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THE GRAIN GROWERS' GUIDE

MACLENNAN BROS. LIMITED

Grain and Commission Merchants

BONDED for \$41,000 **NOT** Members of the Winnipeg Grain Exchange

INDEPENDENT AND UNRESTRICTED

1040 Buyers operating under our Track Buyer's License in the Three Prairie Provinces

WANTED FOR EXPORT!

10,000,000 BUSHEL OATS 5,000,000 BUSHEL BARLEY

WIRE US FOR HIGHEST BIDS IN THE MARKET

705 UNION TRUST BUILDING, WINNIPEG

Farmers and Grain Shippers

Save a week on outturns and settlements by shipping your grain to

Interior Elevator, St. Boniface

"The Terminal Elevator for Winnipeg," which gives you the advantage of American as well as Local and Eastern Markets.

You can make your shipments through any Grain Firm.

Fort William Prices—or Better, Guaranteed

INTERIOR ELEVATOR COMPANY LTD.

611-619 Grain Exchange, Winnipeg, Man.

Bartlett & Langille

Grain Commission Merchants

We aim to give satisfaction in the handling and selling of your grain. A trial will convince you.

510 GRAIN EXCHANGE, WINNIPEG

GRAIN DEALERS TRACK BUYERS
COMMISSION DEALERS

Acme Grain Co.
LIMITED

804 UNION TRUST BUILDING
WINNIPEG

CAR LOTS

Get our prices before selling

AGENTS WANTED

where not represented
Telephone Main 3790

If you do not see what you want advertised in this issue, write us and we will put you in touch with the makers.

YOUR SUCCESS IN BUSINESS DEPENDS ON THE SERVICE YOU GET

TRY US!

The Smith Grain Co.

Grain Commission Merchants

Liberal advances made on Bills of Lading. Highest possible prices Prompt returns. Write us for Daily Market Cards.

WINNIPEG

Top Prices for Your Grain

For good treatment, best prices and prompt returns ship your grain to us.

Write, wire or phone for our bids on track

Blackburn & Mills

GRAIN COMMISSION MERCHANTS AND TRACK BUYERS

531-535 Grain Exchange, WINNIPEG
PHONES: MAIN 46 AND 3570



Take No Chances With Your Furs Why send your furs here and there, yourself to the mercy of people who make glittering promises to you, when you can send them to us? We have added to the earnings of thousands of raw fur trappers and shippers by giving them top prices and high grading. Thousands come to us every year with their furs. **Big Money This Year!** Don't tempt fate this year, when the chances for big money are better than ever, because of the war in Europe, which has cut off the foreign supply. Your furs are made into garments which bring big profits. You'll get the benefit of this if you ship to us. Settle your problems once and for all by finding out the best market in the country for your furs every year. We are the largest handlers of silver fox. Let us advise you how to get the best price for your skins. Write for our free Market Reports and Price Lists. **THE AMERICAN EXPORTING AND FUR MANUFACTURING COMPANY**
Dept. 425-427 Decatur Street, New Orleans, La. (17)

has been gathered together. Experiments have been carried on by the Animal Husbandry branch to determine the feeding value of screenings, and the conclusions come to are plainly set forth in this work. There are several objections to the feeding of screenings. One is the danger of distributing weed seeds over the farm. This difficulty can be overcome by first separating the black weed seeds from the rest of the screenings and then carefully grinding the remaining grain before using it for feed. The black seeds are very unpalatable and were refused in each case when fed to cows, pigs, sheep and poultry. They can be readily separated from the rest of the screenings by passing the whole over a one-fourteenth inch perforated zinc screen, and on account of their high oil content they can be burned. The remainder should be kept, ground carefully and fed on the farm.

Summary of Investigations

Following are the conclusions come to by the Department of Agriculture's investigators:

The dockage set on the wheat, oats, barley and flax received at the terminal elevators at Fort William and Port Arthur for the year ending August 31, 1913, amounted to over 100,000 tons.

Transport charges on this quantity of material from the grain fields of the West to the lake front are estimated at \$650,000.

The material removed from grain at terminal elevators consists of shrunken and broken kernels of wheat, oats, barley and flax, besides varying proportions of a very large number of weed seeds.

Up to the present, most of the screenings from our terminal elevators have been exported to the United States, where they have been recleaned and used in various forms in feeding livestock.

On account of the extremely small size of some, and the hard, flinty seed-coats of others, the complete pulverization of all of the weed seeds in screenings cannot be accomplished by an ordinary chopper. Special machinery, expensive in itself and costly to operate, is necessary for the proper grinding of the entire screenings.

Screenings recleaned over a one-fourteenth inch perforated zinc screen to remove the finer weed seeds (black seeds) may be satisfactorily ground by ordinary choppers, if reasonable care is taken in the separation and grinding. Recleaning in this way will remove about 40 per cent. from ordinary elevator screenings.

Feeding stuffs manufactured from screenings, not properly recleaned, sometimes contain thousands of vital noxious weed seeds per pound. Such material should never be fed, as it is liable to introduce weeds that will entail the loss of thousands of dollars.

Feeding experiments have proven that the black seeds are useless as feed and expensive as adulterants. Their mixture in any considerable quantity to other feed makes it unpalatable for all kinds of stock. The addition of molasses to ground screenings containing the black seeds makes the feed palatable, but not economical. The most economical way of making screenings palatable is to remove the black seeds.

Screenings without the black seeds may be fed freely to horses, cattle, sheep or swine, but it is more profitable to have such screenings compose not more than 50 to 60 per cent. of the total grain ration. Buckwheat screenings are especially valuable as poultry feed. The manufacturers of threshing machinery are unanimous in stating that their machines are or may be fitted with screens and operated to separate a large part of the screenings at the time of threshing.

More attention to the cleaning of grain as it is threshed will save the cost of transporting the screenings to the terminal elevators, and will leave the owner in possession of much valuable feed which, if he does not need it for his own use, will find ready sale among livestock men. The growth of weeds entails an enormous loss each year to farmers and while it is desirable to utilize everything in grain screenings of good feeding value, it would be better to burn them than to permit their use in ways that will bring about any increase in the number or distribution of noxious weeds.

There appears to be danger in feeding flaxseed screenings. Several cases of poisoning among farm stock occurred which can be traced to this feed.

Live Poultry Wanted

We guarantee to pay you prices quoted below:

Hens 10c
Spring Chickens—
3lbs. up; and in good shape. 14c
Under 3 lbs. 13c
Roosters 10c
Ducks, Young and Old 11c
Turkeys 15c
Geese 10c

These prices are for live weight, f.o.b. Winnipeg, and if they are satisfactory let us hear from you how many you have and we will forward crates for shipping. Prompt returns.

Golden Star Fruit & Produce Co.
91 Lusted St., Winnipeg

SHIP YOUR LIVE POULTRY

to us. We buy direct for cash. No commission charged. Coops supplied. Get our price list.

The W. J. GUEST FISH CO. Ltd.
WINNIPEG

LIVE POULTRY

Hens—Any size 11c
Roosters 9c
Spring Chickens 14c
Turkeys 15c
Ducks 11c
Geese 10c
Express Money Order mailed same day received. Crates furnished on request. Prices absolutely guaranteed.

WINNIPEG FISH CO. LIMITED Winnipeg

LIVE HENS WANTED

Hens 10-11c
Young Ducks 12c
Turkeys 14-15c
Old Roosters 9c
Geese 10-11c
Spring Chickens. Best Market Prices

The above prices will hold good for one week. Let us know what you have to sell and we will forward crates for shipping. Prompt cash on receipt of shipment.

ROYAL PRODUCE & TRADING CO. - 97 Alkns St., WINNIPEG

Edmonton District Coal

PER \$2.50 TON

Tofield District Coal

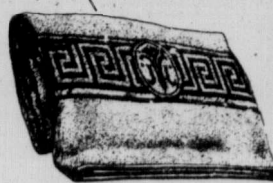
PER \$1.90 TON

Both F.O.B. Cars at Mines. Prompt Shipment Assured

NORTH WEST COAL CO.
Box 1765 EDMONTON Alberta

Send Your Friend at the Front a Jaeger Garment this Christmas

For the warmth, comfort and health of your friends or relations fighting at the front there is nothing which will be more appreciated this Christmas than a Jaeger Garment of some kind.



As supplied to the special equipment for nurses, No. 3 general hospital, McGill

For the men on Active Service we have for your selection

CAMEL HAIR SLEEPING BAGS AND BLANKETS

Khaki Shirts Coat Sweaters
Socks Spencers
Pyjamas Puttees
Colic Bands and Belts Gloves

Our Pure Wool Garments will certainly add to their comfort.

Catalogue sent free on application.

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System
TORONTO MONTREAL WINNIPEG
Incorporated in England in 1883 with British capital for the British Empire

MAKE YOUR OWN WILL

In your home. No lawyer's fees.

BAX CORRECT WILL FORM

Sent with full instructions and specimen will for 35c. Sold by all stationers and druggists (take no substitute), or post free from Bax Will Form Co., Dept. 171, 257 College Street, Toronto.