

The Latest Improved Specialties FOR FARMERS AND GARDENERS

These tools are Labor and Money savers and should be on every farm and garden. Our method of making these specialties assures adaptability, strength and service at the minimum price for the best goods of their kind on the market.



**"EUREKA"
GARDEN
SEEDER**

The only fear-wheel driven Seed Drill on the market. The Eureka will handle the most delicate seed without bruising or breaking and will sow evenly to the last seed. Can be instantly converted from a regular seed sower into a Hill-Dropper. No waste of seed when turning rows. For sowing Sugar Beets and all garden seeds this machine is unequalled. Sold with or without the Cultivator Attachments.

"EUREKA" WAGON BOX AND RACK
Without wings and ladders it is an excellent wagon box. With them it is a perfect Hay, Stock, Wood, Corn or Fruit Rack. Can be instantly adjusted to any position without wrench, hook or rope.

"EUREKA" SANITARY CHURN
The only Sanitary Churn made. Barrel of finest stoneware, top of clear pressed glass, very easy to operate. Three sizes 8, 10 and 12 Gallons.

"EUREKA" COMBINATION ANVIL
The Combination includes Anvil with vice, Pipe Vice, Drill Attachment, Saw Clamps and Hardie. An excellent article for repairing tools and machinery. Weighs 60 lbs.

WRITE FOR CATALOGUE
Our latest catalogue describes our entire line. It shows our Cultivators, Seeders and Tools as they are and gives a full description of their construction in detail. Write for free copy.

THE EUREKA PLANTER COMPANY, LIMITED
WOODSTOCK, Ontario. 22

Messrs. Nickman & Scruby

Court Lodge, Egerton, Kent, Eng.
Exporters of Pedigree Live Stock of All Descriptions. Draft Horses a Specialty.
Draft horses are high, and feed is low; imported horses bought well are easily the best value for money that can be bought in horse flesh. Write us for full particulars. We can give highest references, many being to entire strangers who have dealt with us by correspondence only.

GLENGOW Shorthorns and Cotswolds

Our present offering in Shorthorn heifers and young bulls are modern in type and of richest Scotch breeding, and the prices are low; Cotswold Ewe and Ram lambs of high quality.

WM. SMITH & SON - COLUMBUS, ONT.
L. D. Phone

Woodholme Shorthorns

I have for sale a number of choice young bulls, from 8 to 14 months old (pure Scotch); also a number of heifers, 1 to 2 years old, of this level type, and richest breeding. G. M. FORSYTH, North Claremont, Ont.

SPRING VALLEY SHORTHORNS

Herd headed by the two imported bulls, Newton Ringleader, -73783- and Scottish Pride, -36106- The females are of the best Scottish families. Young stock of both sexes for sale at reasonable prices. Telephone connection.

KYLE BROS. - Ayr, Ontario.

Shorthorn Bulls and Heifers—I have a choice lot of young bulls, heifers and calves in calf now to offer. Former sires, Joy of Morning (imp.) -32070- and Benachie (imp.) -69854-. Present stock bull, Royal Bruce (imp.) -55038- (36909) 27355.

GEO. D. FLETCHER, R. R. No. 2, Erin, Ont.

Oakland—50 Shorthorns.

Offering for winter and spring trade, is six excellent bulls from ten months to two years old. Out of fine dual purpose dams and sired by our noted Scotch Grey Bull 72692. He is a beautiful roan and all quality, he is also for sale or exchange. John Elder & Sons, Hensall, Ont. Station and P. O.

1854 Maple Lodge Stock Farm 1913

Am offering a very fine lot of young Shorthorn bulls just now. Excellent breeding and most from splendid milking dams. The kind that is needed.

House is one mile from Lucan Crossing, G. T. R.
A. W. SMITH, Maple Lodge P.O., Ont.

Spruce Lodge Shorthorns & Leicesters
Present offering: Young bulls and heifers from grand milking dams. Also a choice lot of Leicester rams and ewe lambs, and ewes of all ages bred to imp. rams. W. A. Douglas, Tuscarora, Ont.

Questions and Answers.

Miscellaneous.

Possibly Stringhalt—Seeding Down.

1. I have a young mare which lifts her hind leg both high and wide, swinging it out when walking. She moves properly when made move around in single stall, and will not lift it in standing over. Will you kindly advise me what the trouble may be?

2. Have a field of high, clay land, some places gravelly. I purpose seeding to clover or something in the spring. Was thinking of alfalfa, too. Would you advise seeding a mixture of clover and timothy with alfalfa? B. M.

Ans.—1. This is possibly stringhalt. See answer to this question in recent issues.

2. Alfalfa alone should do well on the high, clay land. It may not do so well on the gravelly portion. If for pasture, mix; if for hay, sow alfalfa separately.

Persian Lamb.

Regarding the fur commonly known as Persian lamb, I would like to enquire, what kind of animals produce such fur? Are they domestic animals? If so, where could I get some of them?

J. G. B.

Ans.—The fur, "Persian lamb," is that of lambs bred in Persia. Most of the lamb wools known to the trade, come from Russia, Persia, and Afghanistan. Persian lambs are a rusty black in color, and the size of the skins is about 18x9 inches, as they are killed before the wool has time to develop beyond the flat, wavy state. All the skins are dyed to give the shiny, black lustre. Some of the finest of opera cloaks and gloves are made from the skins of still-born lambs. The finer the curl, and the closer, the greater the value. We presume these skins are produced by domesticated sheep. Whether or not they would succeed here we cannot say.

Leaf Mold and Miscellaneous Queries.

1. I am sending you in a small box, under separate cover, a sample of leaf-mold of which I have found a large deposit on my farm, some acres in extent, and two to three feet deep, and would ask what you think of it for this sandy soil? What crops would benefit most by using it, and how best to use, thick spreading or thin, alone or with a little manure? Is it good for garden? Would it pay to use it at all?

2. If I cut horns on six-months-old calves, will they grow again? How old must calf be before cutting horns to stop growth?

3. In this locality (Joliette County, Quebec), do you think I could grow two crops on same field (well manured), of peas and oats, to cut green for hay?

4. What quantities of seed to sow?

5. What do you think of Awnless Brome for hay for milch cows, and horses? Does it make good pasture for milking cows? When is best time to sow, and at what time to cut for hay?

6. Does water freeze quicker in iron pipe or wooden, and why?

C. S. N.

Ans.—1. The sample sent was very dry. It should make a good stable absorbent, and we would have no hesitancy in applying to land to grow crops. Leaves contain considerable fertilizer. It would likely be even better on a loam or heavier soil. Garden crops would be benefited by its use. It is also valuable in preparing kotbeds. Try it as an experiment, and see if results do not justify its further use.

2. No; not if properly done.

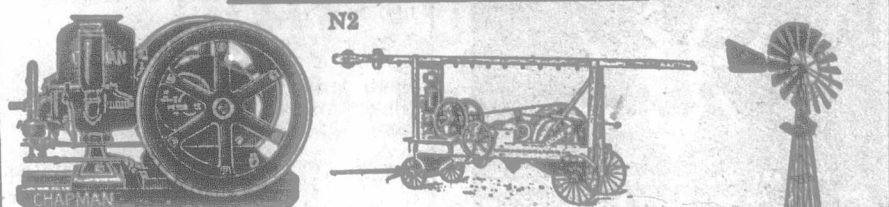
3. It would scarcely be wise. One good crop would pay better than two poor ones.

4. About 1½ bushels of each, if the peas are large; fewer peas if a small variety is sown.

5. There are several better-known grasses which would give better results for hay and pasture. A mixture of red clover, orchard grass, alsike clover, meadow fescue, and timothy, makes a good pasture. Good timothy and red clover mixture, with a little orchard grass added, is splendid for hay.

6. In an iron pipe, because iron is a better conductor of heat than wood.

Ontario Wind Engine & Pump Company's LINES ARE SUPREME



Go Deeper Than the Surface

Instinct and experience have taught the wise old hen to scratch below the surface and carefully examine everything she eats.

Intelligence and necessity have convinced the progressive farmer in need of an Engine, Well Drill, Feed Mill, Windmill, Pump, Tank or Water Supply goods to buy the Ontario Wind Engine & Pump Co's lines because he has gone deeper than the crate, has looked them over and tried them out.

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MAPLE LEAF BRAND OLD PROCESS OIL CAKE MEAL

Is the best food to fatten an animal in the shortest time; it multiplies the feeding values of all grains and fodders fed with it, and leads all other feeds in manurial value for fertilizing the soil. A ton of "MAPLE LEAF" OIL CAKE MEAL contains three times the digestible protein or muscle-making element contained in a ton of corn, and protein is the most costly, necessary and valuable element in food. Feed "MAPLE LEAF" OIL CAKE MEAL and WATCH THE RESULT. If your dealer cannot supply you, write direct to our nearest mill.

THE CANADA LINSEED OIL MILLS, LIMITED
Notre Dame Street, East, MONTREAL, QUE. Sorauren Avenue, TORONTO, ONT.

MALASOFAT DAIRY MEAL

PARK FEED MILLING COMPANY, LIMITED
17 River Street Toronto, Ontario, Canada

15 SHORTHORN BULLS 15

We have been breeding Shorthorns on this farm for over 60 years, and I never saw a better lot of young bulls for sale than I have at the present time. Nearly all of the best Scotch breeding; reds and roans, from 10 to 20 months old. Also a few females and several registered Clyde fillies. Prices within the reach of all. Will quote prices, freight paid to your nearest station.

Claremont Sta., C.P.R., 3 miles. John Miller, Brougham, Ont.
Pickering Sta., G.T.R., 7 miles.

SHORTHORNS!

Have now a choice lot of young bulls to offer; also with something nice in heifers. Catalogue of herd and list of young animals on application. H. Cargill & Son, Props., Cargill, Ont., Bruce Co. John Clancy, Manager.



10 SHORTHORN BULLS 10

If in need of a bull those that we are offering should interest you. They range from 8 to 14 months old, and are nearly all bred direct from imported stock. We also have females of all ages. Bell 'phone. Burlington Junction, G. T. R. W. G. PETTIT & SONS, Freeman, Ontario.

SCOTCH SHORTHORNS One High-class Imported yearling bull. 10 bull calves, from 7 to 16 months old. 40 heifers and young cows, all by imported sires. Also some imp. yearling heifers. MITCHELL BROS., BURLINGTON, ONT. Farm ¼-mile from Burlington Junction.

5 Shorthorn Bulls 5—We have for sale at moderate prices five Scotch Shorthorn bulls, including one of our herd bulls. Also a number of high-class heifers and heifer calves.

A. J. HOWDEN & CO., Columbus, Ont. Myrtle G. T. R. & C. P. R. Long-distance 'phone