

SEEDS

We can supply for immediate shipment Home Grown Alfalfa, Red Clover, Alsike, Timothy, Sweet Clover, Ontario Grown Seed Corn, Marquis and Goose Wheat, Bumper King and O.A.C. No. 72 Oats, O.A.C. No. 21 Barley, Peas, Buckwheat, etc. Also Mangel, Turnip Seed and all kinds of Garden Seeds in bulk and packets.

CRAMPSEY & KELLEY
MONTREAL, CANADA

SEEDS

We pay the freight on all orders of \$25.00 or over east of Manitoba.
GOVERNMENT STANDARD

	Per bus.
No. 1 Red Clover.....	at \$32.00
No. 2 Red Clover.....	at 30.00
No. 1 Alsike.....	at 22.00
No. 1 Alsike (Special).....	at 21.00
No. 2 Timothy, No. 1 for purity at.....	6.50
No. 3 Timothy.....	at 6.00
No. 1 Alfalfa (Northern Grown) at.....	17.00
No. 1 Alfalfa Ontario.....	at 27.00
White Blossom Sweet Clover.....	at 14.50
Mixed Timothy & Alsike.....	Per bus. of 60 lbs. at 10.50
Mixed Timothy & Red Clover.....	at 12.00

Terms: Cash with order. Bags extra, at 65c. each. Ask for samples if necessary. We guarantee seeds satisfactory or return at our expense. All prices are subject to goods being unsold.

TODD & COOK

Seed Merchants
Stouffville Ontario

SEEDS

A big stock of the genuine Ontario Variegated Alfalfa Seed.
\$22 per bushel.

Freight paid and bags free in lots of three bushels. This seed was grown right here in the County of Haldimand on fields which in many cases have not been broken up for ten and fifteen years at a stretch. This seed is recommended ahead of all others by the O. A. C. for sowing in Ontario. Ask for samples.

THE CALEDONIA MILLING CO., LTD.
CALEDONIA, ONTARIO

Nursery Stock at Wholesale Prices

First class and true to name. Send for Catalogue. No Agents.
The Imperial Nurseries
RIDGEVILLE - ONTARIO

Farmer's Attention

If you have a Stallion or Horse with itchy legs, tail or mane and you want it cured send one dollar for my Mange Cure, and I will send you what in solution will make two quarts, with full instructions for use. Address

Dr. A. Watson - Cobourg, Ontario

ESSEX SEED CORN

Wisconsin No. 7 on the cob, germination guaranteed. \$3.50 per bushel (70 lbs.) F.O.B. Bags free

LEONARD WIGLE, R. No. 1,
Kingsville, Ont.

Seed Potatoes

Green Mountain, Northern grown. Produce 400 bus. per acre under ordinary field conditions. Hardest variety known, bug resistant, blight proof in this locality. Finest table variety. \$1.50 per bag 90 lbs. 5 bag lot \$1.25.

W. G. HORNICK - Flint, Ont.

CLOVER SEED FOR SALE

A quantity of good, clean Alfalfa seed; price \$25.00 per bus., bags included; Gov't test No. 1. Address

GEO. GIBBONS

Port Elgin, Ont., R. R. No. 3.

Rural New Yorker seed potatoes, free from disease. Two dollars per bag. Bags free.

Edward Littlejohns, R.R.5, Markdale, Ont.

Auction Sale of

40 Good Young Dairy Cows, Young Horses and Brood Sows

for C. F. JACKSON, on the Middlemarch farm two miles west of St. Thomas, on

FRIDAY, APRIL 11th.

- 1 Span Mares 8-yrs.-old weighing 3,000 lbs.
- 1 Span Geldings 5-yrs.-old weighing 2,800 lbs.
- 1 Pair General purpose mares.
- 1 Yearling Colts.
- 1 Five-yrs.-old Mare weighing 1,300 (extra).
- 1 Pair Shire Mares (heavy).
- 1 Span Percheron colts 3-yrs.-old.
- 40 Dairy Cows, new milkers and springers.
- 6 Farrow Cows, 15 Young Cattle, a number of Calves.
- 10 Brood Sows, 12 shoats.
- 2 Pure-bred Aberdeen-Angus bulls 12 months old (registered).
- 2 Pure-bred Shorthorn bulls (registered).
- 2 Pure-bred Holstein bulls (registered).
- 100 Bushel Seed Barley.
- 500 Bushel Seed Oats.

C. F. JACKSON, Proprietor
LOCKE & McLACHLIN, Auctioneer

PEARCE'S IMPROVED TREE BEANS

Twelve bushels of first-class, hand picked seed at \$7.00 per bushel, bags free. This seed took first prize at the Ontario Provincial Winter Fair, Guelph 1918, and is being used this year by the O. A. C.

F. B. HUTT, Georgetown, Ont.

1,000 Bushels

of high-class seed corn, White Cap Dent, will sell at reasonable price.

Telephone—Railways M. C. R. & P. M. R.
H. M. LEE

Highgate - Ontario

Northern Grown Seed Potatoes—Grown in Empire State. Selected from registered seed; winners in Standing Field Crop Competition, and free from disease, \$2.25 per bag, f.o.b.; bags 15c. extra.

R. D. RILEY
Muskoka Lakes District, Milford Bay P.O.

Seed for Sale

Ontario's Variegated Alfalfa No. 1; Gov't inspected; \$25 per bus. Also a few bus. Red Clover, \$25 per bus.

WM. G. SCHELL R. R. 3, Port Elgin, Ontario

FOR SALE

A quantity of good, clean ALFALFA SEED \$25.00 per bushel. O. A. C. Oats 72 at 90c. per bushel.

ROBT. POLLOCK, R. R. 3, Port Elgin, Ont.

Haldimand Grown Alfalfa Seed for sale of both the Variegated and Grimm varieties. Send for prices and Samples.

Grand River Alfalfa Seed Centre
Ross Martindale, Sec., Caledonia, Ontario
R. R. No. 3

Wanted

To hear from party having young Evergreens to sell. Resident of West Nisour preferred.
Morley L. Sw rt, R. 2, Thorndale, Ont.

Choice Alsike Clover Seed

No. 1 at \$18.00 per bus., No. 2 at \$15.50 per bus., bags 50c. Freight paid on lots of 100 lbs. in Ont. O. A. C. 72 oats \$1.00 per bus. sacks included F.O.B. here. A. Bingle, Grimsby, Ont.

For Sale—A quantity of Variegated Alfalfa Seed, Haldimand Grown. For samples and prices write

R. R. 1 E. W. GOWAN
Jarvis, Ontario

FOR SALE

Litter of pure-bred Yorkshire pigs. Apply
E. GOFF PENNY
P. O. Box 1635 - Montreal.

Seed Corn—A quantity of Select Early Leaming, Longfellow, Wisconsin No. 7 and White Cap Yellow Dent. A card will bring full particulars.

GEO. B. LANGFORD
Kent Bridge, Kent Co

50 Early Cabbage Plants

40c. prepaid, shipped everywhere, successfully. Ask for price lists. Agents wanted.

Herold's Farms, Fruitland, Ontario, Niagara District.

For Sale. 2 STALLIONS

"Baton Acme" Imp. [5748] (13298). Foaled 1904. "Monterelle Prince" (13575). Foaled 1910. Both approved Form 1. Foal getters. And priced right.

GEO. B. FORD
GALT, R. R. 1, Ontario.

is not very bad, it can be pulled out by hand, but this takes a lot of work and everyone knows that labor is very scarce. Somebody, however, found out that spraying the grain fields would do just what is necessary; and very quickly. The spraying must be done very early when the first Mustard flowers appear and before any of the mustard goes to seed. Iron sulphate, a substance like bluestone, only of a greenish color and much cheaper, is used. Eighty pounds are dissolved in forty gallons of water. This material is sprayed over the field with a spray outfit just like those used for spraying orchards. This kills the mustard without injuring the grain.

Thus we have seen not only that there are different kinds of weeds, but that the farmer must know how they grow and spread before he can get rid of them in the easiest way. We have also seen how much different we have to treat some weeds from others, if we want to save our crops from injury.

Nitro-Cultures for Legumes.

Among the forage, cover and soiling crops in Canada, one family of plants is of special interest to farmers. These are the legumes or Leguminosae, which include clover and vetches, beans and peas. Botanically they are remarkable for their high nitrogen-yielding qualities, as being constantly associated with bacteria in the soil.

These bacteria—minute living organisms only visible under high microscopic power—form colonies living on the smaller rootlets of the legumes, and produce thereon small lumps or nodules varying in size from a pin head to a small pea. Each kind of crop, whether clover, alfalfa, pea, etc., is greatly benefited by its own particular strain of bacteria culture.

When these bacteria are present in the soil, experience shows that growth is more vigorous, and earlier development takes place. These factors are important in Canada. With alfalfa, robust and early stands have a better chance of resisting winter killing; and the in case of field peas, reports from the Western Provinces show increased yields per acre from the use of nitro-cultures.

Where a crop has once been successfully raised with nodules on the roots, the bacteria survive in the soil for some time, and a subsequent crop is more easily obtained. To give a crop the best chance of succeeding, the appropriate strain of bacteria should be introduced into the ground.

This can be done by transferring soil from ground where that crop has succeeded, and scattering it broadcast over the new field. This method is laborious and expensive, and besides often introduces undesirable weeds and the germs of diseases. Equally good results have been obtained by using pure bacterial cultures. The method of procedure is to mix the culture material, on which are millions of bacteria, with some fluid, generally skim-milk. Then empty the seed on to a clean floor or cloth, and treat it with the fluid, thoroughly stirring the seeds, so that a film of moisture with its bacteria may stick to each seed. The seeds are then spread to dry, out of direct sunlight, which would kill the bacteria. When dry, and on the same day as treated, the seed should be sown and covered up. A cloudy day is the best for this purpose.

Cultures may be obtained commercially from seedsmen, or Agricultural Colleges, at charges ranging from twenty-five cents upwards. The Experimental Farms system, at the Central Farm, Ottawa, prepares cultures for alsike, red clover, alfalfa, peas and beans. Each bottle put up contains sufficient material for the treatment of about sixty pounds of seed. Bona fide farmers and settlers who wish to raise one of the above crops, will be supplied free with a small quantity to assist in establishing that crop in new districts. The recipient is requested at the same time to report results on a form sent with the culture.

Applications should be addressed to the Dominion Botanist, Central Experimental Farm, Ottawa, stating the kind and quantity of seed to be treated.—Experimental Farms Note.

Top Dress with Nitrate of Soda

No Risk of Loss

Nitrate of Soda is the only form of Nitrogen immediately available for growing crops. It gets busy at once. Top dress with

Nitrate of Soda

All other forms must first be nitrated in the soil, taking time, and resulting in costly losses through Bacterial action.

Use 100 lbs. per acre for seeded crops; 200 lbs. for cultivated. These light dressings are easily spread over an acre and the amount is trifling compared to the acreage weight engaged in crop production.

WM. S. MYERS
Chilean Nitrate Committee
85 Madison Avenue New York



FOR SALE

Canadian Root Seed

Raised from the best stock by Dominion Experimental Farms.

SUPPLY LIMITED

Prices as follows:

Mangels—	50 lbs. and over	55c. lb.
200 "	"	50c. "
1000 "	"	45c. "
2000 "	"	40c. "
Swede Turnips—	50 lbs. and over	85c. lb.
100 "	"	80c. "
500 "	"	75c. "
1000 "	"	70c. "
Field Carrots—	5 lbs. and over	90c. lb.
25 "	"	85c. "
100 "	"	80c. "
200 "	"	75c. "

Freight paid and sacks free.

Net payment bank draft 60 days from date of invoice and 5% allowed for cash 10 days from date of invoice.

Particulars about varieties on application.

DR. M. O. MALTE
Central Experimental Farm
Ottawa, Ont.

Buy Tires at Cut-Rate Prices by Mail

Dealers in all leading makes.

Size	Plain	Non-skids	Tubes
30 x 3 1/2"	\$14.75	\$16.50	\$2.25
32 x 3 1/2"	15.50	18.50	2.60
31 x 4"	21.00	26.50	3.20
32 x 4"	21.50	27.50	3.40
33 x 4"	23.50	28.75	3.50
34 x 4"	24.95	31.50	3.65
34 x 4 1/2"	29.50	38.00	4.80
35 x 4 1/2"	33.50	38.50	4.95
36 x 4 1/2"	34.50	39.50	5.15
37 x 5"	37.50	45.00	5.75

Terms C.O.D. subject to examination.

Mark Cut-Rate Tire Co.

126 Carling Street

LONDON - ONTARIO
Phone 6182

Eggs and Poultry Wanted

We have a big demand for eggs. Also for good poultry, either alive or dressed. We prefer to receive heavy hens alive, and young cockerels either alive or dressed. It will pay you to sell to

C. A. MANN & CO.
78 King Street London, Ontario

Washing a Sweater.

"Lux" is excellent for washing fine woollen or silk materials of any kind. Follow directions on the package. Do not hang a sweater on the line as that will pull it into points. After rinsing very thoroughly in warm soft water, spread it out on a sheet, pulling it into a "natural" shape as possible, then leave in a breezy place where it will dry as quickly as possible.