

Co-operation! Co-operation! Co-operation!

Attend the U.F.O. Convention
The Farmers' Parliament

ON
February 28th, March 1st and 2nd

IN
St. James Parish Hall
65 Church St., TORONTO

All Farmers Welcome

Reduced Railway Fares

If you have not yet received a copy of our programme send for one. Is your industry and the land your pioneer father wrested from a wilderness not worthy of your interest? If so, attend the Convention.

FEEDS

All feeds have advanced. Mill feeds are almost impossible to procure. Owing to the congested condition of the railways, there is no indication of a decline in the price of oats at the present time.

We are pleased to advise our patrons that we have a car of cotton seed meal now in transit and we will soon be able to offer this feed in less than carlots at attractive prices.

We have not been offering corn for several days, owing to the present embargo, but expect to have some for prompt shipment very soon.

GROCERIES

We have pleasure in announcing that we are now in a position to quote delivered prices on this line. Our new lists are on the press and will be ready for distribution in a few days.

Write us for quotations on grass seed, root seeds, seed oats and barley, fertilizers, oils and gasoline.

Coal oil and gasoline will be one cent per gallon higher after February 15th.

We are still open to buy a few car loads of turnips. Write us for quotation if you have any to offer.

FAT POULTRY is in great demand just now. **SUGAR** is advancing.

We can also quote on Hay Fork Cable.

The United Farmers' Co-operative Co., Ltd.

110 Church St., Toronto

If you are in need of a CREAM SEPARATOR

let us ship you a

"Sanitary King"

Six Sizes:—135, 200, 250, 375, 600, and 800 lbs. capacities.

Detachable Spindle, Oil Splash and loose discs. We guarantee these machines to be built of the best material, first-class workmanship, skim clean, easy to turn and wash. Cash prices very low. Must satisfy or money refunded. Sold on easy terms if desired. Write to-day for catalogue and local agent's address.

KING SEPARATOR WORKS
of Canada, BRIDGEBURG, ONT.

BRICKS

There is a parcel of sample bricks awaiting your request, and if you contemplate building send at once. It will not cost you a cent for the samples or delivery charges.

Interprovincial Pressed Brick

They are made of heavy shale, natural colors and have fine-cut edges and a very smooth surface—the ideal facing brick.

Write to-day to:—

INTERPROVINCIAL BRICK CO.
of Canada, Limited
GOODYEAR BLDG., TORONTO

Questions and Answers. Miscellaneous.

Law Book.

Where can I get a book which has been advertised occasionally in "The Farmer's Advocate" and is said to be a good law book for Canadian farmers. I forget the title of it, but it is said to put the law in simple, understandable language. A.W.

Ans.—The book entitled "The Canadian Lawyer" may be purchased through this office for \$2.00, postpaid.

Heaves.

1. Horse took a bad cough last October; coughs mostly after being driven and the hair stands on end. He is always well fed and cared for. What would be the cause of the cough, and what remedy do you recommend?

2. In the issue of Feb. 8 an answer to a question regarding Delco Light claimed that the outfit would supply six 20-Watt lamps for four hours. Will not the outfit permit of using more lights than this? Would it be necessary to keep the engine running more? How would power be gotten from it to run a pump? A.P.B.

Ans.—1. The symptoms are rather indefinite, but they indicate that the horse is contracting the heaves, which, when well established, is practically impossible to cure. If alteration of the structure of the lungs and air cells has not taken place, the trouble may be arrested by the following treatment: Feed first-class hay in small quantities; when working feed liberally on good oats. Dampen all feed with lime water, and in the morning give a ball composed of 1½ drams of powdered opium, 2 drams solid extract belladonna, 1 dram of camphor, and 20 grains of digitalis, with sufficient oil of tar to make plastic. Roll in tissue paper and administer. As far as possible avoid working him soon after a full meal.

2. When mentioning the number of lights it was in answer to the cost of operating the outfit. It was mentioned that six 20-Watt lamps could be run for four hours at a cost of from three to five cents, depending on the price of gasoline and kerosene. More lights could be operated from the machine, but it would naturally exhaust the batteries that much quicker and would necessitate operating the engine more frequently. An indicator informs the operator when the batteries are becoming weak and should be recharged. For operating a pump a small electric motor should be used, which would be operated from the batteries.

Crop for Pasture.

1. Are tufts of snake grass on a hill any indication of a spring suitable for a dug well?

2. Would a place on the side of a hill where water flows out quite freely in the spring be a good place to dig a well, or would it be a streak of hard pan causing the water to rise?

3. A cow came in last spring and a lump seemed to drop down into one teat and stopped the milk flow. The only way to get milk from it was to squeeze the lump up and work the milk down. Could anything be done while dry?

4. What is the best grass seed to sow for a pasture to last three or four years on heavy clay land badly run down?

5. Are coal ashes any good to loosen up soggy clay?

6. Does it pay to use rock phosphate in the gutters as an absorbent?

W. C. M.

Ans.—1. Not necessarily so, however, it sometimes grows in the vicinity of springs.

2. It depends on the lay of the land. Very often a layer of hard pan will hold the water back, causing it to flow down the side of the hill. The same layer of hard pan might hold the water so as to give a continuous supply in the well.

3. A veterinarian might be able to operate on the teat and remove the obstruction when the cow is dry.

4. Besides the ordinary seeding of timothy and clover, 1 pound of alsike, 3 pounds of orchard grass, 3 pounds of meadow fescue and 3 pounds of Kentucky blue grass per acre should make a pasture which will give results for several years.

5. Coal ashes have no fertilizing value to speak of but they tend to loosen the soil.

6. The rock phosphate may tend to sweeten the stable and absorb liquid, but it is doubtful if it would increase the fertilizing value of the manure to any great extent.

Highly Pedigree Clydesdales

DUNURE MAINS STUD

Important Scotch Dispersal

It is an honor to us to announce that having concluded arrangements with WM. DUNLOP, ESQ., an event of outstanding importance in the Clydesdale world will take place on

Tuesday, March 6th, 1917

Within The Horse Repository, AYR, SCOTLAND

When we will expose for sale, absolutely without reserve a draft of

50 Highly Pedigree Clydesdales

COMPRISING:

16 Stallions, 3-year-old and upwards, hired for the forthcoming season by Breeding Societies throughout Scotland and England.

6 Stallions, 3-year-old.

5 Stallions, 2-year-old.

9 Brood Mares.

3 Fillies, 2-year-old.

5 Fillies, 1-year-old.

4 Colts, 1-year-old.

2 Geldings.

Hour of sale, 12 o'clock.

While a full description of each lot appears in the catalogue, which can be obtained from the office of this paper, post free, it could here be of interest to note that included in the lot of 16 hired horses are such famous prizewinners and breeding sires as "Dunure Vintage," "Dunure Freshfuel," "Dunure Peer," "Dunure Footline," "Dunure Tower," "Dunure Walker" and "Dunure Vortex." Then, again, among the 2- and 3-year-old stallions, prizewinners are again in evidence. The brood mares are a noteworthy lot, embracing that outstanding animal, "Dunure Toby," with its great show-yard record, gaining premier honors on every occasion shown, excepting when meeting her stable companion, "Dunure Chosen," which latter mare has an unbeaten show-yard career. There again appear such well-known mares as "Dunure Voice," "Dunure Imogene," "Dunure Sympathy," "Dunure Esther," "Dunure Graceful" and "Balcairn's Primrose," which latter mare gained leading honors in 1915 at all the important shows in Scotland and England, and reserve for the Cawdor Cup, the coveted trophy of the year. Of the catalogued mares, "Dunure Voice" and "Sarah Pride" are served with "Dunure Footprint." "Sweet Floweret" has two championships, three firsts and one third prize to her honor. Of the 2-year-old fillies, one of them carried her class at last year's Royal Show, two are sired by "Footprint" and one by "Auchenflower." And, again, of the five yearling fillies, "Dunure Footprint" is the sire of three, and one is sired by "Dunure Birkenwood." Lastly, of four yearling colts, one is sired by "Sir Stephen" and three by "Dunure Footprint." It will be noted from the foregoing the prominence of the progeny of that great stallion, "Dunure Footprint," a son of that Clydesdale wonder, "Baron o' Buchlyvie," auctioned a few years ago for £9,500. "Dunure Footprint" was bred, and is owned, by Mr. Dunlop, and is universally recognized to be the outstanding horse of his breed to-day. His dam was acknowledged to be a really ideal mare and the finest type of a cart horse in her day.

NOTE.—The sale is of an absolutely unreserved character, and is rendered necessary on account of the numerical increase of stock, combined with the paucity of labor through the exigencies of war.

JAMES CRAIG, LIMITED, Live Stock Salesmen, Ayr, Scotland

FIRST ANNUAL PURE-BRED STOCK SALE

Market Square, Petrolia, on

Wednesday, February 28, 1917

AT 1 P.M. SHARP

Lambton County Pure-bred Stock Association

will sell by public auction

40 Head of Cattle

consisting of Shorthorn, Angus, and Holstein bulls and heifers, also one Shire stallion.

The offering has been contributed by the best breeders in the County. Terms:—Cash, or eight months' credit will be allowed on approved joint notes, with interest at 6 per cent. per annum, from date of sale. A limited number of animals not yet registered, but eligible, will be offered. Apply to the Secretary for catalogue. Sale under cover if stormy.

Auctioneer: Capt. T. E. ROBSON, London

W. S. Steadman, President **W. P. Macdonald, Secretary**
Petrolia, Ont. Petrolia, Ont.

Imported & Canadian-bred Clydesdales

We have some big, drafty, good quality stallions from our 1915 fall importation. They have been winners wherever shown. We have other proven sires, imported a year ago, as well as a choice lot of Canadian-bred stallions and mares.

SMITH & RICHARDSON, Columbus, Ontario