

Bone Spavin

Know it by the lump and the limp—a hard, bony growth on the inner side of the hock joint, usually low down and a little forward of the center of the leg—a quick hitch with the sound leg, and a stiff movement of the lame leg, bearing the weight on the toe, most noticeable in starting.

New cases, old and bad cases, the very worst cases, cases where firing has failed, are cured by

Fleming's Spavin and Ringbone Paste

Guaranteed to cure the lameness for good—may or may not take off the lump. Easily used by anybody, and a single 45-minute application usually does the work—occasionally two required. Write for Free Horse Book before ordering. It gives all the particulars, and tells you what to do for other kinds of blemishes.

FLEMING BROS., Chemists,
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DEHORNING STOPS LOSS.

Cattle with horns are dangerous and a constant menace to persons and other cattle. Dehorn them quickly and with slight pain with a

KEYSTONE DEHORNER

all over in 5 minutes. Not a harsh method. Leaves a clean, clean cut. Cows give more milk; steers make better beef. Send for free booklet.

L. J. McKeena, Fictus, Ontario, Can.

HIGHGROVE JERSEY HERD.

Our present offering is a few choice heifer calves from 2 to 8 months old, which, considering quality, will be sold reasonable.

ROBT. TUFTS & SON, Tweed P.O. & Sta.

Brampton Jersey herd—We have now for immediate sale 10 bulls, from 6 to 18 months old, descended from St. Lambert or imported stock; also females of all ages. In order to reduce our stock, we are making a special offer. For full particulars, address,

B. H. BULL & SON,
Phone 68, Brampton, Ont.

An extra nice **Jersey Bull**, fit for yearling, vice. Also two bull calves. Prices reasonable.

F. S. WETHERALL, - Rushton Farm, Cookshire, Que.

AYRSHIRES

The famous Reford Herd at St. Anne de Bellevue, Que., now owned by Sir William C. Macdonald.

Several yearling bulls for sale; also a number of bull calves. Quality and appearance extra good, bred from the best milking strains, noted for robust constitution and large teats.

For particulars apply to

MACDONALD COLLEGE
St. Anne de Bellevue, Quebec.

AYRSHIRES AND YORKSHIRES

Young bulls, 2 Aug. 1904, sired by Prince of Barcheskie (imp. in dam); 1 March calf, sired by Royal Star (imp.). Heifer calves, 3-yr.-old heifers and young cows. Young sows ready to mate. Pigs ready to ship. Prices right. Correspondence solicited.

ALEX. HUME & CO., Menie, Ont.

Ayrshire Bulls

For Sale 12 Ayrshire bulls one to two years old. Bred from deep milking stock, both by sire and dam. Price reasonable. Correspondence and inspection solicited.

W. Owens, Monte Ballo, Que.
Riverside Farm,

THREE PRIZEWINNING AYRSHIRE BULLS FOR SALE

One 5-year-old bull, 3rd-prize winner at Central Canada Exposition; one 2-year-old bull, 1st-prize winner at Central Canada Exposition, and one bull calf, 12 months old, 3rd-prize winner at Central Canada Exposition. These bulls are fit to head any herd in Canada. Terms reasonable. Write

A. KENNEDY & SON, Hillview Stock Farm,
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SHANNON BANK STOCK FARM FOR AYRSHIRES AND YORKSHIRES

Young stock of both sexes for sale from imported stock.

W. H. TRAN, - Cedar Grove, Ont.

AYRSHIRES FROM A PRIZE-WINNING HERD

Have some nice bull and heifer calves for sale at reasonable prices. For particulars, etc., write to

W. H. STEWART & SON,
Campbellford Stn. o Menie P.O., Ont.

SPRINGBROOK AYRSHIRES.

Averaged nearly 7000 lbs. of milk last year, testing 3.9% butter-fat. 1 yearling bull; 1 bull calf six months, also females for sale.

W. F. STEPHEN,
P.O. Box 101, o Huntingdon, Que.

QUESTIONS AND ANSWERS. Miscellaneous.

LONDON HACKNEY SHOW. Can you give the date of the London Hackney Show? J. F. Ans.—March 6 to 9.

RINGWORM. I have a yearling heifer that has a great deal of ringworm on its head and legs. What is the best remedy? F. B. Ans.—Wash well with warm water and soap to soften scale, wipe dry, and rub well with a mixture of lard and sulphur, which latter repeat in two or three days.

HOLIDAYS. What are the recognized holidays for hired men? Ans.—Sundays, New Year's Day, Good Friday, Easter Monday, Victoria Day, Dominion Day, Labor Day, Thanksgiving Day and Christmas, and any day proclaimed by the Governor-General or Lieutenant-Governor as a public holiday. When one of the above, other than a Sunday, falls on the Sabbath, the man is entitled to the day after.

IN-AND-INBREEDING. I have read in recent issues of your journal that Messrs. Bates and Colling used their bulls with their own offspring for the improvement of their herds. Would you advise this rule to be carried out among all herds? A SUBSCRIBER.

Ans.—No. The early improvers of the breeds considered it necessary to practice such close in-and-inbreeding in order to impart prepotency in the sires they used for the purpose of refining the breed and fixing a desirable type. It would be unsafe for the ordinary breeder to practice such a system of breeding, as experience has proven that generally it tends to loss of size, delicacy of constitution and general deterioration.

OATS TO SOW WITH BARLEY—LAND FOR FLAX.

1. What is best kind of oats (black or white) to sow with barley? Where can I obtain them, and what will they cost per bushel? 2. Would last year's potato land manured heavily this winter be a good place for flax?

Ans.—1. Prof. Zavitz, Experimentalist, O. A. C., Guelph, recommends the Daubenay white oat, an early-ripening variety, as very suitable for sowing with barley. Many farmers in Middlesex Co., who devote a considerable acreage to mixed grain, use Banner oat, claiming that, though the barley may be over-ripe before the crop is fit to cut, yet there is scarcely any waste of grain, and the yield is larger than if an earlier, smaller-yielding variety were used. For prices, etc., consult our advertisers. 2. If land was well manured before potato crop we think that more manure would not be necessary. Fresh manure is not quite so suitable for flax as that which is well rotted, according to American authorities, though either would induce a rank growth.

SIZE OF SILO.

How large a silo would be necessary to feed twenty head of cattle for eight months? What would be considered a good feed? When should corn be planted? How many acres would it take on an average to fill silo to feed twenty head for eight months? Simcoe Co., Ont. F. A. B.

Ans.—Silage should never form the total roughage ration; 40 lbs. per head a day is a good allowance; 30 lbs. is moderate for mature cattle. At this latter rate, 20 head would consume 72 tons of silage in eight months. On an average, 50 cubic feet of silage is supposed to weigh a ton, though the specific gravity depends considerably on the maturity of the corn, proportion of stalks and ears to leaves, height of silo, etc. Approximately speaking, a round silo, 14 feet in diameter and 24 feet high, or one 12 feet in diameter and 30 feet high, would hold the required 72 tons. Corn for the silo should usually be planted the latter half of May, when the ground has been fairly well warmed up so the corn may germinate and go right ahead without check. Twelve to 15 tons of ensilage corn per acre is a very ordinary yield. Five to 6 acres should grow enough corn to fill the silo, and, perhaps, leave some to shock.

Veterinary.

CRIPPLED PIGS.

1. Pigs rest one hind leg and then the other; some are crippled. 2. What will prevent pigs, fed on shorts, becoming dry in the hair? I. L. H.

Ans.—1. This is due to too high feeding and want of exercise. Purge each with 4 to 8 ounces Epsom salts, according to size, and follow up with 5 to 10 grains nux vomica twice daily. See that they get regular exercise, and feed lightly on milk, bran and raw roots until they recover, then gradually increase the food. 2. Lessen the amount of shorts, and substitute bran and milk, and give raw roots.

MECHANICAL BRONCHITIS.

Three-year-old filly took sick. I gave her a quart of oil on Saturday night. She did not seem to have much pain, but breathed very hard, heaved at the flank, and nostrils greatly dilated. I sent for my veterinarian, and he gave her quinine and milk and eggs. Her pulse was weak, and she died on Tuesday. I opened her, and found the neck of the stomach full of bots. Did the bots kill her? Was milk and eggs good for her? J. B.

Ans.—The bots did not kill her. Bots do not cause sickness, except when they let go of the stomach in large numbers and plug the opening from the stomach to the intestine, in which case the symptoms caused are those of obstruction in the bowels, entirely different from those your filly showed. She died from mechanical bronchitis, which was caused by some of the oil passing down the wind-pipe to the bronchial tubes. Your veterinarian did all that could have been done for her. Milk and eggs make an excellent nutrient in such cases. V.

CALF WITH COUGH, ETC.

1. Calf that did not do well for a while after being taken from the cow is doing well now, but has a cough. 2. Pigs, three months old, have rough hair and dirty skin, and are not doing very well. 3. What is a good digestive tonic for a pig? W. J. R.

Ans.—1. The cough indicates tuberculosis, and all that I can suggest is that you get it tested with tuberculin by your veterinarian. If it reacts, "destroy it, and if it does not react, you need not worry about it. A cough that is not accompanied by any other constitutional disturbance is not serious, unless tubercular. 2. Give them a thorough washing with strong, hot soft soap suds, applied with a scrubbing brush. Then apply, twice weekly, a mixture of 10 quarts sweet oil to 1 part carbolic acid. 3. Equal parts sulphur, Epsom salts and powdered charcoal. Dose: a tabl spoonful once daily in feed for a pig weighing from 100 to 150 lbs. V.

HERNIA, ETC.

1. Mare has small rupture on right side. The opening is about half the size of the point of a man's finger, and the tumor about 1 1/2 inches across, and projects about an inch. Do you think it will disappear? Would it be dangerous to breed her? 2. What is understood by "stamina" in a horse? How can a person recognize its presence by looking at a horse? 3. What is the difference between "mustang," "broncho," and "cayuse"? J. R.

Ans.—1. It is not probable the hernia will disappear spontaneously. It might be successfully operated on by a veterinarian, but is not likely to injure her, and probable it would be better to leave it alone. In case you bred her, and she had difficulty in parturition, there would be danger of the rupture becoming larger from excessive contraction of the abdominal muscles. Hence, there is greater danger than in sound mares. 2. By "stamina" we mean endurance—ability to stand violent exercise, exertion, etc. In order to recognize its probable presence in an animal, a person must study form, and be able to recognize the conformation that indicates good constitution and staying powers. 3. As I understand it, a mustang is a wild horse of the prairies; a broncho is a cross between him and domesticated horses, and a cayuse is an Indian pony, practically a domesticated mustang. V.

DYSPEPSIA AND STOMACH DISORDERS MAY BE QUICKLY AND PERMANENTLY CURED BY BURDOCK BLOOD BITTERS.

Mr. P. A. Labelle, Maniwaki, Que., writes us as follows: "I desire to thank you for your wonderful cure, Burdock Blood Bitters. Three years ago I had a very severe attack of Dyspepsia. I tried five of the best doctors I could find but they could do me no good. I was advised by a friend to try Burdock Blood Bitters and to my great surprise, after taking two bottles, I was so perfectly cured that I have not had a sign of Dyspepsia since. I cannot praise it too highly to all sufferers. In my experience it is the best I ever used. Nothing for me like B.B.B. Don't accept a substitute for Burdock Blood Bitters. There is nothing "just as good."

Meadowside Farm
Ayrshire Cattle, pigs, B. P. Books and B. Oringtons. Young stock for sale.
A. R. YULL, Prop., Carleton Place, Ont.

Maple Cliff Dairy and Stock Farm
Breeders of Clydesdale Horses, Ayrshire Cattle, Berkshire and Tamworth Pigs. Young stock for sale at all times.
R. REID & CO., Hintonburg, Ont.
Farm adjoins Central Experimental Farm.

AYRSHIRES—Choice stock of either sex, different ages, for sale. Prices reasonable. For particulars apply to
N. DYMONT, Hickory Hill Stock Farm, Dundas St. & Tel. o Clappison, Ont.

Hill and Centre View Holsteins

Herd numbers 95 head. Stock bulls are bred on high-producing lines. Our milkers are all in the Advanced Registry, with official records of from 15 to 22 lbs. For sale are 20 bulls from 4 to 16 months old, sired by our stock bulls, and all out of Advanced Registry dams. Females of all ages. Write quick if you want one. Guaranteed as represented.

P. D. EDE, Oxford Centre P.O. Woodstock Station.

WOODBINE HOLSTEINS

Herd headed by Sir Meethilde Posch, absolutely the best official-backed sire in Canada. Dam, Ianthe Jewel Meethilde, 25.8 pounds butter in seven days. Champion cow of Canada over all breeds. Sir's dam, Aaltje Posch 4th, holds the world's largest two-day public test record—8.6 pounds butter. Young bulls of the choicest quality for sale.

A. KENNEDY, Ayr, Ont.
Ayr, C.P.R.; Paris, G.T.R.

With Cheese at 12 1/2c and Butter at 25c. why not

Buy a Holstein Bull

and Improve Your Dairy Herd? I have them Right in Breeding, Right in Quality, Right in Price. Order early if you want one.

G. W. GLEMONS, ST. GEORGE, ONT.

SPRINGBROOK HOLSTEINS & TAMWORTHS

Two choice bulls, 11 and 12 months old, Toronto prizewinners, rich breeding; yearling Tamworth boar, 2nd prize at Toronto, good stock-getter; Tamworth sows, bred, and young pigs, pairs not akin. All high-class stock. Come and make your own choice. Prices right.

A. C. MAILMAN, Waterloo Co., Breslau, Ont.

QUEEN CITY HOLSTEINS

If you would like to purchase a young Holstein bull whose sire's dam has an official record of 550 pounds of milk and 25 pounds of butter in seven days, write to R. F. HICKS, Newton Brook P.O., York Co.

Holsteins at Ridgedale

A few choice bull and heifer calves on hand for sale, sired by Prince Pauline DeKol 6th. Ages up to ten months. Write for what you want, or come and see them. Shipping stations: Port Perry, G. T. R., and Myrtle, C. P. R., Ontario Co.

R. W. WALKER, Utica P.O., Ont.

HOLSTEINS AND CHESTER WHITES.

Our Holsteins are producers and prizewinners. Young bulls and a few choice heifers for sale, also some extra good young Chester White pigs, both sexes. D. G. GOODERHAM, Thornhill P.O. G. T. R. and street cars.

MAPLE GLEN STOCK FARM

Can now offer one young bull, born last spring, and four bull calves, born in Aug., Sept. and Oct., from select cows, and sired by the great imp. bull, Sir Alta Posch Beets. Any female in the herd can be secured at their value.

G. J. Gilroy & Son, Glen Sueli, Ont.

"GLENAUCHY" HOLSTEINS

We have for immediate sale several young bulls, and a number of young females, that for ideal type and superior quality, backed up by gifted breeding, are unsurpassed.

G. MACINTYRE, Renfrew P.O. and Sta.

IMPERIAL STOCK FARM HOLSTEINS

A prizewinning herd of imported, officially tested stock. Bulls of all ages for sale, also a few cows. W. H. SIMMONS, New Durham, Ontario. o