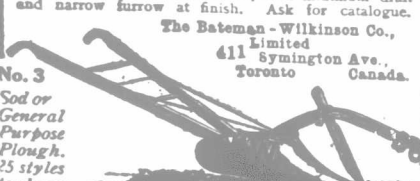


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U.S.S. Soft Centre Steel Moldboards, highly tempered and guaranteed to clean in any soil. Steel beams, steel landsides and high carbon steel coulters. Clevises can be used either stiff or swing. Each plough is fitted especially with its own pair of handles—rock elm, long and heavy and thoroughly braced. The long body makes it a very steady running plough. Shares of all widths—specials for stony or clay land. The plough shown turns a beautiful furrow, with minimum draft and narrow furrow at finish. Ask for catalogue.

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411 Symington Ave., Toronto, Canada.

No. 3
Sod or General Purpose Plough.
25 styles to choose from.



Good Luck

COTTON SEED MEAL
CALF MEAL OIL CAKE MEAL
FLAXSEED GLUTEN MEAL
POULTRY FEEDS

Write for prices

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WOOL
HIDES, SKINS, HORSEHAIR,
WRITE FOR OUR PRICES BEFORE SELLING
FREE SPORTSMEN'S CATALOG
OF GUNS, TRAPS, NETS,
FISHING TACKLE, &C.
JOHN HALLAM, LIMITED
No. 3 HALLAM BUILDING - TORONTO

Lakeside Ayrshires

A few young bulls for sale from Record of Performance dams, imported and Canadian-bred, sired by Auchincbrain Sea Foam (imp.) 35758, grand champion at both Quebec and Sherbrooke. Write for catalogue.

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Stockwood Ayrshires—Sired by my royally-bred and prizewinning bull, Whitehall King of Hearts, imp., for sale are in calf heifers and young bulls, out of imp. and big producing cows.
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High-Ayrshires If you are wanting a richly-bred young bull out of a 50-lb.-a-day and over cow, imp. or Canadian-bred dam or sire, write me. Females all ages. Prices are easy.
D. A. MacFARLANE, Kelso, Quebec

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Two yearling bulls sired by Lakeside Day Star (Morton Mains Planet). Write for description.
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Pedigreed Jersey Cattle for immediate sale. Eight cows, one bull; also three pedigreed Holstein bulls.
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TAMWORTHS

Young sows bred for September farrow and some nice young boars. Write
John W. Todd, R. R. No. 1, Corinth, Ont.

Morrison Tamworths and Shorthorns—Bred from the prize-winning herds of England. Tamworths, both sexes. 12 young boars fit for service. 12 young sows to farrow in July and August. Choice Shorthorns of the deep-milking strain.
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ELMFIELD YORKSHIRES Choice ones—ranging from 2½ to 5 months. Will be ready for fall service. Prices right.
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Pine Grove Berkshires
Sows bred and ready to breed. Boars fit for service. Young things, both sexes, from my prizewinning herd.
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PROSPECT HILL BERKSHIRES
Young stock, either sex, for sale from our imported sows and boar. Also some from our show herd headed by our stock boar, Ringleader. Terms and prices right.
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AVONHURST YORKSHIRES
Two choice litters, both sexes, from one of the most prolific strains in Canada. They're fit to win, too.
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Yorkshires and Shorthorns—We are offering two choice Kilbrin Beauty bulls, one from the imp. cow, Scotch Healer. Also a choice lot of young Yorkshire pigs of both sexes, from a litter of eighteen. Also a 600-lb. dam.
A. McKinnon, Erin, R. M. D. Hillsburg or Alton station. Long distance phone.

Questions and Answers. Miscellaneous.

Disinfecting Stable—Painting Burlap—Plantain in the Lawn.

1. I have a pure-bred heifer that carries her tail very high above the level of her back, what is the cause and treatment if any?

2. I tested my herd for tuberculosis and found three reactors. How will I clean my stables to be safe for healthy cattle? The floor and mangers are all cement with iron stalls and stanchions, 4-foot cement wall and about the same of wood, the ceiling is boarded. There are a few box stalls made of boards. Would like to know in particular about cleaning the manger.

3. We have a large bevel mirror which has become spotted, could we re-silver it at home, if so give full instructions. If not where could we have it done?

4. We have dark red burlap on the lower part of the wall in our dining room we wish to make it a dark green. Please give full particulars how to paint it.

5. What is the enclosed weed, and how would I get rid of it, as it is choking out the grass in the lawn?

A READER.

Ans.—1. If the heifer has always carried her tail high it may be the natural position, and nothing could be done to lower it. If it is due to some local trouble, conditions would possibly right themselves by the removal of the cause. From the symptoms given it is difficult to state definitely the cause of the trouble.

2. The stable walls and ceiling should be swept down and then all litter removed from the floor. If it is spread on plowed land the sunlight will soon kill all germs. Sunlight and air are nature's disinfectors and as much as possible of both should be allowed to have access to the stable. An antiseptic solution as creolin, crude carbolic acid or any coal-tar product, should be sprayed over the entire stable. Fresh whitewash is an excellent disinfectant. It kills germs and lightens dark places. One of the antiseptic solutions mentioned might be added to the wash and applied while hot. The material can be applied with a brush or a spray pump. Be careful to force it into the cracks and crevices of the walls and floor. Clean the mangers thoroughly and apply about a four-per-cent. solution of a coal-tar disinfectant. Turpentine is an excellent disinfectant and has been used satisfactorily, but is too expensive to use over a large area. If live steam were available it would prove satisfactory for cleansing the mangers.

3. The silvering of mirrors is usually done on a moderately hot table especially built for the purpose and heated by steam. Possibly a more satisfactory job would be done by a regular manufacturer, but it is possible to repair a mirror at home. Place the mirror face downward on a table and thoroughly clean the spots to be silvered. Then spread over the spot a piece of tinfoil a little larger than the area to be repaired. After spreading it out smoothly let fall on the center of it a drop of metallic mercury and with a bit of chamois rub the foil until it becomes brilliant. Cover with a sheet of smooth paper and apply a light weight to keep the new amalgam in close contact with the glass. The amount of mercury needed will be about 3 drachms to the square foot of surface to be silvered. Practice is required to do the work neatly. If desirous of sending the mirror to a firm to have the work done consult your local dealer in mirrors regarding a firm to deal with.

4. Several coats of paint will be necessary to prevent the red from showing through. Ready-mixed paints of the desired shade can be secured and it is only a matter of applying it evenly over the surface. When the first coat is dry, apply the second.

5. The leaf received at this office is believed to be that of the common plantain. The only method of eradicating it from the lawn is to spud it out. If the lawn is badly infested it is advisable to break it up and give it a season of thorough cultivation.

THE WOODVIEW FARM
JERSEYS
LONDON, ONTARIO
John Pringle, Proprietor

Canada's Most Beautiful Jersey Herd—Half the herd imported from the Island of Jersey. Several cows in the Record of Merit, and others now under official test. Some very choice stock for sale. When writing, state distinctly what you desire, or, better still, come and see them. Farm just outside city limits. We work our show cows and show our work cows.

YOUNG Brampton Jerseys BULLS

For the next fortnight we are making a special offering on young bulls, bred from the highest producing families ever introduced into Canada. Brampton Jerseys and their descendants hold all Jersey R.O.P. records save one. Females all ages, also for sale. B. H. BULL & SON, Brampton, Ont.

CANADA'S OLDEST JERSEY HERD

Has for sale several exceptionally choice young bulls of serviceable age, bred on both sides with official and high producing blood. Also yearling heifers and heifer calves.

D. DUNCAN & SON, Todmorden, R.M.D. Duncan Sta., C.N.O.

City View Ayrshires—Improve your milk test. Four yearling bulls, fit for service, sired by bulls from R.O.P. dams and from R.O.P. cows. Average test for the year 4.15, 4.21, 4.64 and 4.7 per cent fat. Prices reasonable. Cash or credit on bankable paper. Eggs for setting, R.-C. and S.-C. Rhode Island Reds. Winners wherever shown.

JAMES BEGG & SON, R.R. 1, St. Thomas, Ont.

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Largest and oldest importers and breeders of

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in Canada. Look up our show record, it will give you an idea of the kind of Oxfords we have for sale.

PETER ARKELL & SONS, Proprietors, Teeswater, Ont.
Customers, beware of imitations of this advertisement.

Summer Hill Farm

THE HOME OF THE FAMOUS OXFORD

We breed and import Registered Oxfords. Rams and ewes in any quantity for sale. All recorded. Positively no grades registered as pure-breds.

Also no grades handled except by order.

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Farnham Farm The oldest established flock in America

Having quit the show ring we hold nothing back. Our present offering is a number of superior yearling and two-shear rams for flock headers, a carload of yearling range rams, a hundred first-class yearling ewes; also a fine lot of ram and ewe lambs of 1918.

ALL REGISTERED

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BLAIRGOWRIE SHROPSHIRE AND SHORTHORNS

100 Imported Shearling Ewes 75 Canadian-bred Shearling Rams
25 Imported Shearling Rams 20 Cows and Heifers in Calf
75 Canadian-bred Shearling Ewes 5 Bulls of serviceable age

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Ashburn, Ont.

Myrtle Sta., C.P.R. & G.T.R.

Duroc Jersey Swine, Jersey Cattle—In Duroc Jerseys we have either sex of any desired age, bred from winners and champions for generations back. In Jerseys we have young cows in calf, and young bulls, high in quality and high in producing blood.

Mac. Campbell & Sons, Northwood, Ont.

OAK LODGE YORKSHIRES

We are in a position to supply boars and sows of different ages. We have an established type of Yorkshires that has been produced through many years of careful breeding and selection.

J. E. Brethour & Nephews,

Burford, Brant County, Ont.

YORKSHIRES

Our offering never better. Champion hog winner of 12 firsts, 5 championships, 2 years showing, still at the head. Boars and sows, all ages, same breeding as winners of export bacon in keen competition at Toronto in 1915.

Wm. Manning & Sons

Woodville, Ontario

ELMHURST LARGE ENGLISH BERKSHIRES

From our recent importation of sows together with the stock boar, Suddon Torredot, we can supply select breeding stock, all ages. Satisfaction and safe delivery guaranteed.
H. M. Vanderlip, Breeder and Importer, R.R. 1, Brantford, Ontario
Langford Station on Brantford and Hamilton Road

CLOVERDALE LARGE ENGLISH BERKSHIRES

Sows bred, others ready to breed; boars ready for service; younger stock, both sexes, pairs not akin. All breeding stock imp. or from imp. stock. Prices reasonable.

C. J. Lang, Burketon, Ont. R. R. 3

Newcastle Herd of Tamworths and Shorthorns—Stock boar and 2 aged sows for sale; fit for any show ring; also boars ready for service, and a number of sows bred for Aug. and Sept. farrow; others ready to breed, both sexes ready to wean; all descendants of imported and championship stock. A few choice bull calves, from 2 weeks up to a year old, from great dual-purpose cows; several extra good cows, with or without their calves; also heifers in calf to Broadlands, my present stock bull. Show stock a specialty. Prices reasonable. Long-distance phone.
A. A. GOLWILL, R.M.D. No. 1, Newcastle, Ont.

BERKSHIRES My Berkshires for many years have won the leading prizes at Toronto, London and Guelph. Highcleres and Sallies, the best strain of the breed, both sexes, any age.

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Shakespeare Station, G.T.R.

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Our present offering is young breeding Berkshires, both sexes and any desired age, sire and dams imported, high-class in type and quality and priced right. Also one 2-year-old imported dairy-bred Shorthorn bull with official backing for generations back.

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Maplehurst Herd of Tamworth Swine

S.-C. W. Leghorns and White Rocks—This herd has won about 90 per cent. of the prizes offered in the last ten years at the Canadian National, Toronto, Ottawa, London and the Guelph Winter Fair.

D. DOUGLAS & SONS,

R. R. No. 4.

MITCHELL, ONTARIO

Quality in YORKSHIRES

RICHARDSON BROS.

FOR SALE—We have a number of choice sows bred and others of breeding age; also a limited number of young boars.

COLUMBUS, ONT.