

Heaves CURED

—by removing the cause—and cured to stay cured—if 3 boxes of Fleming's Tonic Heave Remedy fail to effect a cure of any case, old or new, we will refund the full amount paid.

Per Box, \$1.00; 4 for \$3.00 Mailed on receipt of Price.

Scratches Disappeared
Gentlemen—I gave a course of your Tonic Powders, which has put a horse and his mate in fine shape, and a touch of scratches has quite disappeared. Geo. A. Miles, Orville, Alta.

Full information in Fleming's Vest Pocket Veterinary Adviser. Write us for a Free Copy.

FLEMING BROS., Chemists
75 Church St. - Toronto, Ont.

The Only Breed

which can furnish both market topping steers and cows which are profitable milk producers, is the Shorthorn.

More pounds of beef, more milk, more profits.

Write the Secretary for free publications.

Dominion Shorthorn Breeders' Association

W. A. DRYDEN, President
Brooklin, Ont. 23

G. E. DAY, Secretary
Box 285, Guelph, Ont.

Shorthorns

ANTICIPATION

will be greater than
REALIZATION
if you are not using a
Good Shorthorn Bull

I have a few imported ones ready for service, as well as several of my own breeding. The price is not high.

WILL A. DRYDEN
Maple Shade Farm Brooklin, Ont.

English Dual-Purpose Shorthorns

For sale: Bull calves and young bulls. English bred for milk and beef. The right kind to head Canadian herds to increase profits. From very moderate prices and up. English Large, Black Pigs. A great bacon type, long and deep, thrifty. Come or write.

LYNNORE STOCK FARM
F. Wallace Cockshutt
Brantford - Ontario

Mardella Shorthorns

Herd headed by the Duke, the great, massive 4-year-old sire, whose dam has 13,599 lbs. of milk and 474 lbs. of butter-fat in the R.O.P. test. I have at present two exceptionally good, young bulls ready for service, and others younger, as well as females all ages. Some are full of Scotch breeding, and all are priced to sell. Write or call.

Thos. Graham Port Perry, Ontario
R. R. No. 5

I HAVE FOUR CHOICE SHORTHORN BULLS

All are of serviceable age and from good milking dams. They are sired by my former Wedding Gift herd sire which was a son of Broadhooks Prince. Also have younger calves by present herd sire Primrose Duke, as well as females bred to him. Inquiry invited. Write me also for anything in Tamworths.

A. A. COLWILL (Farm adjoining Village, Bell phone.) Newcastle, Ont.

Butterfly King the 19th

A Dual-purpose Shorthorn bull sired by Butterfly King (Imp.). Each have eight or nine daughters in the R.O.P. His dam won the dairy test at Guelph two years in succession. He is the only bull in Canada whose sire is also in the R.O.P. He is large, sure, and active. For sale, to avoid inbreeding.

G. A. JACKSON, Downsview, Ont.

one-half inches unless the ground should be very rough.

Gauge wheels are used with walking plows to regulate the depth of plowing. Always set them to run parallel with the furrow. The use of these wheels will increase the life of the shares and make the work easier for both the team and the plowman. It is advisable to use them in soft ground. They are generally put on a plow when a jointer is being used.

The Disk Plow.

The disk plow has been used where it is necessary to plow the ground when it is sticky or when it is very hard and dry. It is of the utmost importance that the disk plow be provided with a very strong frame and with substantial bearings. Plenty of clearance is also desirable, especially when plowing under high weeds and trash. Comparatively few plows are made strong enough to stand up when plowing in the hard, dry ground. The scrapers on a disk plow perform much the same function as a moldboard does on a moldboard plow. Ample adjustments should be provided for the scrapers so that it will be possible to adjust them to do the best possible work. A number of disk plows are so made that it is possible to add more disks so that one or more disks may be used. Better work is done by a disk plow when the width of furrow being cut is not over 10 inches.

Why is Home-Grown Clover Seed Best?

The Dominion Experimental Farms' system has for years advocated the use of Canadian-grown red clover seed on the ground that heavier and more reliable crops may be expected from the home-grown seed than from seed imported from some other country.

The superiority of Canadian-grown red clover seed has been demonstrated over and over again and, as a result, many progressive farmers prefer it to any imported seed and, knowing its superior value, raise the red clover seed themselves rather than take a chance of getting unsuitable seed through the trade.

In order clearly to understand why the home-grown seed is superior to the imported article, it should be remembered that there is not a single pound of red clover seed on the market which can be said to represent a distinct variety. In fact, every pound of red clover seed sold in Canada represents a mixture of a large number of varieties. What this means may be exemplified if we assume, for the sake of comparison, that all kinds of corn varieties are being mixed and the mixture thus obtained put on the market for seeding purposes. The comparison applies perfectly to red clover, for all red clover seed sold in Canada is a mixture of a large number of different types of plants. Some of these types are what is called winter-hardy, that is to say, capable of coming through the winters without injury on account of their hardy nature. Others, however, are tender types which in this climate, are unable to stand the rigor of the winters.

As the ordinary red clover is a mixture of hardy and tender types, there is always a certain amount of winter-killing going on, the result of course being that the greater percentage of tender types in a clover field, the greater the winter-killing. On the other hand, the plants which come through the winter may be considered to represent a stock much harder than the original mixture of hardy and tender types.

Here is where the value of home-grown red clover seed comes in for it is obvious that seed, harvested from a Canadian clover field from which a large percentage of the tender types have been eliminated through the weeding-out process caused by the winter, is bound to produce a harder and consequently more reliable and more remunerative crop than any imported seed which may consist of a mixture of both hardy and tender types. And, furthermore, it is obvious that the farther north the seed is grown, the more suitable it is for a country like Canada, because the farther north it is grown, the harder is the crop raised from it likely to be. In view of this we must strongly recommend, not only that red clover seed raising be taken up on a large scale, especially in the northern red clover producing districts, but also that, whenever possible, northern Canadian red clover seed be used in preference to imported seed.—Experimental Farms Note.

Ontario Hereford Breeders' Association



J. E. HARRIS, Pres., Kingsville, Ont.

"Hello, Harry! Do you know that Hereford calf I bought from you is one of the best investments I ever made? My boy is feeding it for the Baby Beef Contest this fall, and he is some contented now to stay with the farm."

"Yes, Bill, that's one beauty about feeding Herefords, you don't have to wait long to see results."



JAMES PAGE, Sec., Wallacetown, Ont.

Imported Shorthorns

SIRES IN SERVICE;

Imp. Collynie Ringleader
(Bred by Wm. Duthie)

Imp. Clipper Prince
(Bred by Geo. Campbell)

Imp. Orange Lord
(Bred by Geo. Anderson)

We are offering a large selection in imported females with calves at foot or in calf. A few home-bred females, 19 imported bulls and 8 home-bred bulls, all of serviceable age. If interested, write us, or come and see the herd.

J. A. & H. M. PETTIT - Freeman, Ontario

Burlington Jct., C.T.R., half mile from farm. Phone Burlington.

Harnelbell Shorthorns

Herd headed by Gainford Supreme, one of the best sons of the Great Gainford Marquis.

FOR SALE:

Some choice young cows with calf at foot; also some open heifers and heifers in calf to Gainford Supreme.

We have also for sale some choice young bulls. Farm one mile from Islington Station.

SAMUEL TRUESDALE, Manager, Islington, Ont.

HARRY McGEE, Proprietor, 61 Forest Hill Road, Toronto, Ontario

R.O.P. Dual-Purpose Shorthorns

Herd headed by Brant Hero =113223= with good milk backing on both sides. Foundation Cow Maud =108683= with record of 11861 lbs. milk, 513 lbs. butter fat one year. Have heifers on R.O.P. from this cow doing well. Visitors welcome at farm.

GROVER C. ANDERSON R.R. No. 1, Waterford, Ont.

A 12 MONTHS' OLD ROAN WIMPLE BULL FOR SALE

Others coming on. Also Lincoln lambs, rams and ewes, got by an imported ram, out of heavy shearing ewes.

J. T. GIBSON, Denfield, Ontario

Pure Scotch and Scotch-Topped Shorthorns—We have several choice young bulls of the best of breeding and ready for service. Two are by Rapheal (imp.), one by Right Sort (imp.), one by Sittytton Selection, and several by our present herd sire, Newton Cedric (imp.). Prices right.

R. M. MITCHELL, R.R. No. 1, Freeman, Ontario

SPRUCE GLEN FARM SHORTHORNS

Four bulls (thick mellow fellows) from 9 to 13 months—Reds and Roans. Also a few choice heifers and two grade yearling heifers from heavy milkers. Priced to sell.

JAMES MCPHERSON & SONS DUNDALK, ONTARIO

Shorthorns Landed Home—My last importation of 60 head landed at my farm on June the 20th, and includes representatives of the most popular families of the breed. There are 12 yearling bulls, 7 cows with calves at foot, 24 heifers in calf, of such noted strains as Princess Royal, Golden Drop, Broadhooks, Augusta, Miss Ramsden, Whimble, etc. Make your selection early.

GEO. ISAAC. (All railroads, Bell phone) Cobourg, Ontario

Glengow Shorthorns

—We have a choice offering in young bulls, fit for service. They are all of pure Scotch breeding, and are thick, mellow fellows, bred in the purple.

WM. SMITH, COLUMBUS, ONT. Myrtle, C.P.R.; Brooklin, G.T.R.; Oshawa, C.N.R.

Shorthorn Bulls and Females—Herd headed by Ruby Marquis, a son of the great Gainford Marquis (imp.) Our calves now coming are all by this sire. We are also offering a few females in calf to him. Get our prices before buying elsewhere.

PRITCHARD BROS., R. R. No. 1, Elora, Ont.

Walnut Grove Scotch Shorthorns Established 1840. Gainford Eclipse and Trout Creek Wonder 2nd in service. We are in a position to supply bulls and females of the best Scotch breeding fit for either show or foundation stock. We invite inspection of cattle. Write your wants. **D. BROWN & SONS, Shedden, Ont.** Long Distance Phone. Twelve miles west of St. Thomas, P.M., M.C.R.

Beach Ridge Shorthorns and Yorkshires—Shorthorn herd headed by Sylvan Power sired in 1915, and sire of the G. Champion bullock at Guelph Winter Fair, 1918. Young stock of all ages, both sex, for sale; also young cows with calf at foot or in calf to Sylvan Power. We can supply any want in Yorkshires.

R. D. HUNTER, EXETER, ONTARIO

GRAND VIEW FARM SHORTHORNS

Herd headed by Lord Rosewood =121676= and by Proud Lancer (Imp.). Have a few choice bull calves and heifers left, sired by Escanna Favorites, a son of the famous Right Sort (Imp.).

W. G. GERRIE C.P.R. Station on farm. Bell Phone. **BELLWOOD, ONTARIO**

ROBERT MILLER, Stouffville, Ont. Has EIGHT of the best young bulls that he has owned at one time, good ages and beautifully bred. Also several Champion bulls at head of the herd. Everything of Scotch breeding. The prices are very reasonable, and though the freight is high, it will be paid.

Spring Valley Shorthorns—Herd headed by Sea Gem Pride =96365= Present offering includes two real herd headers. One imported in dam, the other by Sea Gem's Pride and from a show cow. A number of other good bulls and a few females. Write for particulars.

KYLE BROS., R. 1, Drumbo, Ont.

DUAL-PURPOSE SHORTHORNS

Herd headed by Dominator 106274, whose two nearest dams average 12,112 pounds of milk in a year. Cows in the herd with records up to 13,891 pounds of milk. Cows in calf to Dominator priced to sell.

WELDWOOD FARM, Farmer's Advocate, London, Ont.