

Good For Man And Beast

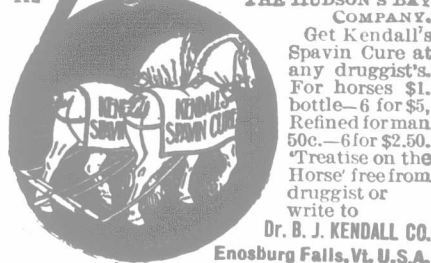
Kendall's Spavin Cure has now been refined for human use. Its penetrating power quickly relieves swellings, sprains, bruises, and all forms of lameness. It is just what you need around the house. Write for many letters from users to prove its effectiveness.

T. J. Smith, Spencedale, Ont., says—
"Have used Kendall's for many years in my stable and house and it never has failed us yet."

Kendall's Spavin Cure

For Horses—And Refined for Man.

112



—has been used by horse-men, veterinarians, and farmers for over 35 years. Its worth has been proved, for spavin, splint, curb, ring-bone and the many other hurts that come to horses.

ONION LAKE, Sask., April 22nd, 1915.

"Kendall's Spavin Cure is about the best all-round liniment for both man and beast that I know."

THE HUDSON'S BAY COMPANY.

Get Kendall's Spavin Cure at any druggist's. For horses \$1. bottle—6 for \$5. Refined for man 50¢—6 for \$2.50. 'Treatise on the Horse' free from druggist or write to Dr. B. J. KENDALL CO. Enosburg Falls, Vt. U.S.A.

SELDOM SEE

a big knee like this, but your horse may have a bunch or bruise on his Ankle, Hock, Stifle, Knee or Throat.

ABSORBINE

TRADE MARK REG. U.S. PAT. OFF.

will clean it off without laying the horse up. No blister, no hair gone. Concentrated—only a few drops required at an application. \$2 per bottle delivered. Describe your case for special instructions and Book \$ K free. ABSORBINE, JR., antiseptic salve for mankind. Reduces Painful Swellings, Enlarged Glands, Goitre, Wens, Bruises, Varicose Veins, Varicocitis, Old Sores, Allays Pain. Price \$1 and \$2 a bottle at druggists or delivered. Manufactured only by W. F. YOUNG, P.D.F. 258 Lyman's Bldg., Montreal, Can.

FOR SALE OR EXCHANGE

SHORTHORN BULL

Royal Warrant Imp. = 86056 = (113205)

Rosebud-bred son of the great Newton Crystal. Photo and extended pedigree sent.

H. M. VANDERLIP
Elmhurst Stock Farm Route 1
Brantford, Ontario

GLENFOYLE SHORTHORNS

7 bulls, big, straight, smooth, fleshy fellows, some from cows milking 40 to 60 lbs. a day. Also a few out-standing heifers that are bred. Three young cows. Prices right. Bell phone.

Stewart M. Graham, Lindsay, Ont.

Northlynd R.O.P. Shorthorns and Jerseys—Butterfly King 19th heads our Shorthorn herd. Edgeley Prince Sunbeam heads our Jersey herd. For sale: A few young heifers and bulls, the get of these great bulls, out of high-record cows. G. A. Jackson, Downsview, Ont.

Shorthorn Bulls for sale, by Mina Boy 18th, sire of first-prize calf at Guelph. Also one imp. Clydesdale stallion. GEO. B. ARMSTRONG, Teeswater, Ontario
Mildmay, G. T. R. Teeswater, C. P. R.

DUAL-PURPOSE SHORTHORNS
Plaster Hill Herd—Five young bulls, seven to fifteen months old. A number of cows in our herd with high records. Visitors always welcome. F. Martindale & Son, Caledonia, Ont.

MARDELLA SHORTHORNS
Bulls, cows, heifers. Have size, quality; breeding dual-purpose cattle over 40 years. Have great milkers and beefers. Glad to have you see them, or write—Thomas Graham, Port Perry, R.R. No. 3

Questions and Answers.

Miscellaneous.

Lice on Hogs.

We are troubled with a few lice on our hogs. Give a remedy for them, and a disinfectant for hog pens. S. J.

Ans.—Any of the advertised sheep dips are effective. Coal oil is also a sure remedy, but there is danger of it slightly blistering the skin. Lard can be mixed with linseed oil and applied with a rag. Some use ordinary machine oil, while others steep tobacco and apply the liquid to the hogs. Clean the walls and apply a coat of whitewash to which has been added a little carbolic acid. Coal-tar disinfectants advertised in these columns may be applied as they prove effective in destroying vermin.

Ventilation—Wintering Bees.

1. I have some clover-seed chaff. Is it advisable to feed this mixed with other chaff or cut straw?

2. How many openings, and of what size, are required to ventilate a stable 70 feet by 45 feet and 8 feet high? I expect to put on three ventilators. What size should they be?

3. When wintering bees indoors, what is the lowest temperature they can be kept at? J. K.

Ans.—1. Many feed the clover-seed chaff by itself, but we would prefer mixing it with other chaff or cut straw.

2. It is customary to figure out the size of ventilators so as to allow a certain amount of air for each animal in the stables. There are two systems of ventilation, known as the Rutherford and the King system. The total cross section of the area of the intake should allow at least 15 square inches per head of cattle or horses, that is, there should be about one square foot of intake for each ten head. The outlet should be double the capacity of the intake. The intake openings should be so distributed as to permit of the air entering from as many sides as possible, and no opening should be less than four inches wide and ten inches long. The fresh air may enter through openings about two feet from the floor. To prevent a direct draft on the stock, board or tin should be placed over the openings in such a way as to shoot the fresh air upwards. In exceptionally cold weather the intake of fresh air may be closed by covering the opening with a bag. The outlets should never be less than eighteen inches across, and should be built of two-ply lumber with an air space in order to make them air-tight and to lessen the danger of the air condensing in them. They should be on the same principle as a chimney. If the warm vapor commences to condense their action ceases more or less. Some recommend that the outlet commence at the ceiling, but the coldest air is at the floor, and also the cattle breathe the impurities directly downward, and, as carbon-dioxide is heavier than air, it tends to remain near the floor. Consequently, if the outlet commences at the floor there is greater likelihood of these impurities being removed. However, an opening should be provided at the ceiling in order to allow the escape of warm air should the stable become overheated. The size of the intake and outlet depends more on the amount of stock kept in the stable than on the size of the stable. From the figures previously given the size of intake and outlet for the stable mentioned, can be figured out according to the number of horses or cattle in the stable.

3. About 48 degrees is considered to be the best temperature for wintering bees indoors. The temperature should be reduced to about 42 degrees when the faeces commence to accumulate.

Bee-Keepers' Short Course.

After the annual convention of the Ontario Bee-keepers' Association, held last December, the next event of interest to bee-keepers is the Short Course in Bee-keeping at the Ontario Agricultural College, Guelph. The need of more practical work at a winter course has necessitated adding another week to it, and the course will start January 9 and conclude on the 27th. A very attractive program has been arranged and is, at the time of writing, in the hands of the printer. People wishing a copy should write Morley Pettit, Provincial Apiarist, O. A. College, Guelph, Ontario.

Life Insurance A Privilege



WE are fortunate, living as we do in the age of the telephone, the wireless, the steam railway and, above all, in the age of life insurance.

Life insurance is a comparatively modern invention, and has not been known for more than a few generations.

In the old days, if a man lost his life prematurely, his widow and children were in most cases left destitute: the only remedy thought of was the poor-house.

By means of life insurance the modern man can make provision for the maintenance of his family in the event of his death.

The Mutual Life of Canada will pay the beneficiary a fixed income if desired and this will continue at least twenty years, payments monthly or yearly.

Is this not a vast improvement on a system which entailed a life of labor, dependence or of charity?

Life insurance is a great privilege, and fortunate is the man who is in good health so that he can secure its protection for those whom he loves.

Life, Limited Life and Endowment Policies.

The Mutual Life Assurance Company of Canada Waterloo, Ontario

Robert Miller Pays the Freight.—I have now ready for sale, some extra choice young bulls of gilt-edged breeding, some young bulls bred from the best milking Shorthorns known to me, and of good form as well. I have some young cows and a lot of heifers, all that are old enough are in calf to great sires, amongst them some of the best in both breeding and form that I have ever had.

I have several cows that have made wonderful records, others are in the making; will spare a few of them if desired; two cows in the lot are making records of over 13,000 lbs. milk that is rich in butter-fat. These cows are well-bred and they are the ideal dual-purpose type. The bulls are bred from them and their sisters.

Write for what you want and you will get an immediate reply with full particulars. Stouffville Post Office, Telephone, Telegraph and Station. I live near station. Robert Miller, Stouffville, Ont.

SHORTHORN BULLS—SHORTHORN FEMALES

A HERD THAT YOU WILL LIKE

You will like our females; you will like the breeding and you will like the sires that have been used on these in the past year. Right Sort (Imp.), Bandsman (Imp.), Newton Friar (Imp.), Lytton Selection, Escana Champion—all these bulls have been used in the past year. We can show you some young bulls by these sires that are show calves. Come and see them or let us send you particulars. We can also spare some females bred to them; heifers, four and six-year-old cows, as well as cows with calves at foot.

WM. GHENT & SONS, FREEMAN P.O., ONT. Farm 300 yds. from Burlington Jct., G.T.R.

GLENGOW SHORTHORNS AND COTSWOLDS
Pure Scotch in breeding, we have an exceptionally choice lot of bulls for this season's trade, ranging in age from 8 to 15 months, big mellow fellows and bred in the purple. Also ram and ewe lambs of first quality.
Wm. Smith & Son, Columbus, Ont. Myrtle, C.P.R., Brooklin, G.T.R., Oshawa, C.N.R.

Oakland Shorthorns

John Elder & Sons, Hensall, Ontario

51 to select from. 20 breeding cows and as many choice heifers, many of them bred, also a lot of choice young bulls, all of the dual-purpose strain. All sired by choice bulls and registered and offered at prices to live and let live.

MEADOW LAWN SHORTHORNS

We are offering a splendid lot of young bulls from 10 to 18 months old, of the low-set, thick, fleshy type from good milking dams. You are invited to inspect this offering.
Elora, R. R. No. 1, F. W. EWING

Creekside Farm Shorthorns We have for sale at present, a number of young things by our former herd sire, Clan Alpine, (the Claret bred bull by Proud Monarch). We like them, so will you. If it's young bulls, or a few females you need, we would welcome a visit from you. Write or phone, visitors met by appointment
Geo. Ferguson, Elora Sta. C.P.R., G.T.R., Salem, Ontario

WILLOWBANK STOCK FARM SHORTHORN HERD

Established 1855. This large and old established herd has at the head the two great bulls: Imported Roan Chief—60865—, a butterfly, and the prizewinning bull, Browndale—80112—, a Mina. An extra good lot of young stock to offer of either sex. Splendid condition. Good families of both milking strain and beef.
JAMES DOUGLAS CALEDONIA, ONT.

Choice Breeding High Quality

We are offering this fall the choicest lot of young herd headers we ever bred, several are of serviceable age, high in quality, rich in breeding. Also a number of heifers.
GEO. GIER & SON, WALDEMAR, R.M.D. Grand Valley Sta.

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