11th hour requests." Your association expects to operate over a very large portion of the province this season in shipping dressed poultry, and must be posted early. The success of our dressed poultry shipping operations depends largely on the co-operation of our shippers.

Every business should have a man at its head who is ahead of the times, so that the business may not go behind the times.

Know Your Shipping Secretary

For any information on the Pool apply to the Pool Secretary at your nearest shipping point. Below is the continuation of the list of secretaries which was published in the last issue of The Scoop Shovel.

Shipping Point Secretary Post Office

ST. CLEMENTS

East Selkirk..... Murdock McLeod .. East Selkirk

SHELLMOUTH

Ingles..... Herb. John Adams .. Ingles
Cracknell..... E. Bryant..... Russell
Endcliffe..... G. S. McLennan..... Shellmouth
Shellmouth..... Thos. C. Garnett..... Shellmouth
Dropmore..... John Birnie..... Dropmore
McNutt, Sask..... Jas. C. Hunter .. Dropmore

STANLEY

Not Reported—

SILVER CREEK

Silverton..... John Crerar..... Silverton
Angusville..... N. A. Robertson .. Angusville

SIGLUNES

Moosehorn..... John Haglund .. Moosehorn

SHOAL LAKE

Shoal Lake..... C. S. Stevenson..... Shoal Lake
Kelloe..... Wm. Patterson..... Kelloe
Bryd Siding..... Lincoln Cuntz..... Shoal Lake
Oakburn..... D. A. Black .. Oakburn
Ipswich Siding..... J. L. Campbell..... Shoal Lake
Menzie..... Jos. Hepworth .. Menzie

SPRINGFIELD

Dugald..... Peter H. Hudson..... RR Bx 317
Winnipeg
Oak Bank..... Stanley G. Smith..... Dugald
Hazelridge..... A. A. Fisher..... Hazelridge
Millbrook, Anola
and Vivian..... ?
Springfield..... John M. Black..... Springfield

ST. ROSE

St. Rose..... C. T. Tucker .. St. Rose

SWAN RIVER

Swan River..... Geo. Dickerson..... Swan River
Bowsman..... E. C. Shinn..... Bowsman
Kenville..... H. Mortimer..... Kenville
Durban..... R. W. Glennie..... Durban
Benito..... Neil Wright..... Benito

SASKATCHEWAN

Rapid City..... Thos. L. Smith..... Rapid City
Pettapiece..... R. R. Short..... Pettapiece
Riverdale..... G. C. Heslop..... Rapid City
Varcoe..... David G. Long..... Rapid City
Moline..... H. Hindson..... Moline
Basswood..... P. E. McNabb..... Minneodsa

SIFTON

Routledge and
Mayor Sidings..... Geo. T. Scott..... Oak Lake
Oak Lake and
Algar..... Geo. Gordon..... Oak Lake
Griswold and
Rolston..... Roy W. Doherty..... Griswold
Denbow..... W. J. McSorley..... Deleau
Deleau..... E. P. Robson .. Deleau
Findlay and
Davis Siding..... M. A. Phillips..... Findlay
Bellevue..... Geo. R. Campion..... Bellevue

STRATHCONA

Belmont..... W. J. McPhail..... Belmont
Hilton..... Frank Webster..... Hilton
Neelin..... ?

STRATHCLAIR

Strathclair..... C. T. Garney..... Strathclair
Elphinstone..... John Morton..... Elphinstone

SHELL RIVER

Roblin..... Thos. J. Kelly .. Roblin
Deepdale..... Geo. R. Ward..... Deepdale
Makaroff..... Wm. Pound..... Makaroff
Togo, Sask..... M. Bangle..... Togo, Sask.

TACHE & RICHOT

Not Reported—

TURTLE MOUNTAIN

Killarney..... D. N. Finlay..... Killarney
Lena..... D. L. Stewart..... Lena
Anderson Sdg..... E. D. Magwood..... Killarney
Holmfild..... S. Fletcher..... Holmfild
Wakopa..... E. A. Horrocks..... Wakopa
Louise Siding..... R. Whitesides..... Holmfild
Roads Siding..... C. Davidson..... Killarney
Ninga..... Jos. Hicks..... Ninga
Enterprise..... Ben Brown..... Smith Hill

Shipping Point Secretary Post Office

THOMPSON

Rosebank..... Tom Bruce..... Carman
Miami..... Chas. G. Kennedy..... Miami
Deerwood..... Alex. McDowd..... Deerwood

VICTORIA

Pratt..... Duncan McGregor .. Holland
Holland..... W. J. Lovie..... Holland
Landseer..... Hugh Ross..... Holland
Cypress River..... J. G. Richmond..... Cypress Rvr.

WOODWORTH

Lenore..... Donald Noble..... Lenore
Blossom Siding..... W. J. Cormack..... Kenton
Kenton..... Gordon Hunter..... Kenton
Harding..... G. A. Todd..... Harding

WESTBOURNE

Tenby..... Jas. Griffith..... Tenby
Ogilvie..... J. J. Jamieson..... Ogilvie
Gladstone..... D. A. Broadfoot..... Gladstone
Golden Stream..... J. E. Thompson..... Golden Strm
Muir..... A. R. H. Furby..... Muir
Katrime..... Walter Gilbert..... Katrime
Mayfeld..... Archie McIntosh..... Mayfeld
Helston..... David Patterson..... Berton
Cobby..... W. J. Watson..... Plumas
Plumas..... H. McLaughlin..... Plumas

WALLACE

Virden..... John G. Robertson..... Virden
Hargrave..... Amos Odell..... Hargrave
Two Creeks..... Wm. Morton..... Two Creeks
Harmsworth..... H. E. Green..... Harmsworth
Elkhorn..... W. E. Crawford..... Elkhorn
Kirkella..... Wm. H. Jaffray..... Kirkella

WINCHESTER

Deloraine..... Parker W. Perry..... Deloraine
Naples..... Andrew McGregor .. Deloraine
Liege..... Geo. Perry..... Deloraine
Coatstone..... Wm. Brown..... Deloraine
Hazeldean..... W. J. Renton .. Deloraine
Regent..... R. Sexton..... Regent
Dand..... R. H. Tierman..... Deloraine
Hathaway..... G. R. Sexton..... Regent
Leighton..... Alex. Innes..... Deloraine

WHITEHEAD

Kemnay, Roseland,
and Villette..... Jas. Topham..... Kemnay
Alexander and
Ashbury..... Jas. McManes..... Alexander
Beresford and
Rattray..... D. Davison..... Beresford
Terence..... Herbert J. Green..... Souris RR1
Merle..... H. Hinchliff .. Souris RR1

WHITEWATER

Elgin..... Geo. Ross..... Elgin
Fairfax..... Percy H. Chambers .. Fairfax
Minto..... John G. Scott..... Minto
Minmar..... A. A. McMillan..... Minto
Heaslip..... Wm. E. Campbell..... Minto
Bunclody..... John A. English..... Carroll

WOODLANDS

Warren..... H. H. McIntyre..... Warrenton
Marquette..... W. P. Tully..... Marquette

ADDITIONS

The following additions should be made to the list which appeared in the August number.

Shipping Point Secretary Post Office

ARGYLE

Greenway..... H. G. Strang..... Greenway
Baldur..... C. Vickers, Jr..... Baldur
Glenora..... J. M. Cruikshanks .. Pilot Mound

BROKENHEAD

Beausejour..... H. Bush..... Beausejour
Tyndall..... C. Bartley..... Tyndall

DUFFERIN

Roseisle..... C. P. Landles..... Roseisle

ELLICE

Chillon Siding..... F. C. Ryan..... Foxwarren

GREY

Fannystelle..... O. Hamel..... Fannystelle
Culross..... B. O. Wise..... Culross

Shipping Point Secretary Post Office

LAKEVIEW

Langruth..... J. Valdimarson..... Langruth
Alonsa..... W. Wilson..... Bluff Creek
Box 12

LORNE

Mariapolis..... J. Allard..... Mariapolis

NORTH NORFOLK

Beaver..... T. Annisson..... Beaver
Bagot..... Jas. Barrett..... Bagot
Pratt..... Alf. Snaith .. Pratt
MacGregor..... Geo. Booth..... MacGregor
Rossendale..... W. G. Henry..... Rossendale
Austin..... Geo. Hotel..... Austin
Edwin..... Wm. Rodger..... Edwin
Hugo..... Ross Walker..... Austin
Sidney..... A. C. Sharpley .. Sidney
Pine Creek..... W. F. Stewart..... Pine Creek

ODANAH

Cordova..... T. Wood..... Cordova
Rufford..... W. J. Bray..... Rapid City
Moore Park..... R. C. Mansfield .. Moore Park
Odanah Siding..... H. Fulton .. Rapid City
Franklin..... R. White..... Franklin

PORTAGE

MacDonald..... J. H. Elgert..... MacDonald

PEMBINA

Binney Siding..... Jas. Wray..... Manitou
Snowflake..... F. F. Smith..... Snowflake
Kaleida..... W. W. Maloney..... Kaleida
Darlingford..... ?

ROCKWOOD

Gunton..... E. Fraser..... Gunton
Stonewall..... W. Montgomery .. Stonewall

ROSSER

Moor..... Lyle Lawrence..... RR2 Wpg.
Gordon..... J. W. Morrison..... RR2 Wpg.
Box 243
Lillyfield..... H. Buckle..... Dickens
Bergen..... W. T. Hutton..... Rosser
Stony Mountain T. Whitehead..... Lillyfield
Rosser..... J. E. Bergey..... Rosser
Headingly..... O. Phillipi..... Headingly
Meadows..... A. Hunter..... Meadows
Grosse Isle..... T. Leffy..... Grosse Isle

ROSEDALE

Birnie..... Geo. Lang..... Birnie

LOCAL SECRETARIES

Local Secretary Post Office
Albert..... J. A. Waters..... Pipestone
Argyle..... C. Vickers, Jr..... Baldur
Arthur..... E. C. Ramsay..... Waskada
Archie..... F. C. Bell..... McAuley

Bifrost..... I. Ingaldson..... Arborg
Birtle..... J. W. Ewbank..... Birtle
Blanshard..... C. E. Winstone..... McConnell
Boulton..... Jas. Jackson..... Inglis
Brenda..... J. L. Stewart..... Goodlands
Brokenhead..... John Szajewski..... Cromwell

Cameron..... H. M. B. Clark..... Hartney
Cartier and St.
Francis..... H. Chas. Payment..... Elie
Clanwilliam..... O. W. Strand..... Erickson
Cornwallis..... J. E. Fardoe..... Drawer 180
Cypress, South..... John Witherspoon..... Glenboro
Cypress, North..... W. Stanley Rogers..... Brookdale

Daly..... G. L. Davies..... RR1 Rapid
City
Dauphin..... B. F. Boughen..... RR1 Dauphin
De Salaberry..... Roy Tolton..... Otterburne
Dufferin..... J. F. Russell..... RR1 Carman

Edward..... Barnard Robinson..... Lyleton
Ellice..... W. T. McDonald..... St. Lazare
Elton..... J. D. Mitchell..... Box 158,
Douglas
Eriksdale..... H. Grainger..... Eriksdale
Ethelbert..... Mike Seniuk..... Ethelbert

Franklin..... A. C. Hunter..... Green Ridge

Gilbert Plains..... Henry Bell..... Gilbert Pns.
Glenella..... W. Tompkins..... Glenella
Glenwood..... J. H. Messenger..... Bx 184 Souris
Grandview..... Watson Grossley..... Grandview
Grey..... Jas. Shearer..... Elm Creek

(Continued on page 13)



Pres.: Wm. Grotike, Stonewall Vice-Pres.: N. Breton, Letellier
 Sec'y-Treas.: Gordon W. Tovell, Winnipeg
 Manager: Alex McKay, Winnipeg

DIRECTORS

G. Hildebrandt, Whitemouth G. Fjeldsted, Gimli
 W. R. Wood, Winnipeg W. A. Black, Beausejour
 Chas Tully, Reaburn

TESTING CREAM AND MILK

TO insure co-operative success we must be thoroughly informed on the different points in connection with the operations as we go along. In the last issue of this paper we discussed grading and its importance in connection with the improvement of quality of butter and the ultimate price that the producer may receive for his product. In this article we wish to dwell on the testing of cream as a means of dividing the proceeds among the shippers.

The testing of cream and milk is not very well understood by the average shipper. The test is only a scientific means whereby the buttermaker or his assistant is able to determine the percentage of pure butter oil contained in a certain quantity of cream. To make this test requires a delicate scale to weigh out exactly eighteen grams of the cream tested, then to this is added sufficient sulphuric acid to dissolve the caseous matter in the milk and liberate the fat. This is then placed in a centrifuge where the fat is forced to the top on the same principle as you separate your milk, then hot water is added to float the fat into the neck of the bottle to enable the operator to read the percentages on the graduated neck of the bottle, the whole being maintained at a consistent temperature for reading.

No Careless Work

This work can be performed perfectly accurately, providing the operator is careful: if he is not he has no place in creamery practice, as the fat is too valuable a product to allow careless work at any time. We do not believe that any creamery doing business will allow anything but perfectly accurate tests to be made, and any cream canvasser who tells you, as a shipper, to ship to his company to get better tests, is either deliberately lying or slandering his company unknowingly, as we are firmly convinced that all testing is done as accurately as it is humanly possible to do it. The law also protects the shipper from any manipulation of the tests, as each operator is supposed to carry his samples over for at least twenty-four hours and an inspector has the privilege of checking up these samples, also of going to the cream sheets to see that the patron is paid according to the correct test. We have not heard of any prosecutions, so we believe that the tests are honestly and truly made by all operators. Also, if we are going to get the best out of the industry we must have confidence in each other.

Why Tests Vary

You may ask, why does my test vary? This is a very perplexing question to the average shipper of milk or cream. One of the great reasons for variations is that the milk of a herd of cows may vary

from one to two percent of fat during a short interval. In work done at Purdue University the milk of two separate herds was tested for fifteen days. In the first herd the variations were from 4.1 to 5.2 percent of butter fat, while in the second herd the tests varied from 3.7 to 4.4. This shows quite clearly that the fat content of cow's milk is not by any means constant.

Now, if you are separating your milk and selling it to a creamery you have your separator set to take a certain percentage of your milk as cream. What is cream? It is pure butter oil with a small portion of the milk left in it. Then, for example, suppose that your separator takes fifteen per cent of your milk as cream, this would mean that for every 100 lbs. of milk separated you will have 15 lbs. of cream. Suppose we use the foregoing variations; for instance, say that your milk tested 4.1 per cent of fat. This means that for every 100 lbs. of milk you have 4.1 lbs of fat, but you run this through your separator which takes nearly all the fat out with this 15 lbs. that it takes off as cream. You still have your 4 lbs. fat in this 15 lbs. of milk and fat, which is cream, but there are 11 lbs. of milk with the four lbs. of fat where in the original milk you had 4.1 lbs. of fat and 95.9 lbs. of skim milk. But suppose, for the sake of illustration, you lost the one tenth percent of fat in the skim milk, leaving four lbs. fat and eleven lbs. milk—what percentage of fat would be in your cream? It would be $\frac{4}{11} \times 100$ which gives 36 per cent of fat in your cream. Let us now suppose your cows gave milk testing 5.2 per cent as the herd mentioned did. Using this in the same way as above, separating 15 lbs. from 100 lbs. of milk, we would have 15 minus 5 or 10 lbs. of milk to 5 of fat, roughly speaking. To find the percentage we will use the same illustration, 5 lbs. fat divided by 10 lbs. milk, $\frac{5}{10} \times 100$ which gives 50 per cent of fat in the cream instead of 36 per cent. Suppose now that the following week the weather became excessively hot and flies very bad so that the percentage of fat in the milk dropped to say 3.5, we find it would work out like this: 15 less 3.5, gives 11.5 lbs of milk; then 3.5. multiplied by 100 and divided by 11.5 gives 27 per cent of fat. These variations are quite wide, but will give you a very good idea of the effect variations in the milk will have on the percentage of fat in cream.

Other Causes of Variation

There are also a number of other reasons why cream tests vary. Though the percentage of fat in the milk is one of the greatest sources of variations, others might be mentioned, as mechanical influences. For instance, the speed of the machine: the higher the speed, other things being equal, the higher the test of the cream, as a greater force is applied to the milk passing through the bowl of the machine. This changes the percentage taken off as cream, or in other words extracts more skim milk from the fat content of the milk.

(Continued on page 15)



This page conducted by UNITED LIVESTOCK GROWERS LIMITED, WINNIPEG

A GREAT SELLING AGENCY

HERE are a few facts about United Livestock Growers Limited which every producer of Livestock should bear in mind.

Thousands more producers in Western Canada ship livestock to this organization than to any other livestock agency.

Many more customers buy livestock from United Livestock Growers Ltd. than from any other Western Canada agency.

It was this organization which alone made possible the inauguration and development of co-operative livestock shipping.

It was this organization which worked out and inaugurated co-operative cattle selling, the greatest improvement in the selling of livestock which has been made in many years. It is only through United Livestock Growers Ltd. that co-operative cattle selling is carried on.

United Livestock Growers Ltd. has developed the shipment of stocker and feeder cattle direct from western yards to the farms of hundreds of purchasers, not only in Western Canada, but in Eastern Canada and in the United States. It has thus enlarged the market for stocker and feeder cattle.

More than \$75,000 has been distributed in patronage dividends, but this is a small part of the benefit which producers have had from the existence of this organization. Livestock have many times been sold for more money than would have been the case had there been no such agency at work.

United Livestock Growers Ltd. is on a completely co-operative basis, distributing profits in the form of patronage dividends to producers.

It is evident from these statements that livestock producers have not only a completely co-operative livestock agency working for them, but one which from its record, its organization and its achievements may properly be called a great selling agency.

HIGH PRAISE

High praise for the efficiency of United Livestock Growers Ltd. is contained in the report which the Investigational Committee of the Saskatchewan Livestock Pool Investigational Board recently made. Here are some of the complimentary references to the work of the company in that report.

"During the 11 years the company has been in operation it has undoubtedly built up a most efficient system of machinery for selling livestock, having offices at Edmonton, Calgary, Moose Jaw and Winnipeg in Western Canada, being also in touch with buyers in Eastern Canada and the United States."

"The majority of these (livestock shippers) expressed satisfaction with the treatment received. Settlements were promptly made and prices were well in line with market quotations."

"In case of a large volume of livestock, pool

officials are able to sort out, select and place animals of similar type and conformity together, so that feeders for stockers or packers' requirements are placed together in separate lots and everything is done to make the stock when offered for sale attractive to the buyer. In this way a ready sale and top price is secured."

"We were very favorably impressed with this way of disposing of livestock. From what we saw and heard we were also persuaded that the company deserves great credit for the good judgment exercised in selecting its chief officials."

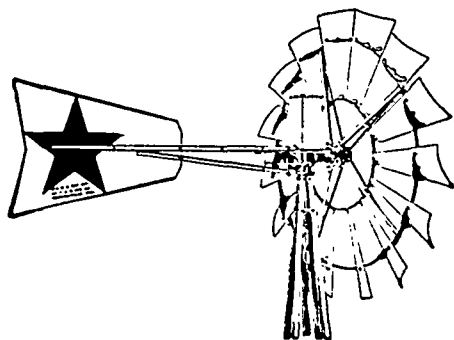
"We are satisfied that the appraisal method of settlement with the producer is a great improvement on the old way of selling. It provides the possibility of selling the stock under conditions where there will be less loss entailed and more satisfactory prices secured. The U.G.G. have done a great service to the stock-raising farmers of the West by bringing this method of settlement into operation."

These complimentary references are all the more striking because the Investigational Committee, when it dealt with the form of organization of the company was not as flattering. It preferred, as more in line with democratic and co-operative ideas, the organization of the Central Co-operative Commission Association, operative on the yards at South St. Paul. Differences of opinion on this point are not important, because as is well understood, there is no single type of co-operative organization suitable to every set of circumstances. Indeed the organization of the Central Co-operative Commission Association would be objected to by many as not being in line with their ideas of how a co-operative organization should be organized and many people would prefer this company's organization.

"Buy Western Stockers and Feeders by Mail." That is the heading of an advertisement which United Livestock Growers Ltd. recently placed in a number of Eastern publications. The mail order business of the cattle pool in stockers and feeders is rapidly increasing, as customers at a distance learn that they can buy well sorted cattle from the Pool to meet their requirements. Direct shipment from Western stockyards to the farms of purchasers makes for lower cost of handling, and profits both producers and purchasers.

Demand for breedy stocker and feeder cattle, dehorned and in good condition is strong. Lately the Pool has been sending about half of its offerings to the United States, and half to Eastern Canada. Such cattle have been worth up to \$4.50 per hundred at Winnipeg. It is much easier to dispose of the kind that are worth the top price than the lower grades. The Pool could dispose of hundreds more cars of such cattle than are available or in sight just now. It is the lower grades that are hard to sell.

**CATER'S
NEW
'STAR'
WINDMILL**



**The
Latest
Model
Running in
Oil**

Has Ball Bearing Turn Table.

Has Double Pitmans, Double Gears.

Has Direct Center Lift to Pump Rod.

All working parts enclosed in a Crank Case, fully protected from dust, dirt and snow, only requires oiling once a year. **ABSOLUTELY GUARANTEED.** A special price given till end of 1925.

CATER'S Wood and Iron Pumps lead in Quality all over Canada.

For further information and prices address:

H. CATER - Dept. P - BRANDON, MAN.

**Train for Business
In Winnipeg**

Where Positions are Plentiful

The Success is a strong, reliable school. More than 26,000 men and women have taken Success Courses since 1909. New students may enroll at any time. Write for Free Prospectus.

THE

Success

BUSINESS COLLEGE

Limited

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**LEAF
TOBACCO**

"Regalia Brand"

Choice Quality Full Flavored

Free Smoking

5 lb. Assorted Brands \$2.25

postpaid

RICHARD & BELIVEAU COY.

334 Main St., - Winnipeg

A Chinese truckman in San Francisco sent the following bill to a grocer for delivering orders:

10 Goes }
10 Comes } At 50c a Went ... \$5

**THE PROGRESS OF THE
POOLS**

(Continued from page 2)

elected to the Board of Directors for District 5 in the place of J. A. Carlson. All the other members of the Board were re-elected and the Board re-elected C. H. Burnell president and R. F. Chapman vice-president.

The growth of the three Pools has been steady and persistent. Contracts continue to reach the office of the Manitoba Pool at an average of fifty daily. To date the Manitoba Pool has received out of the new crop, one-third of the total platform cars it received last year. That may be taken as an indication of the greater business it will do this year.

Newark, N.J.

"Thanks for sending cheque. It is a very fine showing and the Pool is to be congratulated. It augurs well for a stable market in the future."

REV. DAVID ALEXANDER
(late of Swan River.)

Durban, Man.

"I am very well pleased with the results from the Pool so far and may it continue to grow and prosper."

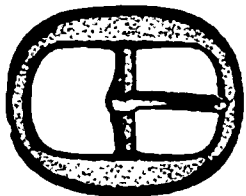
P. MILROY

**A MUCH REDUCED PRICE ON MY No. 66
FANCY WAGON HARNESS FOR SEPTEMBER**

A value you will not find the
equal of elsewhere

Take your choice in Traces of 2 in. with 1½ in. layer as shown. 1½ in. 3-ply or 2 in. 2-ply at same price.

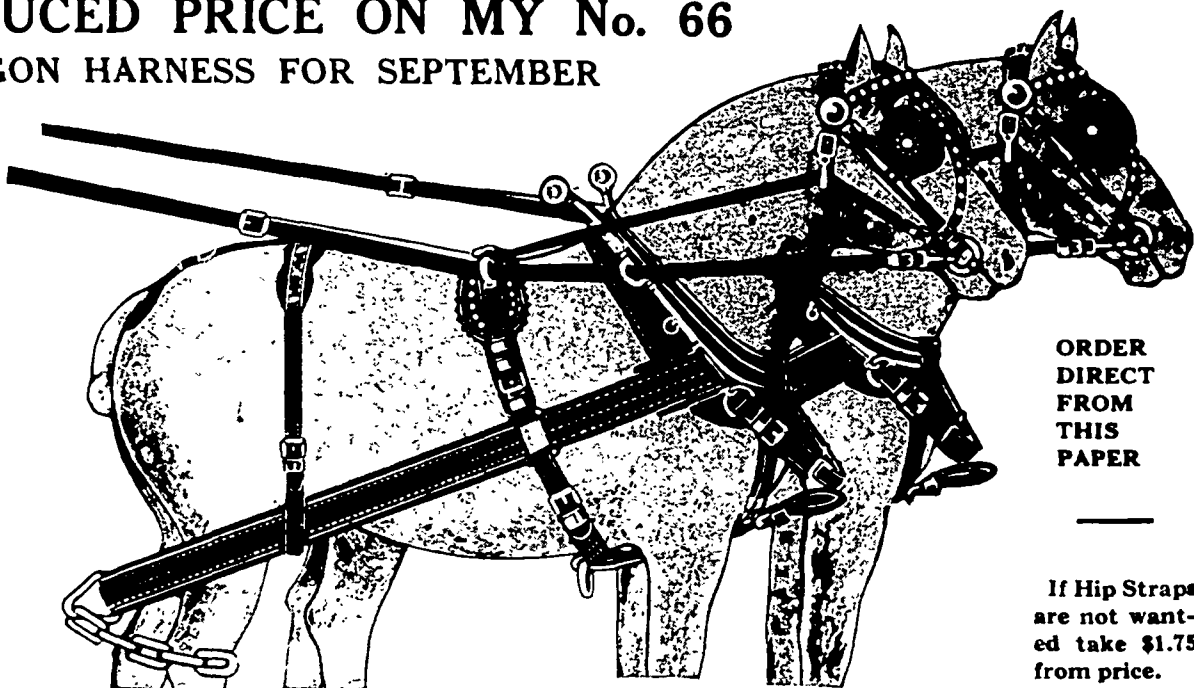
READ CAREFULLY



I will supply this set as shown, with solid brass trimming throughout and with the style of buckle shown above complete less collars for only

\$52.00

Order direct from this paper and address to



ORDER
DIRECT
FROM
THIS
PAPER

If Hip Straps
are not want-
ed take \$1.75
from price.

DESCRIPTION:

Bridles—¾ inch box loop cheeks, brass spotted fronts, face pieces and blinkers, long checks to pads, brass rosettes and japan buckles.
Lines—1 inch by 21 feet, with snaps. Sewn billets.
Hames—Dreadnaught steel, bolt style with large brass balls.
Hame Straps—1 inch by 22 inches long, select.
Traces—2 inch, layer style, with 1½ inch layer going round rings, hame bolts and heel chains, and 2 inch 3-row hame tugs.

Pads—Fancy swell pattern housings, felt lined, brass spotted, 2 inch skirts, 1½ inch billets and japan hook and terrets.
Breast Straps—1½ inch with snaps and slides.
Martingales—1½ inch, with ring and collar straps.
Bellybands—Wide, heavy fold with layers.
Back Straps—¾ inch, with trace carrier and round crupper with ¾ inch hip strap and spotted safes.
Spreaders—Brass chain.
Trimming—Brass and japan.

\$49.00

THOS. McKNIGHT :: 140 Princess St. :: WINNIPEG, Man.

ELEVATOR SHIPPED CARS*(Continued from page 5)*

If, of course, when you receive your settlement or inspection advice on a car through an elevator, you are dissatisfied and feel you have not been given fair treatment, if you will give us full particulars, we are only too glad to take the matter up with the elevator company and do anything we can for you.

It is particularly confusing to receive an advice covering shipment of such a car, where no particulars are given, the advice simply reading: "I have shipped car so and so. Look after grading." We search for the bill of lading and inspection certificate, thinking it is a platform car, only to find after much time has been needlessly spent, that the grain has been shipped through an elevator.

BILLING PLATFORM CARS

Many growers are loading their grain over the platform and billing cars to their own order and advice. This entails considerable work and correspondence in this office at a time when we are particularly rushed for time anyway.

In billing platform cars to the Pool, always bill them to the order of, and notify, the Manitoba Co-operative Wheat Producers, Limited, in care of the Wheat Pool terminals. This is all set out on bills of lading sent you.

On cars billed to your own order, the inspection department forward the inspection certificate to you, and the grain may be unloaded before we know anything about it. This means that we have no chance to check the grade or dockage. The odd time we may, through an accident, find that a car billed to some grower's own order is Pool grain, and have an opportunity to check the grading, but even in a case of this kind, there is considerable delay and confusion through our having to write the member for the bill of lading, etc.

When you have billed a car out forward the bill of lading immediately so that it will reach this office before the inspection certificate does.

A little co-operation in the matter of billing cars properly and forwarding bills of lading promptly, will materially assist all of us.

**FROM**

Quebec	—Oct. 2, S.S. Montclair	.....	to Liverpool
Montreal	—Oct. 7, S.S. Melita	.....	to Cherbourg, Southampton, Antwerp.
Montreal	—Oct. 8, S.S. Metagama	.....	to Belfast, Glasgow.
Quebec	—Oct. 9, S.S. Montroyal	.....	to Liverpool.
Quebec	—Oct. 14, S.S. Empress of France	.....	to Cherbourg, Southampton, Hamburg.
Montreal	—Oct. 16, S.S. Montclair	.....	to Liverpool.
Montreal	—Oct. 21, S.S. Minnedosa	.....	to Cherbourg, Southampton, Antwerp.
Montreal	—Oct. 22, S.S. Marburn	.....	to Belfast, Glasgow.
Montreal	—Oct. 23, S.S. Montclair	.....	to Liverpool.
Quebec	—Oct. 30, S.S. Montclair	.....	to Liverpool.
Montreal	—Nov. 4, S.S. Melita	.....	to Cherbourg, Southampton, Antwerp.
Montreal	—Nov. 5, S.S. Metagama	.....	to Belfast, Glasgow.
Montreal	—Nov. 6, S.S. Montrose	.....	to Liverpool.
Quebec	—Nov. 11, S.S. Empress of France	.....	to Cherbourg, Southampton.
Montreal	—Nov. 13, S.S. Montclair	.....	to Liverpool.
Montreal	—Nov. 18, S.S. Minnedosa	.....	to Cherbourg, Southampton, Antwerp.
Montreal	—Nov. 19, S.S. Marburn	.....	to Belfast, Glasgow.
Montreal	—Nov. 20, S.S. Montclair	.....	to Liverpool.
Quebec	—Nov. 25, S.S. Montclair	.....	to Liverpool.
St. John	—Dec. 5, S.S. Montrose	.....	to Liverpool.
St. John	—Dec. 10, S.S. Melita	.....	to Cherbourg, Southampton, Antwerp.
St. John	—Dec. 11, S.S. Metagama	.....	to Glasgow, Liverpool.
St. John	—Dec. 16, S.S. Montclair	.....	to Liverpool.

LARGEST and FASTEST SHIPS TO and FROM CANADA

SPECIAL TRAINS and THROUGH CARS FROM WESTERN CANADA DIRECT TO SHIP'S SIDE

Apply Local Agents or W. C. CASEY, 364 Main Street, Winnipeg

Manitoba Agricultural College**Winter Courses Open in October**

These courses are of special interest to young men and women from the farms of the West where co-operation is to be the slogan for the future.

The **Practical Courses** give a good all round education and open on October 27th.

The **Science Courses** leading to a University degree open on October 13th.

Residence accommodation for 400. A real community life where young people learn to live and work together.

Recreation—football, basket ball, hockey, skating, swimming, gymnasium, etc.

Write the Registrar, Manitoba Agricultural College, Winnipeg, for the Calendar giving full particulars of courses offered and the cost of each.

W. C. McKILLICAN,
Dean.

"RED BOTTOM"

and

"MAX"**FOR ALL — TANKS — PURPOSES**

ROUND END STOCK	—	First class workmanship and materials—prices are right—good stocks
HOUSE	—	carried at all times. Service and
WATER WAGON	—	satisfaction guaranteed.
ROUND STOCK	—	
OIL WAGON	—	

Price List Free on Request

"MAX" WELL CURBING

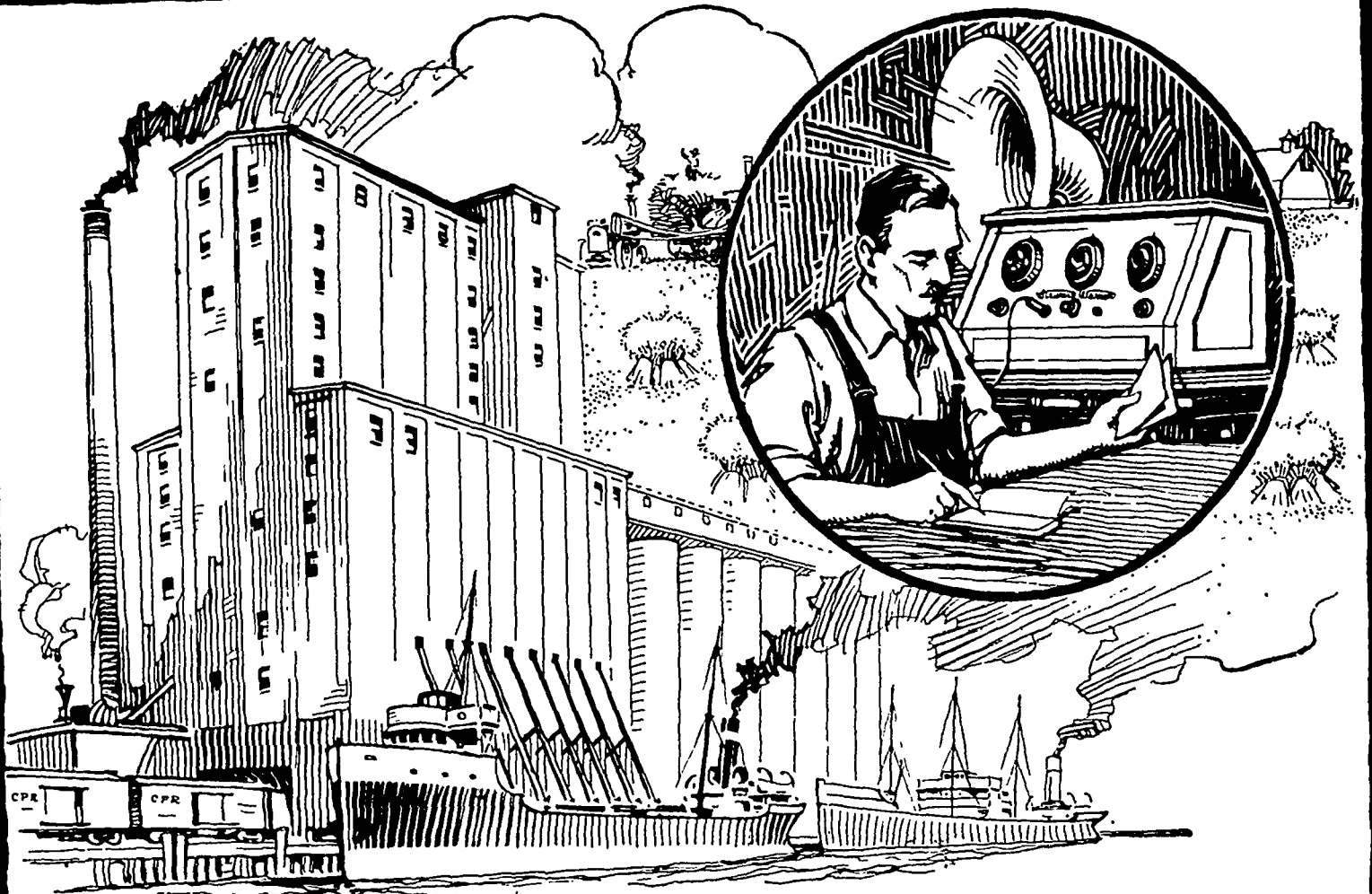
Made of deeply corrugated, heavy galvanized iron, strongly riveted. Lengths slip into one another. Is not affected by soil pressure, is sanitary, vermin proof and will last a lifetime.

A Good Well (well made)—Use "MAX"

WESTERN STEEL PRODUCTS Limited(Amalgamated with The Metallic Roofing Co., Limited)
Manufacturers**WINNIPEG, MANITOBA**

Regina, Saskatoon, Calgary, Edmonton, Port Arthur

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Music and Entertainment at the turn of a dial!

GET the news, the latest market quotations, enjoy the music of the world's best entertainers, by the simple turn of a dial!

During the winter evenings, some of them at times rather long and lonesome, the Stewart-Warner Matched-Unit Radio brings into your home your choice of the continent's orchestras, famous speakers, and entertainers.

Tune in! There is pleasure and education for every member of the family.

Matched-Unit Radio is the supreme achievement that crowns Stewart-Warner's quarter-century of precision manufacturing.

A COMPLETE Radio, not of individual assemblies, but a carefully-matched group of radio units. Receiving Instruments, Reprodncer, Tubes and all Accessories are built and MATCHED to work together in perfect unison. Every unit functions harmoniously with every other unit!

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Please send me "Around the Clock" Book free.

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Address.....

City.....Prov.....
(Sign and Mail Today)

Stewart-Warner

Matched-Unit Radio

INSTRUMENTS TUBES REPRODUCER ACCESSORIES
TRADE MARK

STEWART-WARNER SPEEDOMETER CORPORATION
Chicago Winnipeg Calgary Vancouver Montreal Toronto

LOCAL SECRETARIES

(Continued from page 7)

Local	Secretary	Post Office
Harrison.....	Wm. Grayston.....	Newdale
Hamiota.....	A. D. McConnell.....	Hamiota
Hillsburg.....	Hy. Jaasund.....	Bield

Lakeview.....	John Valdimarson.....	Langruth
Langford.....	F. A. Sirett.....	Glendale
Lansdowne.....	Lew G. Thomson.....	Arden
Lawrence.....	R. Elmer Forbes.....	Rorketon
Lorne.....	W. J. Simpson.....	Swan Lake
Louise.....	T. G. McKittrick.....	Crystal City
McCreary.....	William Riddell.....	McCreary
McDonald.....	John D. Cuddy.....	Sanford
Miniota.....	V. E. G. Little.....	Decker
Minitonas.....	A. Gourlay.....	Minitonas
Minto.....	H. Jackson.....	Murchison
Montcalm.....	W. B. Knowles.....	Emerson
Morris.....	C. L. Stoney.....	Morris
Morton.....	C. Mains.....	Boissevain
Mossy River.....	D. F. Wilson.....	Fork River
Norfolk, South.....	J. A. Anstey.....	Treherne
Norfolk, North.....	Ben Richardson.....	Beaver

Oakland.....	J. B. Rome.....	Nesbitt
Ochre River.....	James W. Reid.....	Makinak
Odanah.....	Henry Beaumont.....	Cordova

Pembina.....	J. T. Carter.....	Manitou
Pipestone.....	D. J. Brownlee.....	Sinclair
P. la Prairie.....	W. J. Troop.....	RR5 Box 29 P. la Prairie

Riverside.....	Arthur J. Lamb.....	Dunrea
Roblin.....	B. E. Davidson.....	Cartwright
Rockwood.....	P. H. Anderson.....	Argyle
Roland.....	J. J. McMahon.....	Roland
Rosedale.....	Egbert Grover.....	Birnie
Rosburn.....	G. S. Black.....	Rosburn
Rosser.....	J. W. Morrison.....	RR2 Box 243 Winnipeg
Russell.....	L. C. Boulton.....	Russell

St. Andrews.....	L. E. Townsend.....	Clandeboyne
St. Clements.....	Russell Burnett.....	E. Selkirk
St. Rose.....	Not Reported	

Saskatchewan.....	Thos. C. Bramley.....	Rapid City
Shellmouth.....	F. G. Richardson.....	Dropmore
Shell River.....	M. Evans.....	Makaroff
Sifton.....	L. V. Robson.....	Deleau
Siglunes.....	Fred Baker.....	Moosehorn
Silver Creek.....	R. H. Pritchard.....	Angusville
Shoal Lake.....	J. L. Campbell.....	Shoal Lake
Springfield.....	P. H. Hudson.....	RR Box 317, Winnipeg
Stanley.....	R. Laing.....	Darlingford
Strathclair.....	Wm. Westaway.....	Strathclair
Strathcona.....	W. J. McPhail.....	Belmont
Swan River.....	Geo. Dickerson.....	Swan River

Tache and		
Richot.....	S. Marcoux.....	Lorette
Thompson.....	W. R. Compton.....	Darlingford
Turtle Mtn.....	D. N. Finlay.....	Killarney

Victoria.....	J. N. Barker.....	Holland
---------------	-------------------	---------

Wallace.....	W. E. Crawford.....	Elkhorn
Westbourne.....	D. A. Broadfoot.....	Gladstone
Whitehead.....	James Topham.....	Kennay
Whitewater.....	W. F. Popple.....	Minto
Winchester.....	R. Barrett.....	Deloraine
Woodlands.....	H. H. McIntyre.....	Warrenton
Woodworth.....	Donald Noble.....	Box 37 Lenore

The total number of locals is 91.
The number of shipping committees is 448.

We especially request that all local secretaries advise the secretaries and members of the shipping committees of their appointment, where they have not already done so.

ROOM AT THE TOP

Never mind the crowd lad,
Or fancy your life won't tell,
The work is the work, for all that
To him that doeth it well.
Fancy the world a hill lad,
Look where the millions stop,
You'll find the crowd at the base
lad,
There's plenty of room at the
top.

D. Sutton, Warren, Man.

For the Success of Your Farm

FOR the success of your farm and for your own best interests, consider the Bank of Montreal as your banking headquarters—a place to which you can come regularly to deposit money, obtain information and discuss with the manager your plans and problems.

In the Savings Department interest is paid regularly on all deposits. Small accounts are welcome.

BANK OF MONTREAL

Established over 100 years

THE HERBERT RASPBERRY

Recommended by the M. A. C. and Morden Experimental Station. Hardy, healthy, strong grower, heavy producer, large fruit of fine flavor. Guaranteed disease free plants. Fall or spring shipment—order now. \$4.00 per 100 postpaid.

A. R. MUNDAY - OAKVILLE, MAN.

THE WAWANESA MUTUAL INSURANCE COMPANY

AN OUTSTANDING EXAMPLE OF
SUCCESSFUL CO-OPERATION
AMONG FARMERS

Insurance in force over - - - - - \$130,000,000.00
Surplus for Policyholders - - - - - 1,671,542.71
Over \$130,000.00 on deposit with the Provincial Governments.

Full protection with absolute security at a minimum cost

The Wawanesa Mutual Insurance Company
WAWANESA - MANITOBA

HANG THIS UP—IT IS GOOD UNTIL OCTOBER 25th, 1925. OUR MOTTO—"QUALITY FIRST, PRICES AND PROMPTNESS"

THE CASH GROCERY

ESTABLISHED 1908 395-397 PACIFIC AVENUE, WINNIPEG

HARVEST SPECIAL

REFERENCE
Canadian Bank of Commerce, Winnipeg

Read carefully and take advantage of our monthly ad. in this paper, as this means a saving from 25 to 30% after paying freight. We gained our reputation all over Canada since commencing our business in 1908. We guarantee every order to be shipped within 48 hours.

A Great Saving in SEPTEMBER and OCTOBER Purchases

We specialize on quality and prices. We do not buy job lots or fire stock, and also we do not conduct a retail business; we supply only to farmers direct. Our prices on pure cane sugar are lower than wholesale price. We guarantee satisfaction or money refunded. Price is subject to change. Our Sugar is warranted absolutely pure cane, and it is worth to every householder 50 cents per hundred more than the beet sugar.

Send as many club orders as you can, and we will pack same according to instructions. TERMS—Remittance with orders or C.O.D. by sight draft. Where there is no agent, kindly enclose sufficient for freight.

PRICES—F.O.B. Winnipeg, no charge for cases or bags. Cartage free. Any other lines not listed, we will be pleased to give you the lowest quotations. Any enclosures you require, we will be pleased to secure same without any charge in order to save you freight.

You will not make any mistake by addressing your orders to the original Cash Grocery, 395-397 Pacific Avenue, Winnipeg. The saving from our special combinations will pay more than the freight.

ONE GRADE—THE HIGHEST. ONE PRICE—THE LOWEST. ONE PROFIT—THE SMALLEST.

EXTRA SPECIALS

A Saving of 30 per cent. on the dollar.

5,000 lbs. our own Blend Black Tea: 10 lbs. for \$5.20; 25 lbs. for \$12.50; 100 lbs. chest, \$48.50.
25 doz. 5-string Heavy Brooms; each 50s.; 3 for \$1.50.
500 cases New Pack, large tins, solid pack, choice quality Okanagan Tomatoes; 6 tins, \$1.05; 12 tins, \$2.05; per case 24 tins, \$4.00.
500 cases 1-gallon tins Pickles; sour mixed, per gal. \$1.10; sweet mixed, \$1.15; chow-chow, \$1.15.
50 cases Lombard Plums in heavy syrup; 12 tins, \$1.60; per case of 24 tins, \$3.10.
50 cases choice Blue Plums, in heavy syrup; 12 tins, \$2.00; per case of 24 tins, \$3.65.
28 lbs. boxes net weight Soda Biscuits, \$3.60; 15 lbs. net weight Soda Biscuits, \$2.35.
5 lbs. Fancy Peeled Peaches, \$1.10; 10 lbs. \$2.15; 25 lbs. box, \$5.10.
6 boxes White Star Yeast Cakes, 30c.
Macdonald's Chewing Tobacco, 9 plugs to 1 lb., per lb. \$1.20; 10 lbs. caddy, \$11.50.
Pearl Tapioca, 10 lbs., \$1.10; 20 lbs., \$2.15.
White Sago, 10 lbs., \$1.10; 20 lbs., \$2.15.

SUGAR

2 carloads Pure Cane Granulated Sugar, fine, medium or coarse, per 100 lbs., \$7.25.
100 lbs. Yellow Sugar, \$7.05.
50 lbs. Pure Cane Gran. Sugar, \$3.70.
25 lbs. Yellow Sugar, \$1.80.
5 lbs. White Icing Sugar, 46c; 10 lbs., 90c.
2 lbs. Pink Icing Sugar, 32c.
25 lbs. Hard Lump Sugar, \$2.40; 50 lbs., \$4.70

COMBINATION No. 1

1 case Assorted Fruit at a saving of \$1.00—4 tins Lombard Plums, 3 tins Greengage Plums, 3 tins Sliced Pineapple, 4 tins Pears, 3 tins Peaches, 3 tins Red Pitted Cherries, 2 tins Raspberries, 2 tins Strawberries. The case for \$4.95.

COMBINATION No. 2

50 lbs. Granulated Sugar, 25 lbs. Yellow Sugar, 5 lbs. Icing, 1 doz. 1-lb. tins Pink Salmon, 3 3/4-lb. tins Pure Jam, 1 Marmalade, 1 plum, 1 pear, 24 bars White Naptha Soap, 3 tins Royal Crown Cleanser, 1 doz. Crown Olive Soap, 5 lbs. Pure Lard, 5 lbs. Ontario Honey, 5 lbs. Ont. Oxford Cheese, 10-lb. box 60-70 Prunes, 5-lb. box Seedless Raisins, 5 lbs. Orange Pekoe Tea, 6 tins Ontario Pears, 6 tins Pineapple, imported, 1 doz. asst. Gold Standard Jelly Powders, 5 lbs. Cream of the West Baking Powder, 6 tins large size Finest Pack B.C. Tomatoes, 1 Gal. Catsup, 10-lb. pail Golden Syrup, 6 pkgs. Corn Starch, 5 lbs. Fancy Evap. Peaches, 8 oz. bottle Pure Vanilla or Lemon Extract, 10 lbs. Cooking Molasses, 1-gal. crock Pickles, 1 doz. Brunswick Sardines, 8-lb. box Soda Biscuits.
THE LOT FOR \$34.36.

FREE WITH LOT: 5 lbs. Dates, 5 lbs. Figs, 5 lbs. Mixed Candies.

COMBINATION No. 3

1 case Finest Pack Assorted Vegetables; 6 large tins Finest Pack Tomatoes; 6 tins Ontario Peas; 6 tins Sweet Corn; 6 tins Clark's Pork and Beans in Tomato Sauce. Regular price of lot \$4.45. Our price, \$3.75.

COMBINATION No. 4

100 lbs. Gran. Sugar, 25 lbs. Yellow Sugar, 5 lbs. Icing, 10 lbs. Pearl Tapioca, 10 lbs. Navy Beans.

22 bars Dingman's Electric or Gold Soap, \$1.45; per case, 100 bars, \$8.25.
25-lb. boxes 1 Crown Muscatel Raisins, per box, \$2.25.
Ont. Hand picked White Navy Beans, 10 lbs., 66c; 30 lbs., \$1.90; per bus., 60 lbs., \$3.60.
3-lb. bars Pure Castile Soap, per bar, 48c.
28 bars Carbollic Soap, \$1.00.
10 lbs. California Lima Beans, \$1.50.
80-lb. bag fresh milled Rolled Oats, \$3.30; 40-lb. bag, \$1.70; 20-lb. bag, 95c.
3 pkgs. Cream of Wheat, 70c; 6 pkgs., \$1.37; 12 pkgs., \$2.70.
Dates, 5 lbs., 60c; 10 lbs., \$1.10; 20 lbs., \$2.15.
8-oz. pkgs. Loganberries, 3 pkgs., 65c; per doz., \$2.50.
Gold Standard Asst. Jelly Powders, per doz. 78c.
Pure Cocoa, 5 lbs. 59c; 10 lbs., \$1.19; 25 lbs., \$2.50.
15-lb. boxes Fancy Seedled Raisins, \$1.95.
24 boxes Matches, \$2.40.
1 gal. crock Dill Pickles, \$1.75.
2-lb. Water Glass, 38c.
5-lb. tins Cream of the West Baking Powder, warranted pure or money returned, regular price \$1.85. our price, \$1.10.

10 lbs. Orange Pekoe Tea, 10 lbs. Fancy Seedless Raisins, 5 lbs. Recleaned Currants, 5 lbs. Smyrna Figs, 2 lbs. Coconut, 1 lb. Walnuts, 5 lbs. Royal Oxford Cheese, 1 doz. Cream Olive Soap, 5 lbs. Macaroni, 5 lbs. Ontario Honey, 2 large tins B.C. Fancy Tomatoes, 6 tins Sliced Pineapple, 20 bars Original Fels Naptha Soap, 5 lbs. Squirrel Peanut Butter, 10 lbs. Imported Golden Syrup, 3 4-lb. tins Pure Jam, 1 gal. tin Mixed Pickles, Sweet.
THE LOT FOR \$36.50

FREE WITH LOT: 10-lb. tin Finest Cooking Molasses; 5 lbs. Dates; 1 8-oz. Lemon or Vanilla Extract.

SOAPS, HOUSECLEANING NECESSITIES, ETC.

3 boxes Sappho Puffers, sure kill for bugs, 25c.
5-lb. bag Washing Soda, 19c.
20 bars Gold Soap, \$1.45; per case of 100 bars, \$6.70.
20 bars Lifebuoy, \$1.55; per case of 100 bars, \$7.
12 large bars Imported Glycerine Soap, 90c.
12 bars Palmolive Soap, 95c.
6 tins Old Dutch Cleanser, 66c.
5-lb. bags Electric Soap Chips, 75c.
20 large bars Genuine Imported Castile Soap, \$1.00.
3 large boxes Royal Crown Washing Powder, 85c; 3 boxes Sopade, 50-oz., 92c.
Sulphur, ground, per lb., 7c.
6 dozen common round Clothes Pegs, 22c.
3 boxes Lye, 40c.
2 boxes Chloride of Lime, 25c.
6 boxes Lux, 65c.
3 boxes Bull Dog Ammonia, 1 1/2 lbs. each, 40c.
3 boxes Keen's Blue, 25c; 6 boxes Reckitt's Blue, 30c.
1 dozen Mac's No Rub, 55c.
2 cakes Bon-Ami, 25c.
3 dozen Spring Clothes Pegs, 17c.
3 boxes 2-in-1 Shoe Polish, black, brown or white, 33c.
Shoe Laces, black or brown, per dozen, 25c.

OUR JAMS ARE OF THE HIGHEST QUALITY

1 case 12x4 lb. tins Finest Pack Pure Jam (1 Plum, 1 Peach, 1 Cherry, 1 Loganberry, 1 Red Currant, 2 Raspberry, 1 Black Currant, 1 Strawberry, 1 Marmalade), the case, \$8.65.

Seward's Cream Olive Soap, regular price, \$1.25 per doz., our price 79c.
Rogers' Golden Syrup, 10-lb. tins, 3 tins, \$2.80; 6 tins to case, \$5.25.
Gallon tins Apples, 6 tins to case, per case \$3.65.
22 bars large size Sunlight Soap, (pre-war size), \$1.45.
6 boxes Royal Crown Soap (6 to carton), and 3 tins Royal Crown Cleanser, \$1.90.
6 tins Royal Crown Cleanser, 48c; per doz. 94c.
Imported Smyrna Figs: 10 lbs., \$1.05; 30-lb. mat, \$3.00.
Bleached Evaporated Apples: 10 lbs. for \$1.75; 25-lb. box, \$4.00.
Finest Pack 4-lb. tins Blended Jam; 3 tins, \$1.55; 6 tins, \$3.00; per case of 12 tins, \$5.60.
18 Round Fly Catchers, 25c; 4 pads Poison Fly Paper, 25c.
12 tins Brunswick Sardines in Oil, 62c; 24 tins, \$1.20; per case, 100 tins, \$4.90.
20 bars Original Fels Naptha Soap, \$1.55; per case, 100 bars, \$7.10.
25 bars Royal Crown White Naptha Soap, \$1.00; 144 bars to case, \$5.60.

3 4-lb. tins Smith's Pure Plum Jam, \$1.70.
3 4-lb. tins Harvest Brand Pure Jam, (pear), \$1.80.
3 4-lb. tins Pure Greengage Jam, \$1.85.
3x4-lb. tins Wagstaffe's pure Loganberry Jam, \$1.75.
3x4 lb. tins Wagstaffe's pure Loganberry Jelly, \$1.75.
3 4-lb. tins Pure Gooseberry Jam, \$2.10.
3 4-lb. tins Red Currant Jelly, \$2.10.
3 4-lb. tins Red Pitted Cherry Jam, \$2.15.
3 4-lb. tins Empress Brand Pure Strawberry Jam, \$2.50.
3 4-lb. tins Empress Raspberry Jam, \$2.50.
3 4-lb. tins Wagstaffe's Black Currant Jam, \$2.45.
3 4-lb. tins Smith's or St. Williams Pure Orange Marmalade, \$1.75.
3 4-lb. tins Wagstaffe's or Empress Marmalade, \$2.10.
3 4-lb. tins Pineapple Marmalade, \$2.00.
3 4-lb. tins Welch Pure Peach Jam, \$2.10.

EVAPORATED FRUIT OF THE HIGHEST QUALITY

5 lbs. Recleaned Currants, 80c; 10 lbs., \$1.55.
5 lbs. Standard Peaches, 95c; 10 lbs., \$1.75; 25-lb. box, \$4.25.
5 lbs. Fancy Calif. Apricots, \$1.35; 10 lbs., \$2.60; 25-lb. box, \$6.25.
6 pkgs. Royal Excelsior Dates, 75c; per doz., \$1.40.
5-lb. box Prunes, Calif., good size, 60c.
10-lb. box, 50-60 Prunes, \$1.50; 25 lbs., \$3.50.
10-lb. box, 40-50 Prunes, \$1.75; 25 lbs., \$4.00.
10-lb. box Prunes, 60-70, \$1.30; 25 lbs., \$3.00.
2 lbs. Shredded or Desiccated Coconut, 55c.
3 1-lb. tins Gold Standard Baking Powder, 65c.
5-lb. tins Cash Grocery Baking Powder, 95c.
3 pkgs. McLaren's Assorted Custard Powder, 40c.
8-oz. bottle warranted Pure Government Standard Lemon or Vanilla Extract, 80c; 16-oz. bottle same quality, \$1.35.
8-oz. bottle Artificial Lemon or Vanilla Extract, 45c; 16-oz. bottle, 80c.
6 bottles Artificial Extract Lemon, Vanilla, Pineapple, Almond, Strawberry, Raspberry or Peppermint, 65c per 6 bottles.
5 lbs. Choice Seedled Raisins, 75c; 10 lbs., \$1.40; 25-lb. box, \$3.20.
5 lbs. California Bleached Sultana Raisins, \$1.00; 10 lbs., \$1.95.
5 lbs., 3 Crown Muscatel Raisins, 75c; 10 lbs., \$1.40; 25-lb. box, \$3.40.

27 bars Royal Crown Soap, wrapped, \$1.00; per case of 144 bars, \$5.40.
5 lbs. Royal Oxford Ont. Cheese, \$1.30; 10 lbs. for \$2.50; 25 lbs. for \$6.00.
Blue Lined No. 7 Envelopes, 100 for 22c; 500 for \$1.00.
Finest Pack Fort Garry Peas; 6 tins for 95c; 12 tins, \$1.85; per case of 24 tins, \$3.60.
White Rubber Rings for sealers, 3 doz., 21c.
5 lbs. Fancy Seedless Raisins, 65c; 12 1/2-lb. box, \$1.50; 25-lb. box, \$2.90.
3-lb. tins Crisco, 80c; 3 tins, \$2.35.
Fresh Pickling Spices, per lb., 25c.
5-lb. tins Magic Baking Powder, per tin, \$1.43.
McLaren's Jelly Powder, 4-oz., per doz., 88c.
2 boxes Powdered Bon-Ami, 32c.
Crystal White Finest Imported Laundry Soap, large bars, 16 bars for \$1.00; per case of 100 bars, \$5.90.
1/2-gal. jars of Pure Vinegar, white or brown, each 35c.
50 lbs. Block Salt, 63c; 50 lbs. fine Salt in jute bag, 53c; 50 lbs. coarse Salt, 62c; 50 lbs. Dairy or Table Salt in duck bags, 72c.

Finest Stock Shelled Almonds, whole, per lb., 58c.
English Shelled Walnuts, halves, per lb., 60c.
Imported English Peel, Lemon and Orange, 38c.
Wagstaffe's Citron Peel, per lb., 60c.
Imported English Cut Mixed Peel, per lb. box, 40c.
Fresh Roasted Jumbo Peanuts, 18c.
5 lbs. Royal Mixed Candies, 75c.
21 bars Assorted Chocolate Bars, 90c.
5 lbs. Popping Corn, 45c; 10 lbs., 80c.
1-lb. Glass Preserved Ginger, 45c.

TEAS, COFFEES AND COCOA

10 lbs. Finest Japan Green Tea, \$8.50.
10-lb. box Finest Ceylon Tea, \$6.50.
25-lb. box Finest Ceylon Tea, \$14.50.
10-lb. box Orange Pekoe Tea, \$6.50; 25-lb. boxes, \$14.50.
10-lb. box Indian Ceylon Tea, \$6.25; 25-lb. boxes, \$14.00.
10-lb. box Indian Souchong Tea, \$6.10; 25-lb. box \$14.00.
10-lb. House of Lords Tea, \$8.40 (worth \$1.10 per lb.)
In ordering Coffee please mention whole or ground.
10 lbs. Fancy Santos Coffee, whole or ground, \$4.60; 25-lb. lots, \$11.25.
10 lbs. Mocha and Java Coffee, whole or ground, \$6.00; 25-lb. boxes, \$14.50.
10-lb. box Old Government Coffee, \$6.75; 25-lb. boxes, \$16.00.
5,000 lbs. Fresh Roasted Rio Coffee (whole or ground), 5 lbs. for \$2.05; 10 lbs. for \$4.00; 25 lbs. for \$9.75.
2-lb. box Finest Imported Cocoa, equal to any 50c Cocoa, 43c.
8-oz. tin Instant Postum, 48c.
Chicory, per lb. 18c and 20c.
Baker's or Fry's Cocoa, in tins, per lb., 50c.
Unsweetened Chocolate, in half-pound blocks, per lb. 50c.

SPICES, WARRANTED ABSOLUTELY PURE

Pure Mustard, per lb., 47c; 5-lb. tins, \$2.25.
Allspice, ground, per lb., 32c; Mixed Spice, per lb., 32c.
Ginger, Japan, ground, per lb., 40c; whole, per lb. 35c.

(Continued on page 15)

A SPECIAL PRIZE will be given to every customer who mentions the SCOOP SHOVEL when ordering

When writing advertisers please mention The Scoop Shovel

TESTING CREAM AND MILK

(Continued from page 8)

Another reason for variation is the amount of milk left in the supply tank. If the tank is kept full the force driving the milk into the machine is greater than if it was only partly full, so that it again changes the proportions and influences the percentage of fat in the cream. There are numerous other reasons, so that it is very difficult to have the percentage of fat constant in your cream from week to week, even though you do your work perfectly.

The cow slips in and changes the fat content of her milk, so that you are beaten from that source, but if you depend on the tester at the Manitoba Co-operative Dairies to determine the percentages in your cream, they will, without fail, be correct, whether your cream tests 25, 35 or 50 per cent. These variations are all possible and no matter how you have your cream screw set you will not be able at all times to have a uniform testing cream. Look into this matter thoroughly and when your test varies do not be led to believe that the creamery man is doing something wrong, as he is doing his best.

CONFERENCE ON MARKETING PLAN

Following a summer's work in the preparation of data and general information on the subject, the Ontario Legislature's Special Agricultural Committee has called for Sept. 22 a general Interprovincial conference at the parliament buildings, Toronto, at which representatives of all the provinces and the federal government will discuss the recommendation for a National Export Marketing Commission to handle Canadian food products.

Preliminary questionnaires have been sent out by Secretary P. F. Cronin to all the provincial Ministers of agriculture, laying before them the suggestions that have already been made to the committee, and asking for their opinion when the conference assembles. Out of the conference the special committee hopes to evolve for the legislature a comprehensive workable scheme to improve marketing conditions for Canadian farm products in the overseas markets.

HARVEST SPECIAL

(Continued from page 14)

SPICES—Continued

Cinnamon, ground or whole, per lb., 45c.
Cloves, ground or whole, per lb., 75c.
Mace, ground, per lb., 85c.
Nutmeg, ground or whole, per lb., 70c.
Black Pepper, Select, pure, per lb., 30c.
White Pepper, same quality, per lb., 45c.
Cayenne Pepper, per lb., 60c; Cream of Tartar, per lb., 54c.
Caraway Seed, per lb., 43c; Sage, per lb., 45c.
Saltpetre, ground, per lb., 15c; Epsom Salts, per lb., 15c.

CANNED GOODS

6 tins King Oscar Sardines, \$1.05; 12 tins, \$2.00.
6 tins No. 2 tin Delmonte Apricots, \$1.70; 12 tins \$3.30.
6x1 lb. tins Red Sockeye Salmon, Horse Shoe brand, \$2.40; 12 tins, \$4.70.
6 tins Ontario Pears, \$1.05; 12 tins, \$2.05; per case of 24 tins, \$4.00.
6x1 lb. tins Herring in Tomato Sauce, \$1.20; 12 tins, \$2.30.
6x1/2 lb. tins Horse Shoe Salmon, \$1.15; 12 tins, \$2.25.
6 tins Early June Peas, \$1.10; 12 tins, \$2.15; per case of 24 tins, \$4.20.
6 tins Gold Seal Milk, \$1.13; per dozen, \$2.05.
6 tins Finest Pack Strawberries, \$1.80; per dozen, \$3.50.
6 tins Finest Pack Red Raspberries, \$2.00; per dozen, \$3.80.
6 tins Bartlett Pears, \$1.55; per dozen, \$3.00.
6 tins. Finest Pack Red Pitted Cherries, \$1.30; 12 tins, \$2.50.
3 tins Finest Pack Large Size Ontario Pumpkin, 60c; 6 tins, \$1.15.
6 tins Ontario Sweetchole Corn, \$1.25; 12 tins, \$2.45; per case of 24 tins, \$4.75.
1 doz. Carnation Milk, talls, \$1.60; per case of 4 doz., \$6.30.
Clark's Pork and Beans in Tomato Sauce, per doz., \$1.65; per case, 2 doz. \$3.25.
6 tins Del Monte Brand Sliced Peaches, No. 2 tins, \$1.75; 12 tins, \$3.40.
6 tins Ontario Greengage Plums, \$1.00; 12 tins, \$1.95; per case, 2 doz., \$3.80.
6 tins Ontario Peaches in H.S., \$1.40; 12 tins, \$2.70.
6 1-lb. tins Fancy Red Cohoes Salmon, \$1.50; 12 tins, \$2.95.
6 large tins Libby's Sauerkraut, \$1.18.
3 large tins Libby's Dill Pickles, 85c; 6 tins, \$1.60.
6 tins King Oscar Kipperd Snacks, 55c; 12 tins \$1.00.
6 1-lb. tins Fancy Gosse Millard's Pink Salmon, \$1.05; 12 tins \$2.00; per case 24 tins, \$7.70.
12 1-lb. tins Gosse-Millard's Pickards, Finest Pack, \$1.90; 24 1-lb. tins, \$3.70.
12 1/2-lb. tins, Red Spring Salmon, \$1.65.
12 tins Finest Imported Norwegian Sardines, in pure olive oil; regular price 22c per tin. Our price, \$1.50.

SUNDRIES

3 Sure Catch Mouse Traps, 12c.
Bisto Gravy, 3 for 68c; genuine Parchment Paper, 8x11, Printed Dairy Butter, 500 for \$1.00; the same in plains, 93c.
1 gal. crock Sour Mixed Pickles, \$1.25.
1 gal. crock Chew Chow Pickles, \$1.45.
1 gal. crock Sweet Mixed Pickles, \$1.40.
5-lb. pails Ont. Pure Honey, 88c; 3 pails Honey, \$2.55.
6-lb. boxes Cream Sodas, 80c.
5 lbs. Popping Corn, 55c; 10 lbs., \$1.05.
11-lb. tins, net weight, Perrin's Soda Biscuits, \$1.80.
Gallon Crock Worcester Sauce, \$1.25.
3 bottles H.P. Sauce, 90c.
Large bottles O-Cedar Polish, each 40c.
6 boxes Laundry or Corn Starch, 60c.
6 boxes Royal Yeast, 35c.
3 lbs. Baking Soda, 22c.
1 Gallon tin Finest Tomato Catsup, 84c; 2 tins, \$1.65.
10 lbs. Macaroni, \$1.00; 5 lbs. Macaroni, 55c.
3 large tumblers French mustard, 38c.
2 bottles McLaren's Curry Powder, 35c.
2 large bottles Celery Salt, 35c.

CEREALS AND BREAKFAST FOODS

24 lbs. Yellow Cornmeal, \$1.05.
10 lbs. Split Peas, 75c; 20 lbs., \$1.40.
1 doz. Kellogg's Pep, \$1.60; per case of 2 doz., \$3.15.
10 lbs. Finest Bleached Japan Rice, 98c; 20 lbs., \$1.90.
10 lbs. Siam Rice, 72c; 20 lbs., \$1.40.
10 lbs. Pot Barley, 52c.
10 lbs. Pearl Barley, 62c.

10 lbs. Whole Green Peas, best cookers, 90c; 20 lbs., \$1.75.
5 lbs. Imported Lentils, 75c; 10 lbs., \$1.45.
24-lb. bag Scotch Oatmeal, fine or coarse, \$1.18.
3 lbs. Ground Rice, 32c.
25 lbs. Wheat Granules, \$1.45.
Sugar Crisp Corn Flakes, per doz., \$1.35; per case of 3 doz., \$3.95; Kellogg's Corn Flakes, per doz., \$1.40; per case of 3 doz., \$4.00; Grape Nuts, 6 pkgs., \$2.05; per box, 2 doz., \$4.05; Puffed Wheat, 6 pkgs., 85c; 12 pkgs., \$1.85; Puffed Rice, 6 pkgs., \$1.10; 12 pkgs., \$2.15; Aunt Jemima Pancake Flour, 3 pkgs., 55c; 6 pkgs. for \$1.05; Aunt Jemima Buckwheat Flour, 3 pkgs. for 63c; 6 pkgs., \$1.20; Shredded Wheat Whole Biscuit, 6 pkgs., 80c; 12 pkgs., \$1.55; Kellogg's Bran Flakes, per doz., \$1.60; per box 2 doz., \$3.10.
10-lb. pails Penick's Golden Syrup, 85c; 3 tins, \$2.45; 6 tins to case, per case \$4.60.
10-lb. tins Imported Corn Syrup, 75c; 3 tins, \$2.15; per case 6 tins, \$4.10.
5-lb. tins Finest Maple Syrup, \$1.55.
10-lb. tins Cooking Molasses, 60c; 3 tins, \$1.75; per case 6 tins, \$3.40.
5-gallon tins Cooking Molasses, \$2.80.
10-lb. tins Gingerbread Molasses, 75c; 5-lb. tins, 40c.
10-lb. pail White Lily Syrup, 95c; 20-lb. pails, \$1.80.
5-lb. tins Domoico Molasses, 60c; 10-lb. tins, \$1.10.

SAVE MONEY ON TOBACCO AND PIPES

Macdonald's in 1/2-lb. tins, fine or coarse, per lb. \$1.35.
2-lb. tin Dixie Cut Plug Tobacco, \$2.50.
1-lb. Ogden's fine or coarse cut, per lb., \$1.38.
Macdonald's Briar Smoking, 8 plugs to lb., with 8 pipe cleaners, \$1.35; per caddy of 5 lbs., \$6.50.
Native Leaf Tobacco, per lb., 35c; 5-lb. lot, \$1.65; 10-lb. lot, \$3.20; 25-lb. lot, 23c per lb.
Macdonald's Chewing, 8 plugs to lb., per lb., \$1.35; per caddy, 5 lbs., \$6.50.
Old Chum or Meerchaum, 1/2-lb. tins, per lb., \$1.60; T. & B., large plugs, 5 for \$3.50.
Zig-Zag Paper, per box of 50, \$2.20.
Repeater, 1/2-lb. tins, \$1.70.
Orinoco, 1/2-lb. tins, fine or coarse, per lb., \$1.70.
Royal Navy or Old Virginia, 1/2-lb. tins, per lb., \$1.40.
Genuine French Briar Pipes, reg 90c each, special 50c.

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