

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 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, 45 Church Street, Toronto, Ontario.

Don Jersey Herd

Our Jerseys rank second to none in Canada. Now offering choice bull calves, bred from prize-winning stock. The best is none too good for you.

D. DUNCAN, Don, Ont.
Near Toronto.

Brampton Jersey Herd For sale: 10 bulls, from 6 to 18 mths. old, descended from St. Lambert or imported stock; also females of all ages. For full particulars address: **B. H. BULL, & SON, Brampton, Ont.** Phone 68.

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.

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 tests.

For particulars apply to

MAGDONALD COLLEGE
St. Anne de Bellevue, Quebec.

Hillview Herd of Prizewinning **AYRSHIRE CATTLE.**

All animals bred and carefully selected for size, constitution, long tests and deep-milking qualities. Select animals of both sexes for sale at reasonable prices. For further information and prices write

A. KENNEDY & SON, Hillview Stock Farm, Vernon, Ont. Winchester Station, C. P. R.

SHANNON BANK STOCK FARM FOR AYRSHIRES AND YORKSHIRES

Young stock of both sexes for sale from imported stock.

W. H. TRAN, Cedar Grove, Ont.

SPRINGBROOK AYRSHIRES. Gave over 7,000 lbs. of milk, testing 3.9 per cent. butter-fat, during 1905. For sale: One bull 4 years old, Comrade's Fancy of Glenora 15790; bull calves of this year; also females of all ages.

W. F. STEPHEN, Huntingdon, Que. P.O. Box 163.

AYRSHIRES FROM A PRIZEWINNING HERD Have some nice bull and heifer calves for sale at reasonable prices. For particulars, etc., write to **WM. STEWART & SON, Campbellford Stn. Montic P.O., Ont.**

Stockwood Ayrshires for Sale. Have some nice yearling heifers, also a few two-year-olds due to freshen in Nov. and Dec. Write or call and see them.

D. M. WATT, St. Louis Station, Que.

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

Ayrshires and Yorkshires We always have on hand choice animals of above breeds, of any desired age. Prices reasonable. Write us before buying. Intending purchasers met at Hoard's. **Alex. Hume & Co., Montic P. O.**

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.

Springbrook Holsteins & Tamworths Will exhibit Holsteins at Toronto. Come and see my stock, and compare quality and prices. Some choice young bulls to offer. A number of Tamworth boars and sows of all ages for sale.

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

Corns in Horses: Their Cause and Care.

Corn in a horse's foot is a sore spot at the point of the heels, between the outside wall and the bar. The presence of a corn is indicated by a red spot; the character of the corn may be judged by the size of the discolored part and the amount of color that appears; the appearance of the red or discolored tissue will indicate the presence of soreness, which will be found to be located, in the majority of cases, around the corner's of the coffin bone. There are three kinds of corns in horses' feet; the most common is to be found in the straight and narrow heeled foot, and is caused by contraction. Second, another kind is to be found in the low-heeled, flat foot, and is caused by being bruised at the ground surface. The third kind to be found quite often is a bruised heel, usually the inside, and is caused by the horse bumping the heel of the front foot with the toe of the hind foot when in motion at a medium rate of speed. Corns sometimes appear in the hind feet, but are not common.

We will take up and consider the cause and remedy of corns, in order named above.

First.—The corns in the straight and narrow heel are almost always caused by contraction of the foot; the contraction is the direct result of a lack of moisture enough to supply the foot with its absolute needs. Contraction never will occur where there is moisture enough supplied to the foot. This may be done in several ways: either by standing the horse in wet clay, or by packing the bottom of the feet with wet clay, or by putting wet swabs around the feet at night, by packing the feet with oil-meal.

But what I consider a better method when corns have appeared, is to cut out the corn down as far as can be done without cutting into the sensitive laminae, and burn in some dark brown sugar. This is done by forming a pocket with soft clay, placed around the corn in such a way as to leave only the dressed parts exposed to the action of the sugar, place the sugar in the pocket and hold a hot iron over it.

This treatment may be applied as often as required, but usually three or four applications will remove the appearance of the corn. In addition to the use of the sugar, the foot should be kept soft, and the heels opened out to their normal width. The best and most effective way to accomplish this is with the use of springs made in the form of a V, with the points of the spring turned outward and placed with the round end of the spring under the share at the toe, and the points caught in the points of the heel as deep down as is possible to get them. Pressure to the extent of from ten to thirty pounds may be used with good results, and if properly done, immediate relief will be had.

Corns caused by contraction are to be found in both trotters and road horses. If horses that are used for road purposes were shod the year round with rubber pads, and their feet packed with sponges, the cause of contraction would be reduced to a very small per cent. of the number at present, and there is a great improvement in this direction over the conditions of a few years ago, before the use of pads of various kinds came into so general use.

The use of leather pads under the shoe and packed with sponges or oakum, sponges preferred, is a great boon to either the road horse or the trotter.

I consider the pad and the spring as a necessity. There is absolutely nothing that can take the place of these two modern methods when used for the purposes named.

In the case of chronic corns, I have had good results by removing the wall around the entire heel, together with the diseased parts, as far up as these parts extend, and then poultice thoroughly. After the foot has grown down sufficiently, the spring should be applied.

This method, if in the case of a trotter, can be best done in the winter, because the use of the horse is not interfered with.

The second kind of corns, caused by bruises in low-heeled feet, is usually brought about by the use of too short shoes, or by cutting the shell or wall too low at the heel, thus exposing the sensitive part to the direct pressure of the shoe. A prompt and effective

remedy may be had by the use of sugar as above, and the application of a bar shoe with a leather pad well-packed with oakum or sponges. This method may be used as well in the case of a work horse as that of a road horse or trotter.

The third kind mentioned is, I believe, the most difficult to handle, for the reason that the cause is much harder to remove. This is a bruised heel, and, although it is called a corn, it is not, because it is not caused by friction from a lateral pressure, but the tissue at the point of the heel is just pounded until the parts are nothing but a big bruise, and by the continual pounding they become very sore, and are the cause of many a horse going lame on the road, and of many a trotter acting bad. The pounding is done while at the jog, usually a slow road gait.

More horses are addicted to this habit than is generally supposed. When it is found that a horse is pounding himself in this way, care should be taken to drive him at a rate of speed either slower or faster, so that he will not reach far enough or will go clear. Quarter boots should always be worn on a horse of this kind.

I have a good many cases of this kind, the most prominent of which was that wonderful "old demon" of the stretch, Clingstone, and the one-time winner of the Kentucky futurity, Beuzetta. These two horses bruised heels so bad that I removed the entire inside quarter as high as the coronet, and cut away all bruised tissue, and the soreness was taken out by polticing, and the new growth was sound and good. I have had a case of this character during the past winter, which I treated in this manner with good results.

Permanent cure or relief cannot be had without removing the cause. A sound foot cannot be maintained if the pounding is allowed to go on. Corns in the hind feet are not common. The causes and remedy may be the same as in the case of corns or bruises in the front feet, except in cases of corns caused by the scalper being drawn around the foot tight enough to draw the foot together, enough to cause the sensitive tissue to be ruptured around the corners of the coffin bone.

In many cases a bar shoe that would place a pressure upon the frog would be of good service.

Care should be taken not to draw the scalper too tight. Springs would counteract the effect of the scalper.

Corns sometimes appear without the any apparent cause, but the remedies will, in nearly all cases, be the same.—J. P. Adams, in Horseshoers' Journal.

AMMONIA FROM MANURE.

Experiments by H. Bijorn-Andersen demonstrated that by adding superphosphate four per cent. of the weight of the liquid manure, the loss of ammonia was entirely prevented. The liquid excrement of a thousand-pound cow amounts to about 20 pounds daily, hence if we use about one pound of superphosphate for every animal daily, and otherwise manage correctly, we may save practically all the manure. As much as 76 per cent. of the nitrogen of the liquid manure may be volatilized and lost. The value of the nitrogen in 20 pounds of liquid voidings is 3½c., and 76 per cent. of this is 2½c. The cost of the superphosphate to save this would be just half a cent, and the net gain on the investment would be 225 per cent., placing no value whatever on the phosphorus in the superphosphate.

The young bulls offered for sale by Mr. Wm. Smith, of Columbus, Ont., are an up-to-date lot, low-down, thick, mellow fellows, all sired by the Marr Beauty bull, Imp. Ben Lomond 45160, a son of the great Count St. Clair, and out of Beauty 13th, by Lord Marshall, grandam by Gravesend. Imp. Ben Lomond is a grand bull, and a grand sire, and these youngsters, of which there are six, from seven to thirteen months of age, are worthy sons. They are all out of Wedding Gift dams, one of the best Scotch strains in existence. They will be sold worth the money, as will also a number of heifers of all ages. Mr. Smith has lately sold to Mr. John Crawford, of Rosseau, Ont., a nine-months-old red bull calf, bred the same as the others, that should do a deal of good for Mr. Crawford, as his individuality is gilt-edged.

Cows from the ANNANDALE HOLSTEIN HERD

Have won during the past show season at Ottawa first and sweepstakes on cow, first on 3-year-old, first on 2-year-old class. At Guelph (dairy test) first and sweepstakes on cow, first and second in heifers. At Chicago (National) first and sweepstakes on cow, also second-prize cow, second and third on 2-year-olds, second on 1-year-old heifers, and a host of other prizes (different cows at different shows).

Bull calves, 4 months and under only, for sale from great dams and greatest of sires. Buy young if you want them from Annandale Stock Farm.

GEO. RICE, Tillsonburg, Ont. HOLSTEINS FOR SALE



Four imported and one home-bred bull from 8 to 12 months old; also our entire crop of spring-bull calves, from week old up, sired by the grandly-bred imp. bull, Sir Howie B. Pieterje, whose dam record is over 89 lbs. milk in one day, and from great-producing cows of the most fashionable strains. Can spare a few cows and heifers, from one year up; 75 head to select from. Cheese 13c. Don't delay if you want one from this herd.

H. E. GEORGE, Crampton, Ont.

WOODBINE HOLSTEINS Herd headed by Sir Mechtildie Posch, absolutely the best official-backed sire in Canada. Dam Ianthe Jewel Mechtildie, 85½ pounds butter in seven days. Champion cow of Canada over all breeds. Sire's dam, Aaltje Posch 4th, holds the world's largest two-day public test record—8.8 pounds butter. Young bulls of the choicest quality for sale.

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

A FEW HOLSTEIN BULLS

fit for service, for sale at reasonable prices. Choice females, all ages. If you are willing to pay good prices for good stuff, write me.

G. W. CLEMONS, St. George, Ont.

Lyndale Holsteins. For Sale A number of bull calves from one to four months old, out of Record of Merit cows, and sired by Beryl Wayne Paul Concordia, whose four nearest dams have official butter records averaging 23 lbs. 11 ozs. each.

BROWN BROS., LYN, ONT.

Centre and Hill View Holsteins We have four yearling bulls left which we will sell at reduced price to quick buyers; from good producing strain; our own raising. Sold out of females at present **P. D. EDE, Oxford Centre P. O., Woodstock Station, C. P. R. and G. T. R.**

MAPLE GROVE HOLSTEIN-FRIESIANS For Sale: Three bull calves, sired by Lord Wayne Mechtildie Calamity, and all out of Advanced Registry cows.

WALBURN RIVERS, Folden's Corners.

MAPLE PARK HOLSTEINS Home of the great De Kol Pieterje and Posch families. Schulling Sir Posch, son of Anie Schulling, testing over 4% butter-fat officially, and grandson of Althe Posch, stock bull.

S. MACKLIN, PROP., STREETSVILLE.

Greenwood Holsteins and Yorkshires For Sale. A few richly-bred bulls from one to eighteen months old. Also a few choice females of all ages, Yorkshires of either sex.

D. Jones, Jr., Caledonia 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.**

"GLENARCHY" 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 gilt-edged breeding, are unsurpassed.

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

Maple Glen Holsteins—Three sons of Sir Howie grandam holds world's largest official record for her age, and granddams has over 60 tested A. R. O. daughters, the most by any bull on record. Brother of Angie Cornucopia. Secure the best. **C. J. GILROY & SON, Glen Buell, Ont.**

Grove Hill Holsteins—Herd contains 55 head, in the advanced registry, a number of which are all been backed up by high records. Present offering: Several young bulls and a few females.

F. R. MALLORY, Frankford P. O. and Sta., C. O. R.

QUEEN CITY HOLSTEINS If you would like to purchase a young Holstein bull whose sire has an official record of 50 pounds of milk and 7½ pounds of butter in seven days, write to **R. F. HICKS, Newton Brook P. O., York Co.**

Holsteins at Edgemoor. A few choice bull and cow calves, bred from a grand sire, sired months. Write for particulars. Ages up to ten see the following stations: Port Perry, G. T. R. Station, P. R. Ontario Co. **P. W. WALKER, Utica P. O., Ont.**