

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 4-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
75 Church St. Toronto, Ont.

DON'T CUT OUT A Shoe Boil, Capped Hock or Bursitis

FOR

ABSORBINE

will reduce them and leave no blemishes. Stops lameness promptly. Does not blister or remove the hair, and horse can be worked. \$2.50 a bottle delivered. Book 6 R free.

ABSORBINE JR., for mankind, the antiseptic liniment for Boils, Bruises, Sores, Swellings, Varicose Veins, Ailings Pain and Inflammation. Price \$1.25 a bottle at drugists or delivered. Will tell you more if you write.

W. F. YOUNG, Inc., 258 Lyman Bldg., Montreal, Can.

MESSRS. A. J. HICKMAN & CO.
Halse Grange, Brackley, England
Exporters of all Breeds of Pedigree Live Stock.

Send for an illustrated catalogue and see what we can do for you. Whether you want show or breeding stock, buy direct from England and save money.

ALLOWAY LODGE STOCK FARM
Angus, Southdowns, Collies
Choice bred heifers. Bulls 8 to 15 months. Southdown ewes in Lamb.

ROBT. McEWEN, R.4, London, Ont.

SUNNY ACRES ABERDEEN-ANGUS
The present string of young bulls for sale includes some classy herd bull prospects, winners themselves and sired by champions. If interested in Angus write your wants. Visitors welcome.

G. C. CHANNON - Oakwood, Ontario
P. O. and 'phone
Railway connections; Lindsay, C.P.R. and G.T.R.

Aberdeen-Angus Cattle
Suffolk Down Sheep or Clydesdale Horses
Write **JAMES BOWMAN,**
ELM PARK, GUELPH, ONT

Aberdeen - Angus
Meadowdale Farm
Forest Ontario.

Alonzo Matthews Manager
H. Fraleigh Proprietor

Sunny Side Herefords—Choice bulls and heifer calves, young cows with calves at foot. Reg. Shropshire rams ewe and ewe lambs. Inspection invited. All are priced to sell.

Arthur F. O'Neill & Sons, R.R. No. 2
Denfield, Ont.
Phone 27-12 Granton.

Kennelworth Farm Angus Bulls—The ever had, all are sired by Victor of Glencairn and a number are ready for service. Prices reasonable.

Peter A. Thompson, Hillsburg, Ontario.

Balmedie Aberdeen-Angus
Nine extra good young bulls for sale. Also females all ages. Show-ring quality.

THOS. B. BROADFOOT, FERGUS, ONT.

Shorthorns and Oxfords For Sale
Two young bulls, one a choice roan grandson of Right Sort; also ewes and lambs, either sex.

GEO. D. FLETCHER, R.R. No. 1, Erin, Ont.

When writing please mention Advocate.

Gossip.

Rideauvale Holsteins.

Of the various Christmas advertisements appearing in that number, few are more interesting than Mr. Carson's advertisement of Rideauvale Holsteins. Mr. Carson's splendid herd now numbers in the neighborhood of fifty head, and while it is only a couple of years since the first purchase in breeding females was made, it will be noted that at the Central Canada Exhibition, held at Ottawa in September, individuals from the herd carried away both the junior and senior female championship honors, the latter also winning grand champion of the show. The winner of this honor being Flora Tensen, one of the very first cows purchased by Mr. Carson. She came to the herd along with several other cows from Western Ontario, including Countess Plus, Duchess of Norfolk and others. Countess Plus is also a big, strong cow of show individuality, and Duchess of Norfolk is probably one of the best producing young cows in the herd. Still another outstanding young cow which came to the herd shortly after its foundation, is Riverdale Forum Segis. She has style and exceptional size to her credit, and looks as if she might be one of Rideauvale Farm's very first thirty-lb. cows. Pontiac Jesse Hengerveld 3rd, still one more which figured among the first purchases, has early proven her worth in producing one of the sweetest 1919 heifers of the season, in fact, in type she very much resembles Rideauvale Duchess Ladoga, the senior calf by Princess Sylvius Ladoga, which carried away the junior championship at Ottawa this fall. These females are representatives of the herd throughout, and to mate with them Mr. Carson was fortunate in securing the young herd sire Sir Pontiac Clyde Pietje 36466. This youngster won the second in a strong class of senior calves at Ottawa this fall, and his sire is Woodcrest Sir Clyde, senior sire in service at Avondale Farm, Brockville. On the dam's side, the breeding of Sir Pontiac Clyde Pietje is also in keeping, she being Avon Pontiac Allie, one of the youngest 32-lb. cows ever developed at Avondale. Her exact record for seven days being 32.22 lbs. of butter, for thirty days 127.42 lbs. of butter both of which were made at five years of age. It is also interesting to note that she produced as a four-year-old, 29.49 lbs. of butter in seven days, and 113.61 lbs. in thirty days. As a three-year-old she made 36.37 lbs. in 7 days, and at two years 22.50 lbs. Thus it will be seen that she increased her record by several pounds each year from the beginning of her first test as a two-year-old, which is a pretty good sign that even as yet she has not reached her limit in the way of production, as there are a number of cows in the herd bred early to Sir Pontiac Clyde Pietje. Mr. Carson is expecting some calves in the very near future, and if one may rely on breeding, it is safe to prophesy they will be choice.

Questions and Answers.

Miscellaneous.

Power for Pumping.

1. What size engine would be required to force water a distance of 400 feet with a raise of 60 feet? Would you recommend a windmill or gasoline engine for this work? Could the water be drawn instead of forced? Are oil engines giving as good satisfaction as gasoline? Are they any more expensive to operate?

2. What distance apart should signs be put up around our woods in order to keep hunters and trappers out? Would it be necessary to put them all around the farm?

W. H. M.

Ans.—1. A 2-horse-power engine should force the water the distance required. If the water comes within 20 feet of the height of the cylinder, the water may be drawn by a suction pump. A windmill is a cheap form of power, but a person should have a large supply tank to tide over a calm spell. A gasoline engine will pump the water when you want it. Oil engines are giving good satisfaction, and, while we have no data relative to the cost of operating, we imagine that the cost would be about the same as a gasoline engine.

2. The signs should be put up at no greater distance apart than will permit a man seeing one at any point approaching the woods. They should be put around the property where trespassing is prohibited.

EIGHTEENTH ANNUAL

Ottawa Winter Fair

OTTAWA, ONT.

January 13, 14, 15, 16, 1920

\$18,000.00 in Cash Prizes

Write to the Secretary for Prize Lists, Entry Forms and information.

Entries close December 30th

WM. SMITH, M. P. P., President
Columbus, Ont.

W. D. JACKSON, Secretary
Carp, Ont.

NORTHERN ONTARIO

A vast new land of promise and freedom now open for settlement to returned soldiers and sailors FREE; to others, 18 years and over, 59 cents per acre. Thousands of farmers have responded to the call of this fertile country, and are being made comfortable and rich. Here, right at the door of Old Ontario, a home awaits you. For full particulars as to terms, regulations, and settlers' rates, write

H. A. MACDONELL,
Director of Colonization,
PARLIAMENT BUILDINGS, TORONTO.

BENIAH BOWMAN,
Minister of Lands, Forests and Mines,
PARLIAMENT BUILDINGS, TORONTO.

LARKIN FARMS, QUEENSTON, ONT.

ABERDEEN-ANGUS CATTLE, SHROPSHIRE and SOUTHDOWN SHEEP
CORRESPONDENCE AND INSPECTION INVITED
(Mention Farmer's Advocate)

MARTINDALE GUERNSEYS

"THE QUALITY HERD OF THE QUALITY BREED"

A Guernsey sire on your farm will raise the standard of your herd in way of production—both milk and butter. The records of our breeding cows run as high as 17,104 lbs. of milk and 1,100 lbs. of butter for the year.

WE HAVE A FEW YOUNG BULLS. PRICES RIGHT.

McSloy Bros., Martindale Farms, St. Catharines, Ont.

20 Bulls—SPRUCE LAWN—100 Females—Clydesdales, Shorthorns, Yorkshires, Herd headed by Imported Golden Challenger 122384. A Rubyhill bred by Earl of Northbrook, by Ascott Challenger, bred by L. De. Rothchild. Special bargains in farmers' bulls. Cows and heifers in calf, yearling and heifer calves. Yorkshires either sex. T. W. McCamus, Cavan, C.P.R., Millbrook, G.T.R. and P. O. Ontario.

Newcastle Herd of Shorthorns and Tamworths for Sale—5 choice bul calves, 5 to 6 months old, several heifer calves, all sired by Primrose Duke 107542. A choice lot of Tamworths of both sex and various ages; young sow or two bred to farrow in Sept. or Oct., all from noted prize winners Long-Distance 'Phone. A. A. COLWILL, R.R. No. 2, Newcastle, Ont.

MAPLE HALL SHORTHORNS We have on hand at present, four young bulls ready for service (two reds, two roans), that are just the herd sire sort; they are all got by that great sire Flower King No. 90447, and from our Good Crimson Flower and Butterfly dams. Stations: Claremont, C.P.R., Greenburn C.N.R., Pickering G.T.R.

THE HAWTHORNE SHORTHORNS AND CLYDESDALES Herd headed by "Gainford Select" = 90772 = by "Gainford Marquis" (imp.). Heifers and cows in calf to him, and six bulls, mostly by our former sire "Royal Choice." Clydesdale mares and fillies, imported and Canadian-bred. Leicester sheep. Prices moderate.

ALLAN B. MANN, Peterboro, R. R. 4, Ont.; The Hawthornes, C.P.R. and G.T.R.

Shorthorns and Clydesdales—College Duke 4th in service. Three near-est dams and sire's dam have milk records averaging over 9,000 pounds. Six bulls of serviceable age; also a few females. One extra choice yearling stallion by Imp. Dunure Beaulieu.

Write STEWART M. GRAHAM, Lindsay, Ont.

ROBERT, MILLER, Stouffville, Ont. Has EIGHT of the best young bulls that he fully bred. Also several cows and heifers, some of them with calves at foot, others in calf to Rose-mar's Sultan, the Grand Champion bull at head of the herd. Everything of Scotch breeding. The prices are very reasonable, and though the freight is high, it will be paid.

SHORTHORNS SHROPSHIRE COTSWOLDS
Blairgowrie Stock Farm
Cows in calf and calf by side. Also heifers in calf and others ready to breed. Bulls of serviceable age. **JNO. MILLER** (Myrtle Stations, C.P.R., G.T.R.) **ASHBURN, ONTARIO**

Irvin Scotch Shorthorns—Herd Sire Marquis Supreme—by Gainford Marquis (imp.) We have at present three young bulls of serviceable age and one younger, all sired by our herd sire and from Scotch bred dams. Good individuals and the best of pedigrees. Also pricing a few females.

J. WATT & SON, ELORA, ONT.

SCOTCH BRED SHORTHORN FEMALES

I have a number of nicely-bred Scotch heifers (reds and roans), in nice condition, and a number are safely bred. These are priced to sell. I also have a couple of ten-month bulls, thick, sappy youngsters. —just the herd sire sort. Inquiry invited.

George Ferguson, Elora, Ontario.

SHORTHORNS AT A SACRIFICE

3 bulls 16 to 25 months, must be sold. Shropshire ram lambs and one shearling. Prices reasonable.

Wm. D. Dyer, Columbus, Ont., Brooklin G. T. R., Myrtle, C. P. R.

1854 Maple Lodge Stock Farm Shorthorn 1919
Cattle and Leicester Sheep "Hean Dorothy Star" (imp.) at head of herd—
1 red bull calf, dam and grandam R. O. P. cows, 13 months and two roan calves younger. For sale now. Lucan Crossing 1 mile east of farm. Miss Charlotte Smith, Clandeboye, R. R. 1, Ont.

Walnut Grove Scotch Shorthorns

We are offering choice young males and females from the best Scotch families and sired by Gainford Eclipse and Trout Creek Wonder. If wanting something real good, write, or come and see us.

DUNCAN BROWN & SONS, Shedden, Ont., P. M. M. C. R.