

Bog Spavin

Cure the lameness and remove the bunch without scarring the horse—have the part looking just as it did before the blemish came.

Fleming's Spavin Cure (Liquid) is a special remedy for soft and semi-solid blemishes—Bog Spavin, Thoroughpin, Splint, Curb, Capped Hock, etc. It is neither a liniment nor a simple blister, but a remedy unlike any other—doesn't irritate and can't be imitated. Easy to use, only a little required, and your money back if it ever fails.

Fleming's Vest-Pocket Veterinary Adviser describes and illustrates all kinds of blemishes and gives you the information you ought to have before ordering or buying any kind of a remedy. Mailed free if you write.

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

You can't sow thistles and reap figs. If you plant, FERRY'S SEEDS you grow exactly what you expect and in a profusion and perfection never excelled.

FERRY'S SEEDS

Fifty years of study and experience make them reliable. For sale everywhere. FERRY'S 1911 Seed Annual free on request.

D. M. FERRY & CO.,
Windsor, Ont.

COLD IN HEAD CATARRH

INSTANTLY RELIEVED BY THE OLD DR. MARSHALL'S CATARRH SNUFF

25¢ AT ALL DRUG STORES OR SENT PREPAID BY C. H. KEITH, 111 CLEVELAND OHIO

Agents are Coining Money

Selling this Combination Tool. Sells at sight. Farmers, farmers' sons and others having time at their disposal this winter should write to-day for our Agents' offer.

MAY MFG. CO.,
BLORA, ONTARIO.

BRAMPTON Jerseys

CANADA'S GREATEST JERSEY HERD

We are offering for sale one 2-year-old bull and four yearlings, fit for service; also six bull calves; females of all ages. Come and see them or write.

B. BRAMPTON, ONT.

High Grove Jerseys No Better Blood in Canada. Present offering: Two choice young bulls about fourteen months old. Will be sold right, before going into winter. **ARTHUR H. TUFTS, P. O. BOX 111, TWEED, ONTARIO.**

Worth Looking Into

When it becomes necessary to buy feed, it will be well to keep in mind the word

"CRESCENT."

"Crescent" is a mixed chop, with the Government analysis on every bag. One of the largest dairy herds in Ontario recently ordered a carload, and the order was placed after thoroughly testing its value as a dairy feed. Ask your dealer about it. If he does not know, write us. We can give you a close price on a carload.

THE CHISHOLM MILLING CO., LIMITED
"A." Jarvis Street, Toronto, Ont.

LINCOLN LONG-WOOL SHEEP

And Shorthorn Cattle.

The Riby Grove Flock and Herd, owned by **MR. HENRY DIDDING,**

Is the source to which practically all the leading export buyers have resorted from time to time to obtain stud sires and dams, and rams and ewes of unrivalled merit and quality. The record of its show-yard success is unequalled, and so are its sale averages. Selections of Sheep and Cattle always for sale.

Apply: **THE OWNER, RIBY GROVE, STALLINGBOROUGH, GRIMSBY, ENGLAND.**

Berkshires and Cotswolds. A few choice young boars, also ewe lambs, for sale. Apply to: **S. J. LYONS, Box 19, NORVAL, ONT.**

QUESTIONS AND ANSWERS. Miscellaneous.

FORMALDEHYDE SOLUTION AND SMUT.

In 1909 I had considerable smut in my oats, so thought it better to treat my seed, which I did, using the following: One pint formalin to forty gallons of water, and wetting the grain thoroughly. My crop this year, instead of being clear of smut, as I expected, was about one-third smut.

1. Can you give me directions for treating seed that will insure a clean crop?

2. A farmer living some little distance from me came and bought some of the same seed from me, and sowed it without treating at all, and reports having had no smut at all in his crop. Kindly account for this, if possible.

3. Could the land have anything to do with causing it? R. W. B.

Ans.—The only explanation we can suggest is that the formaldehyde solution was away below strength, and hence failed of its purpose. It is difficult to account for the fact that your neighbor had a clean crop from using untreated some of the same seed as yours. Are you sure he really had a clean crop? Some farmers would pay no attention to a considerable percentage of smut. Reverting to the question of formaldehyde, we should judge from the smell of the sample sent, that it was not nearly up to strength. Indeed, a druggist to whom we showed it, was of the opinion that the solution did not contain over 10 per cent. of formaldehyde gas, whereas it should contain 40 per cent. A simple test is to get an ounce of good formaldehyde solution, known to be exactly the right strength, and expose a sample of this to the air in a shallow vessel alongside a sample of the solution you have on hand. The solution which is of the proper strength will solidify in a day or so. If too weak, it will not.

SILO QUESTIONS—NITRO-CULTURE.

1. What is the capacity of a round silo 12 x 25, and 10 x 30?

2. Which gives best satisfaction, a solid concrete or a hollow-block silo, and the cost of same?

3. Do you know whether the United States has closed some silos in East Buffalo, and why?

4. I have six acres I want to seed with alfalfa. Would it be advisable to treat it with bacteria? P. Z.

Ans.—1. The capacity of the silo 12x25 would be about 56 tons, and of the other, 10 x 30, about 50 tons, or a trifle over, making some allowance for greater settling in the deeper silo.

2. We believe either kind of silo is perfectly satisfactory if properly built. The solid concrete is cheaper, but the other looks rather better, and, on account of the hollow space in the blocks, should give less trouble from freezing of the silage, though just how much, if any, advantage there is on this score, we are not prepared to say. In building either style, the foundation should be good, and particularly in case of the block wall, the work should be done sufficiently early in the season so that there will be ample time to do the mason work carefully and allow the mortar time to solidify. On account of neglect in this respect, and for lack of sufficient reinforcing, we have had reports of several silos the past season cracking. The experience of readers as to the comparative merits of these two styles of silos would be helpful in laying plans for building this season. We would be glad to publish such information.

3. The New York State Commissioner of Agriculture informs us that no silos have been closed at Buffalo by his Department. If at all, it was done by the local authorities, but the Assistant Commissioner at Buffalo is inclined to think there is nothing in the impression that silos were closed by official order.

4. If neither alfalfa nor sweet clover has grown recently on your farm, it would be worth trying nitro-culture. It may or may not prove to be needed, but it only costs a quarter to try.

It Will Pay You

to see us before you buy your fertilizer. You will need some form of nitrogen. We can supply you with

Nitrate of Soda

The cheapest, most available form of nitrogen

Whether you apply it as a top dressing or use it in a home-mixed complete fertilizer, Nitrate of Soda is the

Most Satisfactory Source of Nitrogen.

It is already in the condition it must be to be taken up by the plant. 100% of its nitrogen is available. There is no waste. It is pure plant food. Easy to apply. Let us quote you prices.

CHEMICAL LABORATORIES, LIMITED

148 Van Horn St.,

Toronto, Canada.

RAW

TORONTO, 1815.

WALKERTON, 1895

ALL KINDS WANTED.

FURS

In any quantity. Ship by freight, express or mail. We pay charges, and remit full market value same day. Send trial shipment, or write for information, prices, tags, etc.:

C. H. ROGERS, WALKERTON, ONT.

DIRECT EXPORTER AND MANUFACTURER.

I have big, thick and woolly rams and ewes, mostly lambs, but some yearlings, both **Shropshires and Cotswolds**. Have also the best lot of young **SHORTHORN BULLS** have ever bred, sired by one of Whitehall Sultan's greatest sons. They will be sold worth the money. You should write soon. **ROBERT MILLER, STOUFFVILLE, ONT.**

STOP! LOOK!! READ!!! FAIRVIEW SHROPSHIRE!!!!

Home again, and are feeling well. Ready to start making good for another year. Conditions seem right for constant progress. We are determined to lead, follow who may.

J. & D. J. CAMPBELL, Fairview Farm.

Woodville, Ontario.

CATTLE and SHEEP LABELS

Metal ear labels with owner's name, address and any numbers required. They are inexpensive, simple and practical. The greatest thing for stock. Do not neglect to send for free circular and sample. Send your name and address to-day.

F. G. JAMES, BOXMAN, ILL. ONTARIO

SOUTHDOWNS

The Ideal Mutton Sheep

For three successive years at the Guelph Winter Fair I have won: 1st on single ewe lambs, 1st on pen of ewe lambs. 1st on pen of ewe lambs bred by exhibitor. I do not import winners, I breed them.

Railway Station, **Robt. McEwen, Byron, Ont.** London, Phone. **Alloway Lodge Stock Farm.**

FARNHAM FARM OXFORDS AND HAMPSHIRE

CHAMPION FLOCKS OF BOTH BREEDS.

We are offering at reasonable prices a limited number of yearling and two-shear ewes by imported sires, and bred to our two champion imported rams. Long-distance phone in the house. Central Guelph, Telephone Guelph.

Guelph, G.T.R. Arkell, C.P.R.

HEVRY ARKELL & SON, ARKELL, ONT.

MAPLE VILLA OXFORD DOWNS AND YORKSHIRES

Are ideal in type and quality. Present offering is a grand lot of ram lambs for flock headers, also a number of shearing ewes and ewe lambs, sired by imp. Hamptonian 22nd. Yorkshires of both sexes and all ages. Right good ones. Satisfaction assured.

Bradford or Beeton Station.

J. A. CERSWELL, Bond Head P.O., Ont.

Shropshires

The right quality to breed from. Choice animals of both sexes for sale. Also White Wyandotte cockerels.

W. D. Monkman, Bond Head, Ontario.

Hillcrest Tamworths

are second to none in America for type and quality. For sale are both sexes and all ages, from sows bred and boars fit for service down to youngsters. **Herbert German, St George, Ont.**

White Hampshire Hogs

Largest herd in Canada. We bred the hogs that won both championships at Toronto and London for two years. Still have a few choice sows ready for service. Can furnish pairs or more not related. **HASTINGS BROS., Crosshill, Ont.**

SUNNYSIDE CHESTER WHITE HOGS

I am now offering some very choice young things of both sexes, of breeding age. A few Shropshire sheep of both sexes. Also Red Cap cockerels and pullets. **W. E. WRIGHT, Stanworth P.O., Ont.**

Pine Grove Berkshires.

Boars fit for service. Sows three, four and five months old.

Milton, C. P. R. Georgetown, G. T. R.

W. W. Brownridge, Ashgrove, Ontario.

DUROC - JERSEY SWINE

30 choice young sows, bred and ready to breed. Young boars fit for service. Also a choice Jersey bull calf. Bell phone in house.

Mac Campbell & Sons, Northwood, Ont.

MORRISTON TAMWORTHS

A grand lot of boars from 2 to 10 mos., also young sows (dandies). Some just bred. Some in farrow to first-class boars from best herd in England. Prices right. **Charles Currie, Morriston, Ont.**

Maple Grove Yorkshires

1910 business a record. 1911 to be still greater.

Forty sows bred to farrow in February, March and April, and any or all of them for sale. A grand lot, ranging from 7 months to 2 years old. Also younger ones, either sex, or pairs not related. A choice lot of September boars big enough to use. Prices reasonable, but consistent with quality. Stock shipped C.O.D. and on approval. Correspondence or personal inspection invited. Long-distance phone via St. Thomas.

H. S. MCDIARMID FINGAL, ONTARIO.

Shedden station, P. M. and M. C. R.

Elmfield Yorkshires

Am now offering a large number of both sexes, from 3 to 4½ months of age, sired by S. H. Albert 2nd. Imp. in dam, and out of imp. and imp.-in-dam sows. True to type and of choice quality.

G. B. Muma, Ayr, Ont. Phone connection.

Newcastle Tamworths and Shorthorns

For sale: Choice young sows bred and ready to breed. Boars ready for service; nice things, 2 to 4 months, by imp. boar. Dam by Colwill's Choice. Canada champion boar, 1901-2-3-5. Two splendid young Shorthorn bulls and six heifers—bred. Prices right. Bell phone.

A. A. COLWILL, NEWCASTLE, ONTARIO

Willowdale Berkshires

FOR SALE: Some choice young sows, bred and ready to breed; young boars ready for service, nice things, 2 to 3 months. Long-distance phone.

J. J. Wilson, Importer and Breeder,

Milton P.O., C. P. R. & G. T. R.