



### Synopsis of Canadian North-West Land Regulations

THE sole head of a family, or any male over 18 years old, may homestead a quarter-section of available Dominion land in Manitoba, Saskatchewan or Alberta. Applicant must appear in person at the Dominion Lands Agency or Sub-Agency for the District. Entry by proxy may be made at any Dominion Lands Agency (but not Sub-Agency), on certain conditions.

**Duties**—Six months residence upon and cultivation of the land in each of three years. A homesteader may live within nine miles of his homestead on a farm of at least 80 acres, on certain conditions. A habitable house is required except where residence is performed in the vicinity.

In certain districts a homesteader in good standing may pre-empt a quarter-section alongside his homestead. Price \$3.00 per acre.

**Duties**—Six months residence in each of three years after earning homestead patent; also 50 acres extra cultivation. Pre-emption patent may be obtained as soon as homestead patent, on certain conditions.

A settler who has exhausted his homestead right may take a purchased homestead in certain districts. Price \$3.00 per acre. Duties—Must reside 6 months in each of three years, cultivate 80 acres and erect a house worth \$300.

The area of cultivation is subject to reduction in case of rough, scrubby or stony land. Live stock may be substituted for cultivation under certain conditions.

W. W. CORY, C.M.G.,  
Deputy of the Minister of the Interior.

N.B.—Unauthorized publication of this advertisement will not be paid for.—64388.

### GRAND TRUNK RAILWAY SYSTEM

#### Harvest Help Excursions

\$12 TO WINNIPEG

August 19 and 26

From stations Kingston and Renfrew and East in Ontario and Quebec.

August 21 and 26

From stations Toronto to North Bay, inclusive, and East, but not including Kingston, Renfrew or East thereof.

August 24 and 28

From stations in Ontario North and West of Toronto but not including line Toronto to North Bay.

For particulars as to tickets West of Winnipeg, etc., apply to any Grand Trunk Ticket Agent.

### DIGGERS

For potatoes. All growers know that it pays to use diggers even on five acres—they save valuable time, save all the crop in good condition, at less expense.

#### IRON AGE DIGGERS

Wheels 36 or 28 ins. Elevator, 22 or 20 ins. wide. Thorough separation without injury to the crop. Best two wheel fore truck. Right adjustment of plow, shifts in gear from the seat. Can be backed, turns short into next row. We guarantee our diggers to do the work claimed for them. Ask your dealer about them and write for booklet.



The Bateman-Wilkinson Company, Limited  
416 Symington Ave.  
Toronto, Can.



\$19 Per Set Delivered to Nearest Railroad Station in Ontario

28-inch and 32-inch diameter, 4-inch by 3/4-inch tire, grooved or plain, made to fit any axle. Write for Catalogue.

NORMAN S. KNOX  
47 Wellington St. East, Toronto, Ont.



### BOOK ON DOG DISEASES

And How to Feed  
H. CLAY GLOVER, V. S.  
118 West 31st Street,  
New York.

Mailed free to any address by the author.

### Forage Plant Tests.

Results of experiments in crop production and field work can never be without interest or without value, and, therefore, a publication describing them must be exceptionally welcome. Such a work is Bulletin No. 84 of the Division of Forage Plants, Dominion Experimental Farms, that gives a summary of results reached at the Central and different branch farms and stations throughout the country, and that can be had free on application to the Publications Branch, Department of Agriculture, Ottawa. There are included also some recommendations as to the varieties to grow, or crop production methods to follow, as deduced from the results of experimental work in the various provinces. A variety of tests at the Central Experimental Farm in Indian corn showed that the best varieties in ears of twelve experimented with were Quebec Yellow, Windus Yellow Dent, Canada Yellow and Free Press, and that, while of the silage varieties proper, Argentine Yellow gave the highest yield in tonnage; White Cap Yellow Dent, Golden Glow, King Philip and Wisconsin No. 7 reached a more advanced stage of maturity. Eighteen varieties of turnips were tested, thirteen of mangels, five of carrots, and four of sugar beets. Of the turnips nine varieties produced over 2 1/2 tons dry matter to the acre. Of the mangels half a dozen varieties yielded 8 1/2 tons of dry matter to the acre. Of the carrots White Belgium gave 24 tons, 400 pounds of crop with 2 tons, 1,905 pounds dry matter to the acre, and Ontario Champion 25 tons of crop and 2 tons, 1,650 pounds dry matter.

With a view of securing data, bearing on the possibility of producing field root seed profitably in Canada, a great number of seed roots were selected, not only at the Central Farm, but also on most of the branch farms and stations in the eastern provinces. At the Central Farm about 12,000 mangels of the Long Red variety and 3,000 Magnum Bonum Swede turnips were secured for the purpose from the general farm crop. In addition, about 3 tons of mangels of the Long Red and Yellow Intermediate types were selected from the plots grown for variety tests by the Division of Forage Plants.

In leguminous forage plants many tests were made for hardiness, quality and quantity. In order to arrive at a proper understanding of the nature of a number of Canadian grasses and sedges, arrangements were made to secure, through exchange, a representative collection of grasses and sedges from Northern Europe. About a thousand sheets of duplicates were prepared for this purpose and sent forward. The reports from the superintendents of branch farms and stations will be found of the greatest interest, each especially to farmers in the respective provinces represented.

### SHORTHORNS AND CHAMPION POLAND CHINAS.

The name of Geo. G. Gould, R. R. No. 4, Essex, Ont., has been before the readers of this paper for many years as a breeder of Shorthorn cattle and Poland China hogs. He has never made much of a boast of his Shorthorn herd, although at the present time they number about thirty-five head, Scotch and Scotch topped. Of the pure Scotch there are Floras, Nonpareils, Village Girls, Jilts, Miss Ramsdens, and Lady Fannys, and the Scotch topped are descendants of the famous cow, Maid of Atha, who won the Shorthorn dairy test at Chicago a few years ago, and, like her, are profitable at the pail. The Scotch bulls in service are: Senior, Bellona Victor, a Bellona-bred son of the famous show bull, Imp. Jilt Victor, dam, the Toronto grand champion, Gem of Ballechin 2nd. The junior stock bull is Missie's Sultan, a Missie-bred son of Imp. Royal Bruce, dam by Imp. Joy of Morning, granddam by Village Champion. Sired by these bulls, for sale, is a big selection of heifers and several young bulls. Of the latter, some are old enough for service. For many years the Poland China herd has cleaned up the prize list for the breed at Toronto and London, and this year will be out stronger than ever. Look them up at Toronto and London Shows.



## Don't Depend on Pasture

But Feed a Supplementary Ration to Your Live Stock

In the Old Country, where the grass keeps so fresh and green all the summer, graziers there almost all feed Linseed Oil Cake to their live stock to supplement the grass.

On the other hand, in Ontario where there is a hot sun and often dry summers the pasture lands soon dry up, the grass is not so succulent, and there is frequently not sufficient to more than sustain the animals.

Milch cows cannot produce nearly their best, and the other live stock can barely hold their own, which means a LOSS all summer.

Many of our best Canadian farmers to-day are adopting this plan of supplementary feeding.

One of the best and most profitable rations for this purpose is

## LINSEED OIL CAKE

MAPLE LEAF



It means a big profit to the farmer, for the reason that his milch cows will give more milk and maintain it longer all summer, also the calves, stockers, etc., will gain weight throughout the entire summer.

Order some Maple Leaf Linseed Oil Cake to-day and feed it to some of your stock and note the difference.

Write for prices and FREE booklet, "Facts to Feeders"

Canada Linseed Oil Mills  
TORONTO LIMITED MONTREAL

## MANY THOUSAND FARM LABORERS WANTED

FOR HARVESTING IN WESTERN CANADA

"GOING TRIP WEST" \$12.00 TO WINNIPEG | "RETURN TRIP EAST" \$18.00 FROM WINNIPEG

### GOING DATES

August 19th and 26th—From Kingston, Tichborne Jet., Sharbot Lake, Renfrew and East in the Provinces of Ontario and Quebec, including intermediate stations and branches.

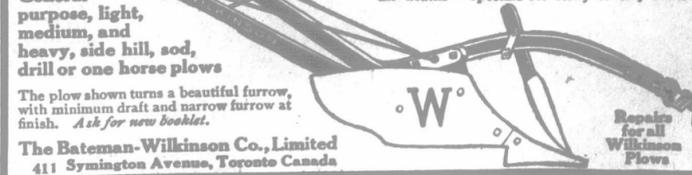
August 21st and 28th—From Toronto, Sault Ste. Marie, Ont., and East in the Province of Ontario, including intermediate stations and branches, but not East of or including Kingston, Tichborne Jet., Sharbot Lake or Renfrew.

August 24th and 29th—From Toronto and stations West and North in the Province of Ontario, but not including stations on line North of Toronto to Sudbury and Sault Ste. Marie, Ont.

For full particulars regarding transportation west of Winnipeg, etc., see nearest C.P.R. Agent, or write—M. G. MURPHY, District Passenger Agent, Can. Pac. Ry., TORONTO

## Wilkinson Plows

THE oldest line of steel beam plows in the Dominion, made in the old Wilkinson Plow Co's factory, by old Wilkinson Plow Co. experts—every one of them men who know their business. It is the standard line of plows and includes 25 or more styles to choose from. U. S. S. Soft Center Steel Moldboards, highly tempered and guaranteed to clean in any soil. Steel beams, steel landsides and high carbon steel coulters. Coulters can be used either stiff or swing. Each plow is fitted especially with its own pair of handles—rock elm, long and heavy and thoroughly braced. The long body makes it a very steady running plow. Shares of all widths—specials for stony or clay land.



General purpose, light, medium, and heavy, side hill, sod, drill or one horse plows. The plow shown turns a beautiful furrow, with minimum draft and narrow furrow at finish. Ask for new booklet. The Bateman-Wilkinson Co., Limited 411 Symington Avenue, Toronto Canada. Repairs for all Wilkinson Plows.

When writing advertisers, will you kindly mention "The Farmer's Advocate."