



**DOUGLAS EGYPTIAN LINIMENT**

**Cures Chilblains and Frostbites**

**For Sale Everywhere**

DOUGLAS & COMPANY MFRS. TORONTO

### Cotton-Seed Meal

Oil-Cake Meal Calf Meal  
Gluten Meal  
Brewers' Dried Grains  
Corn Meal Feeding Tankage  
Shorts Bran Poultry Feeds

Write for prices to-day  
We are buyers of Oats, Barley, Buckwheat, Goosewheat, Corn, Beans, Hay, Straw, Etc.

**Crampsey & Kelly**  
Dovercourt Road Toronto, Ont.

## CREAM

Where are you shipping now?  
And what are you getting for your cream?

We want more individual shippers, and more men to gather cream for us.

Write for our proposition.

**SILVERWOODS LIMITED**  
London, Ontario

## CREAM WANTED

Ship your cream to us.  
We pay all express charges.  
We supply cans.  
We remit weekly.  
We guarantee highest market price.

**Ontario Creameries, Limited**  
London, - Ontario

## H. Fraleigh, Forest

LINSEED MEAL  
FLAX SEED  
OIL CAKE  
COTTON SEED MEAL  
Write for Prices.

We have several

## Holstein Bulls

fit for service, and calves representing high producing strains.

**F. R. Breckon, Merton, Ont.**

"King Segis Pontiac Duplicate" is a son of "King Segis Pontiac," sire of more high-priced bulls than any other in U.S.A. Duplicate's dam is by King of the Pontiacs, having made 21 lbs. butter, 17,500 lbs. milk at 2 years, and is sister to two 40-lb. cows (one 44 lb.), seventeen 30-lb. cows, also sister to 185 A.R.O. cows, a showing made by no other bull, living or dead. One of Duplicate's first tested daughters is Queen Pontiac Ormsby, first heifer in Canada to give 600 lbs. milk in seven days. Write and get a brother of this great heifer for your next sire. **R. M. Holtby, Port Perry, Ont.**

**Glencairn Ayrshires** Herd established 40 years. Producing ability from 8,600 to 11,022 lbs. If that sort of production appeals to you, we have heifers all ages and young bulls for sale. **Thos. J. McCormick, Rockton, Ont. Copetown Sta., G.T.R.**

### The Annual Meeting of the Experimental Union.

Arrangements have been completed for holding the 38th annual meeting of the Ontario Agricultural and Experimental Union at the Ontario Agricultural College, Guelph, on the 9th and 10th of January. Owing to the peculiar weather conditions of the past year, the results of the co-operative experiments conducted throughout Ontario on between three and four thousand farms will be of peculiar interest and value. Since the last meeting, co-operative experiments have been conducted throughout Ontario with varieties of farm crops; quantities of seed per acre; mixed grains for grain production and for fodder; farm-yard manures and commercial fertilizers with winter wheat, potatoes, mangels and rape; the eradication of weeds; the reforesting of waste places; bee-keeping in Ontario, etc.

Not only will the results of the co-operative experiments be presented, but several agricultural subjects of importance will be discussed at the annual meeting, some of which are as follows: "What Ontario Should do in Regard to Potato Production," "Potato Growers' Co-operative Associations," "The Farmers' Apple Orchard," "The Home Vegetable Garden," "Best Sources of Seed for 1917," "The Production in Ontario of Food-stuffs, 1-Vegetable Products, 2-Meat Products and 3-Dairy Products," "Cultivation of the Soil," "Management of Soil Fertility," etc. Some of the speakers are: Henry G. Bell, Chicago; Dr. G. C. Creelman; Andrew Elliott; Hon. Nelson Monteith; Prof. Jas. Murray; Prof. H. H. Dean; F. C. Hart; Prof. G. E. Day; R. S. Duncan, and A. H. McLennan.

All sessions of the Union Meeting to be held on Tuesday and Wednesday, January 9th and 10th, are open to any person interested in agriculture, and everyone is welcome to take part in the meeting. Cheap railway rates have been arranged on the certificate plan. For fuller information and a copy of the program apply to C. A. Zavitz, Ontario Agricultural College, Guelph, Ontario.

### Questions and Answers.

#### Miscellaneous.

#### Horse Book.

Let me know, through your valuable paper, where I could get a horse book telling me all about stallions and mares.

A READER.

Ans.—The question is rather ambiguous. If it's a book giving the history of the breeds, Plumb's "Types and Breeds of Farm Animals," would prove interesting. For diseases of horses "Farmers Veterinarian," by Burkett, would be valuable. Other books are "Productive Horse Husbandry," by Gay, and "Horse Book," by Johnstone. These may be secured through this office.

#### Crossing Breeds—Books on Shorthorns.

1. Would a dual-purpose Shorthorn bull be satisfactory to use on a grade Holstein herd to increase the beefing quality of the offspring, or should a beef-bred animal be used?

2. Where can a person get a book on the raising and breeding of Shorthorn cattle, with explanation of the families?

3. Why is it that we never see any discussion of the new Dairy Standard Act in the Advocate? I think it should be discussed, as I consider it very unjust legislation.

W. W.

Ans.—1. We do not advocate crossing of the breeds. The offspring of a dual-purpose Shorthorn bull would show a tendency toward beef form, although possibly not to the same extent as from a straight, beef-bred sire.

2. There is a book published entitled "The History of Shorthorn Cattle," by Sinclair. "Types and Breeds of Farm Animals," by Plumb, also gives the history of different breeds of animals. Both these books may be secured through this office.

3. Reference has been made to the new Dairy Standards Act on several occasions in the Dairy Department of our paper.

# FERTILIZERS FOR 1917

The time is now at hand when you must purchase your requirements of fertilizers, and your concern is to get the best value for your money. One ton of

## SYDNEY BASIC SLAG

costs \$20, and hundreds of Ontario's leading farmers say it gives better results than other goods costing dollars more. You have been reading lots about BASIC SLAG, and we know you have been thinking of trying it. Why not get a ton this season? You are making no experiment. Over 3,000 tons were used in Ontario in 1916, as against 230 tons in 1913, the first year of its introduction. The world's consumption is four million tons.

If you don't know our local agent, drop us a line, and we will put you into communication with him, or if we are not represented in your territory, perhaps you could distribute a car of 20 tons among your neighbors.

**The Cross Fertilizer Co., Limited**  
Sydney, Nova Scotia

## Yearling Heifers For Sale

As our stables are full, and expect several more calves shortly, offer for quick sale 3 yearling daughters of Dutchland Colantha Sir Mona; also 2 beautiful daughters of Pontiac Korndyke Het Loo. The 35-lb. bull is sold. We also have a 17-months' bull by King Pontiac Artis Canada, and out of a 25-lb. sister of the great May Echo. Another, same age, by Dutchland Colantha Sir Mona, and from the noted 25-lb. show cow, Cherry Vale Winner. Come and see these, you will like them.

Gordon H. Manhard, Supt.

W. L. Shaw, Newmarket, Ont.

Stops 69 Yonge St., Toronto and York Radial Cars.

### HIGHLAND LAKE FARMS

Offer for sale at attractive prices a few choicely bred Holsteins. No. 1—A yearling son of a 34-lb. bull, and a 20-lb. 3-year-old prizewinning cow. No. 2—An 8-months' son of a 34-lb. bull and a 16.21-lb. 2-year-old granddaughter of King Segis. The dams of these bulls are in our foundation herd, and will be tested again at next freshening. Write for printed pedigrees. We also have for sale a few females bred to our herd sire, KING SEGIS PONTIAC CANADA.

R. W. E. BURNABY (Farm at Stop 55, Yonge St. Radial) Jefferson, Ont.

### HOLSTEIN BULLS READY FOR SERVICE

Two are by King Korndyke De Kol, a son of the great Pontiac Korndyke. One is from a 25-lb. 3-year-old, and the other from Queen of Oxford, dam of Queen Butter Baroness. We have others younger, by King Walker Pride, a 24.36-lb. son of King Walker. Write us also for females.

COLLYER V. ROBBINS, BELL PHONE WELLANDPORT, ONTARIO

### DUMFRIES FARM HOLSTEINS

Think this over—we have 175 head of Holsteins, 50 cows milking, 25 heifers due to calve in the fall, and 60 heifers from calves up to 2 years, as well as a dozen yearling bulls, and anything you may select is for sale. Breeding and individuality the very best. S. G. & Erie Kitchen, St. George, Ontario

## Hospital for Insane, Hamilton, Ont.

Holstein bulls only, for sale. One fit for service from a R. of P. dam, testing 4.08 per cent. butter-fat; also four ranging from three to nine months, all from our Korndyke bull. Apply to Superintendent.

**Orchard Leigh Holsteins**—Special offering, three heifer calves 6 to 11 months, sired by King Veeman Ormsby. Several fine bulls from cows with records of 29.20 lbs., 27.96 lbs., and 20.79 lbs. butter in 7 days, and from a 18.69-lb. junior two-year-old. Write, or better, come and see them.

(Electric car stops at the gate.) JAS. G. CURRIE & SON, Ingersoll, Ont.

### THREE HOLSTEIN BULL CALVES

Twelve months old, and good individuals. They are all sired by Lynwood Duke, a son of Daisy Poesh (29.01 lb., 4 yr. old) and sweepstakes winner, Ottawa Dairy Test, 1914. We also have others younger and would price a few females, freshening early. Everything offered has official backing. Write W. J. BAILEY, JARVIS, ONTARIO.

### PIONEER FARM HOLSTEIN HERD

Of long-distance record makers, the kind that milk heavy and test around 4 per cent. the whole year. Of the six highest butter-fat-record two-year-olds in Canadian R. O. P.; one half were bred at Pioneer Farm. Young bulls for sale from dams of the same breeding as these and sired by Canary Hartog whose three nearest dams average 30 lbs. butter in 7 days and 108 lbs. milk in one day.

WALBURN RIVERS, R.R. NO. 5, INGERSOLL, ONT. Phone 343 L. Ingersoll Independent.

### 30-LB. GRANDSON OF KING SEGIS

Two years old. The records of his dam, grandam and her full sister average 30 lbs. Mostly white, long, straight, evenly developed—very smooth and stylish. A real promising individual, weighs over fifteen hundred pounds, price two hundred dollars, on car, Toronto.

R. F. HICKS, Newton Brook, York Co., Ont.