

Ring-Bone



There is no case so old or bad that we will not guarantee

Fleming's Spavin and Ringbone Paste

to remove the lameness and make the horse go sound. Money refunded if it ever fails. Easy to use and one to three 45-minute applications cure. Works just as well on Sidebone and Bone Spavin. Before ordering or buying any kind of a remedy for any kind of a blemish, write for a free copy of

Fleming's Vest-Pocket Veterinary Adviser

Ninety-six pages of veterinary information, with special attention to the treatment of blemishes. Durable bound, indexed and illustrated. Make a right beginning by sending for this book.

FLEMING BROS., Chemists,
76 Church St., Toronto, Ontario

Aberdeen-Angus Cattle—For Sale: A choice young bull (15 mos.) of richest quality and breeding; also females.

Glengore Stock Farm,
GEO. DAVIS & SONS, Props. Alton, Ont.

Aberdeen - Angus

Now is the time to buy a bull; eleven for sale; also females any age or price. **WALTER HALL,**
Drumbo station. Washington, Ont.

Balmedie Aberdeen-Angus I am offering for sale young bulls and heifers of the highest types of the breed. Show stock in show condition a specialty. Bred on the most popular lines. **Thos. B. Broadfoot, Fergus Sta., Wellington Co., Ont.**

WILLOW BANK STOCK FARM
Shorthorns and Leicesters



Herd established 1855, flock 1948, have a special good lot of Shorthorns of either sex to offer of various ages; also a grand lot of Leicester sheep of either sex—a few imported ones to offer.

JAMES DOUGLAS
Caledonia, Ontario.

"The Manor" Scotch Shorthorns

Present offering: 1 choice yearling bull, an "Undine," 6 dam imp. Young cows in calf. Yearling heifers; Clippers, Minas, Wimples, Julias, etc. Inspector solicited. Prices moderate. Phone connection.

J. T. GIBSON, DENFIELD, ONTARIO

SHORTHORNS



About 14 head of bulls and heifers, good rears and reds, all from a milking strain. Also Shropshire shearlings and ram lambs. Barred Rock cockers. Inspection invited. Prices reasonable.

JOHN RACEY
Lennoxville, Que.

MAPLE LODGE STOCK FARM
1854—1911

Am offering a splendid lot of young Shorthorn bulls for sale now; good colors and choice individuals; several of them from high-class milkers. A few select Leicesters for sale yet.

A. W. SMITH, Maple Lodge, Ontario
Lucan Crossing, G. T. Ry., one mile.

OAKLAND SHORTHORNS

We have another lot of young bulls ready for fall and winter trade, out of good breeding dual purpose dams and sired by our herd header, **Scotch Grey, 72692**, one of the best bulls in Ontario; good cattle and no big prices. Will also sell a few cows and heifers; about 50 to select from.

JOHN ELDER & SON, HENSAI L. ONTARIO

Fletcher's Shorthorns and Yorkshires

Stock bull "Spectator" (imp.) =50094= for sale or exchange; also choice heifers. I also offer my (imp.) Yorkshire boar for sale or exchange.

GEO. D. FLETCHER, Binkham, Ont.
Erin station, C. P. R.

SPRING VALLEY SHORTHORNS

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

KYLE BROS., - - Ayr, Ontario

Shorthorns of Show Calibre

I have only three young bulls left, but every one will be a topper; sons of the greatest stock bull in Canada, **Mildred's Royal**, out of big, thick Scotch cows. For a show bull or show heifer, write us.

GEO. GIER & SON, Grand Valley, Ont.

Shorthorns Choice selections of bulls and heifers at all times for sale at very reasonable prices. **Robert Nichol & Sons, Hagersville Ont.**

Shorthorns and Swine—Am now offering a very choice lot of cows and heifers, safe in calf, and some choice young bulls for the fall trade; also Berkshire and Yorkshire pigs; showyard material.

ISRAFI GROFF, Fimira, Ont.

Shorthorns, Shropshires and Berkshires—For sale: I have young bulls and heifers, bred for milk production. High-class flock-headers, winners, and covered to the ground. Berkshires, both sexes of breeding age, show stock.

W. Wilson, Brickley P. O., Hastings Sta., G. T. R.

Calves Raise them without milk. Booklet free.

CLOUGH & CO., Lennoxville, Que.

QUESTIONS AND ANSWERS. Miscellaneous.

TAX RATES.

Could you kindly give me some information, through your paper, regarding the tax rate of the different counties of Ontario, as I have been informed that Wellington is the highest in Ontario?

G. S.

Ans.—We have no record of the tax rate of the various counties in the Province. The county and township rates may change from year to year, according to expenditure necessary. You might get some information out of the Annual Report of the Bureau of Industries, or from Municipal Bulletin No. 4, entitled "Municipal Statistics." These could be obtained by writing to the Ontario Department of Agriculture, Parliament Buildings, Toronto.

LANTERN GLASS BREAKS.

I am troubled with lantern glass breaking. Put on one last night, and before I got to the barn it flew to pieces. This is the fourth glass this fall. Can any subscriber give reason, or tell me what kind to buy? I believe there are plenty of farmers troubled the same way.

A. F. D.

Ans.—No doubt some lantern glasses contain flaws which cause them to break, but more often they break as a result of the wick being turned too high when first the lantern is lit. This causes an unequally rapid heating of the glass, the heated portions expanding more rapidly than the cooler portions, causing it to crack. Many lantern glasses have been known to crack when taken out in the rain. The cold water on the heated glass causes a contraction, and thus the glass cracks. It is always best to have the flame turned low when first lighted, and after the glass has become heated it can safely be turned higher.

CULTIVATION AND FEEDING QUERIES.

1. Is there any method of guiding the horses straight while sowing grain and cultivating?

2. I am feeding twelve fat cattle. What grain ration would you advise starting and finishing them on? I am feeding them silage and cut feed mixed.

3. Our land is in a good state of cultivation. Could you tell me how much it should be worked in the spring seedling to make a good seedbed?

A. A. S.

Ans.—1. Take special care in the first time across the field by using stakes or following a straight furrow, after which make good use of the lines to guide the horses and keep the work straight.

2. As the size and condition of the cattle is not given, and you do not state what grain feed you have, it is difficult for us to formulate a ration. Then, again, different individual animals require different rations. It is necessary to study them carefully. Your roughage ration is good. If the silage is well preserved, and contains a good proportion of cobs, and the cut feed contains a good proportion of clover or alfalfa hay, the grain ration will not need to be very heavy. If the steers have had no meal, commence feeding on about one to two pounds per day, and gradually increase the ration until they get from eight to nine pounds per day during the finishing period. Corn is a good fattening food, and at present prices could be profitably used as a large proportion of the grain ration. A small proportion of bran is advisable, and during the finishing stage about 1.5 to 2 lbs. of cake might be added.

3. No satisfactory answer can be given to such a question. The amount of tillage required depends upon the kind of soil, the season, the crop to be grown on it, and a hundred other things. Ordinarily, if the ground has been fall plowed and is in a good state of cultivation, two strokes with a spring-tooth cultivator or disk harrow should prepare it for seeding. It can then be sown and harrowed once or twice as occasion demands. No rule can be laid down, however, and what is good for one field may not do for another, and good cultivation in one season may be inadequate the next year.

IMPORTED ABERDEEN-ANGUS CATTLE

We have a large selection of IMPORTED ANGUS BULL CALVES and YEARLINGS for sale. Also a few heifers and cows. These cattle represent the most desirable blood lines and families of this breed in Scotland, and are an exceptional lot of fine individuals.

Prices Reasonable

This is an opportunity to introduce the best imported blood in your herd. Angus sires are noted for their prepotency, and thus are extremely desirable for improving and building up herds of grade cattle. You are cordially invited to inspect our herds and stock.

Breeder and Importer
Clydesdale Horses
Jersey Cattle
Aberdeen-Angus Cattle
Shropshire Sheep
Berkshire and Yorkshire Swine

LARKIN FARMS
Queenston, Ont.
Canada

J. D. LARKIN, - Owner
Buffalo, N. Y.



ORCHARD GROVE HEREFORDS

Champions of 1911 shows, winning both senior and junior herds at Winnipeg, Brandon, Regina, Edmonton, Toronto and London; also fifteen championships. Young stock, both sexes, for sale at reasonable prices.

Long-distance Phone

L. O. CLIFFORD Oshawa, Ont.



ARTHUR J. HOWDEN & CO.

ARE OFFERING

15 High-class Scotch Shorthorn Heifers

At moderate prices, including Cruickshank Nonpareils, Cruickshank Villages, Marr Emmas, Cruickshank Duchess of Glosters, Bridesmaids, Bruce Fames, Kinellars, Claret, Crimson Flowers, and other equally desirable Scotch families, together with a member of the grand old milking Atha tribe, which have also been famous in the showing.

Arthur J. Howden & Co., Columbus, Ont.

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, Proprietors, Cargill, Ont., Bruce Co.
JOHN CLANCY, Manager



Shorthorn Bulls and Clydesdale Mares

If you are in the market for a young bull, write us for particulars, or, better still, come and see them. We have 13 young bulls, from 8 to 14 months old, of good breeding and quality. We also have four imported Clydesdale mares, safe in foal.

W. G. PETTIT & SONS, Freeman, Ontario

Bell phone.

Burlington Jct. Sta., G. T. R., 1/2 mile from farm

THIS IS A GOOD TIME, AND I HAVE A GOOD PLACE, TO GET A HIGH-CLASS SCOTCH SHORTHORN BULL CALF by my great Whitehall Sultan sire, or a young cow in calf to him, to start a herd that will be gilt-edged. **SHROPSHIRE RAMS AND EWES**, too, at low prices. **CHILDREN'S PONIES**. A **CLYDESDALE FILLY**, such as I can send you, is one of the best things any man can buy. Just write me and say as nearly as possible what you want, and I will surprise you with prices on goods that are genuine.

ROBERT MILLER, STOUFFVILLE, ONTARIO



ELMHURST SHORTHORNS & BERKSHIRES

I have now a particularly choice lot of young Berkshires; over 50 to select from; bred from imported stock. Strictly high class, from breeding a few down. Also choice young Scotch Shorthorns. **H. M. VANDERLIP, Catsville P.O., Langford Sta., on Electric Road, between Hamilton and Brantford.**

SALEM SHORTHORNS Headed by (Imp.) **Gainford Marquis**, undefeated in Britain as a calf and yearling, and winner of junior championship honors at Toronto, 1911. Have on hand two yearlings and a number of bulls under a year for sale at reasonable prices.

J. A. WATT, Salem, Ont. Elora Sta, G. T. R. and C. P. R.

Scotch Shorthorn Females for Sale I am offering at very reasonable prices, females from one year to five years of age. The youngsters are by my grand old stock bull, **Scottish Hero (imp.) =55042= (9065)**, and the older ones have calves at foot by him or are well gone in calf to him. Their breeding is unexcelled, and there are show animals amongst them. **A. EDWARD MEYER, Box 378, GUELPH, ONT.**

Scotch Shorthorns FOR SALE: 14 blocky, low-down bull calves, from 6 to 11 months old, all from imported stock. 20 yearling and two-year-old heifers of best Scotch breeding; also one imported bull, an extra size. Farm 1/4 mile from Burlington Jct. Sta.

Mitchell Bros., Burlington, Ont.

Pleasant Valley Farms Shorthorns—For Sale: 7 good young Scotch bulls high-class bred; also cows and heifers. Correspondence solicited. Inspection invited.

GEO. AMOS & SONS, Moffat, Ont.
Farm 11 miles east of Guelph on C. P. R., 1/2 mile from station.

Shorthorn Bulls—Special offering: Scotch breeding, full of flesh and quality, with plenty of scale and from good milking dams.

H. SMITH, Hay P.O., Huron County, Ontario.
Exeter Station, G. T. R., 1/2 mile.

WHEN WRITING ADVERTISERS MENTION THE FARMER'S ADVOCATE.