

## Bone Spavin

No matter how old the blemish, how lame the horse, or how many doctors have tried and failed, use

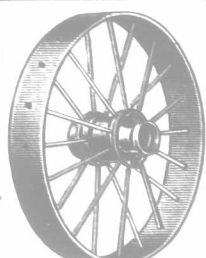
### Fleming's Spavin and Ringbone Paste

Use it under our guarantee—year money refunded if it doesn't make the horse go sound. Most cases cured by a single 40-minute application—occasionally two required. Cures Bone Spavin, Ringbone and Sidebone, new and old cases alike. Write for detailed information and a free copy of Fleming's Vest-Pocket Veterinary Adviser.

Ninety-six pages, durably bound, indexed and illustrated. Covers over one hundred veterinary subjects. Read this book before you treat any kind of lameness in horses.

**FLEMING BROS., Chemists**  
15 Church St., Toronto, Ontario

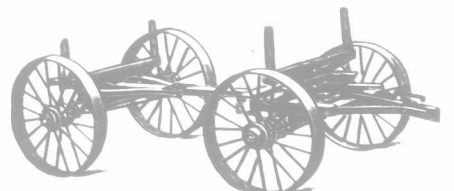
## The One Wheel The One Wagon



Dominion Low, Wide-tire Steel Wheels are made on principle of bicycle wheels. Unlike wooden and other wheels, the Dominion distributes strain equally. Dominion Low, Wide-tire Steel Wheels are stronger, lighter and cheaper than wooden wheels. Have staggered spokes. So, unlike wooden wheels, they will not rot or easily break. Dominion wheels will carry all horses can draw. Wide tires save roads and horses, and reduce loading labor and time. Can be taken apart and repaired, if necessary. Guaranteed not to break in even coldest weather or on rockiest roads.

Our Handy Wagon saves you so much labor and time that it pays for itself the first year. Yet it will last a lifetime. It makes loading and unloading easier. Its wide-tire steel wheels save roads and horses' strength. Strong enough to carry all horses can pull. Made of finest material; best workmanship; neat appearance. Write for free catalogue on Handy Wagon and Steel Wheels.

**Dominion Wrought Iron Wheel Co. Ltd.,**  
Orillia, Ontario.



## SHORTHORN BULLS

I have some choice young bulls, from imp. sire and dams. Good ones at reasonable rate. Come and see them. Prices right. Also some choice heifers.

**J. Brydono,**  
Milverton, Ontario.  
G. T. R. and C. P. R. Station.

**Willow Bank Stock Farm**  
**SHORTHORNS AND LEICESTERS.**

Herd established 1855; flock, 1848. The great Duthie-bred bull, Imp. Joy of Morning (3470), and the Missie bull, Royal Star (7202)—heads my herd. Choice selections to offer at all times in both bulls and females.

**JAMES DOUGLAS, CALEDONIA, ONTARIO.**

**HAWTHORN HERD**  
OF REAL PURPOSE

### Shorthorns

For sale: Young cows and heifers; bred right; priced right; and the right kind. Come and see them.

**Wm. Grainger & Son, Londesboro, Ont.**

**For Sale or Exchange, Shorthorn Bull.**  
Imp. Scotch Prince, 50849, in good breeding condition. I will sell reasonable, or exchange him for an imported bull for breeding purposes, or a good family and a stock producer, toward improving.

**E. A. GARNHAM, Stratfordville P. O.,**  
Pt. Barre, Branch C. P. R.

**GEORGE D. FLETCHER,**  
BINKHAM P. O., ONT.,

Offers a few choice **Shorthorn Cows** at bargain prices. Also a few choice **Shorthorn Bulls** (imp. sire) also. Shorthorn calves. Three Clydesdale hives, 1 and 2 year old, and Yorkshire sows ready to breed.

**From Shipping Station, C. P. R.**

**SHORTHORNS AND LEICESTERS.** Present offering: 1 year old, bred one and two year old cows. Choice shorthorn rams and ewes. Show material. Write: **W. A. Douglas, Tuscarora, Ont. Caledonia Station.**

**SHORTHORNS** O. C. home young Lady Fanny, for sale, good herd header. Also several young heifers. A few prizes. Both sexes. Write or come and see. Prices moderate. **ISRAEL GROFF, Elmira, Ontario.**

## QUESTIONS AND ANSWERS. Miscellaneous.

### HOGS COUGH.

I have a lot of young hogs that are bothered with a cough, all my hogs seem to get it at about two months old; other ways they seem all right. They are running in pasture, and I am giving them chop and shorts mixed. Please give cause and cure.

H. H.

Ans.—Coughing is sometimes due to dusty sleeping places, the dust being inhaled and causing irritation of the bronchial tubes and the lungs. It is also supposed to accompany constipation, but should not occur in the case of hogs on pasture. Sulphur given in feed at the rate of a dessertspoonful for each hog, daily for a week, would probably give relief.

### MISCELLANEOUS.

1. When is the best time to sow rye to plow down for manure?
2. If sowed in the fall, will it do for pasture this fall, and grow next spring again?
3. Is it as good for the land as buckwheat?
4. When is the best time to sow timothy with wheat, now or in spring?
5. Could a person kill bindweed from the spring till 1st September, by cultivating?
6. What is the best kind of wheat to sow on new land, the land is very strong; do you know which kind will stand up best?

What is the best kind of grain to sow with alfalfa, or would it do better sowed without grain?

8. Do you recommend skim plowing in the fall, or is one good deep plowing, with a skimmer, just as good?

9. How much rye should be sown to an acre; should it be sown with drill or broadcast?

10. Where can rye be bought, and how much a bushel is it worth?

11. Could you tell me how to exterminate buffalo bugs?

E. B.

Ans.—1. Rye may be sown as early in August as the ground can be prepared for it. If you wish to use it for manuring purposes, you will want as much growth as you can get, and yet turn under.

2. Yes.

3. No, neither of the plants are legumes; yet buckwheat, on account of its greater growth of leaf and less woody stem when plowed under, mellow the soil to a greater degree.

4. Opinion differ, you will be safe, with a reasonable season, to sow with the wheat.

5. By cultivating twice a week, so as to prevent the growth of any leaves all the season, you will at least greatly reduce it, but it is one of the most tenacious of all weeds.

6. Dawson Golden Chaff has been found a good yielder, and well adapted to strong lands.

7. Barley, sown thin, is generally conceded in Ontario as the best nurse crop for alfalfa. It has done well, however, in exceptional cases, with oats. You will probably get a full stand a little sooner where no nurse crop is grown, but will be losing the use of the land for a season, or most of it.

8. Shallow plowing early in the fall, and deeper plowing later, is desirable where one is combating weeds.

9. From 1 1/2 to 2 bushels per acre. It may be sown either way, though drilling will, in the greater number of cases, probably give most satisfaction.

10. Can give no general reliable seedsmen.

11. To perform this operation from early to late, make the goats, rations and heat work. After this point, depend on their expert on the other side of goodness. Cakes in the feed should be fed with plaster of Paris. If in chutes, pour a small quantity of carbon bisulphide into it, close tightly, and leave it this. (This must be done in a well-ventilated place, as the fumes are very poisonous.) The best method of applying this is to use a light on fire as going to the feed trough. After 24 hours, when the fumes have cleared away, so as to be safe, feed the cows.

## 275 BURLINGTON SHORTHORNS 275

**3 Choice Imported Scotch Shorthorn Bulls—yearlings.**  
**1 Imported 2-year-old Bull, red—an extra sire.**  
**10 Bulls, 9 to 16 months old—all by imported sire.**  
**30 Choice Young Cows and Heifers—mostly bred or have Calves at foot.** Long-distance telephone. Farm 1/2 mile from Burlington Jct. Sta., G. T. R.

**J. F. Mitchell, Burlington, Ont.**

**SCOTCH SHORTHORNS**—Eight extra good young bulls, from 10 to 15 months old; 20 choice cows and heifers, forward in calf or with calves at foot. Prices reasonable. Inspection invited.

**W. G. PETTIT & SONS, Freeman, Ont.**

Farms close to Burlington Jct., G. T. R.

**INVERNESS SHORTHORNS**  
I can supply Shorthorns of all ages, with richest Scotch breeding and high-class individuality.

**W. H. BASTEBROOK, Freeman, Ont.**

**Maple Leaf Shires, Shorthorns, Hampshire Hogs**  
1- and 2-yr. old Shire stallions, females from yearling fillies up; Shorthorns, both bulls and heifers; a choice lot of young Hampshire pigs, both sexes, beautifully belted.

**PORTER BROS., APPLEBY P. O., BURLINGTON STA. Phone.**

## PLEASANT VALLEY SHORTHORNS

For sale: 1 red, 1 roan, 2-year-old show bulls. Several good bull calves, also some yearling heifers. Some show propositions among them. If interested, write or call and see us before buying.

**GEO. AMOS & SONS, MOFFAT, ONTARIO.**  
Farm 11 miles east City of Guelph on C. P. R. 1 1/2 mile from farm.

## A. Edward Meyer

**P. O. Box 378, Guelph, Ont.,**  
Breeds **SCOTCH SHORTHORNS** Exclusively. Twelve of the most noted Scotch tribes have representatives in my herd. Herd bulls: Scottish Hero (imp.) = 55042 = (9065) 295765 A. H. B.; Gloster King = 68703 = 28304 A. H. B. Young stock for sale. Long-distance phone in house.

**The Show Time for All Live Stock and the Breeding Time for Sheep is Coming**

I can furnish young Shorthorn bulls, females all ages, and Shropshire and Cotswold sheep that will be a credit to you in the show-ring, and will breed well for you also. I also have some beautiful children's ponies.

Write and say what you want. **Robert Miller, Stouffville, Ontario.**

**HIGH-CLASS SHORTHORNS**  
I have on hand young bulls and heifers of high-class show type, pure Scotch and Scotch-topped, sired by that sire of champions, Mildred's Royal. If you want a show bull or heifer, write me.

**GEO. GIER, Grand Valley P. O. and station, also Waldemar station.**

**Spring Valley SHORTHORNS**  
We have for sale Newton Ringleader (imp.) = 73783 = A good bull, with first-class breeding. Also a Canadian-bred 15-month-old bull of the choicest quality. Phone connection.

**Kyle Bros., Ayr, Ont.**

## SALEM SHORTHORNS

I have generally what you want in choice Shorthorns.

**Elora Station, G. T. R. and C. P. R.**

**J. A. WATT, SALEM.**

## 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. H. BULL & SON, BRAMPTON, ONT.**

**WANTED!**  
**Ten Jersey Heifer Calves**, from 2 to 4 months old, eligible to register. Send description, with lowest cash price, to: **High Grove Stock Farm, P. O. Box 111, Tweed Ont.**

## HOLSTEINS AND YORKSHIRES

**R. HONEY, Brickley, Ont.**  
Northumberland Co.

Offers a choice lot of heifers and sows ready to mate; also orders taken for the coming crop of calves from Prince Posh Calamity Bleske and R. O. P. cows.

## Holstein - Friesians

**FAIRVIEW FARM** offers young bulls, sired by Pontiac Korndyke and Rag Apple Korndyke, without question the two greatest Korndyke bulls in the world, and out of cows with large A. R. O. records and testing 4% fat. Come and see them or write.

**E. H. DOLLAR, Heuvelton, N. Y.**  
Near Prescott.

**Centre and Hill View Holsteins**  
We have added to head our herd a young bull from King Segis, world-record sire, and a 26-lb. 4-yr.-old dam. Have 2 bulls born in January from Bonheur Statesman. Their granddams have over 21 lbs. butter in 7 days. Also younger ones from good A. R. O. dams. P. D. Ede, Oxford Centre, Woodstock Stn. LONG-DISTANCE TELEPHONE.

PLEASE MENTION THIS PAPER.

## Lakeview Holsteins

Count Hengerveld Fayne De Kol, who heads this herd, together with several of his get, will be at the Canadian National Exhibition. Come and see them. There are some very choice young bulls among them. No young stock priced till exhibition time.

**E. F. OSLER, BRONTE, ONT.**

## World's Champion-Bred Bull

Grace Fayne 2nd Sir Colantha. His dam, sire's dam and two sisters average 31.80 lbs. butter in 7 days. For further particulars send for catalogue. Address **M. L. HALEY or M. H. HALEY, Springfield, Ontario.**

## High-class Holsteins

Head of herd, Pietje Korndyke Lad. Two nearest dams average 26.09 lbs. butter in 7 days. His sire's dam, Pietje 22nd, has a record of 31.62 lbs. butter in 7 days. Present offering: now booking orders for bull calves sired by above sire and out of A. R. O. dams.

**WM. C. STEVENS, PHILLIPSVILLE, ONT.**

## High-class Holsteins and Tamworths.

I am now offering a number of two and three year old heifers, with official records from 11 to 20 pounds butter in 7 days; also bull calves with rich backing. Tamworth hogs from 6 weeks to 1 year old. Imp. sire and dam.

**A. C. HALLMAN, BRESLAU, ONT.**

**Elmwood Holsteins** Choice-bred calves for April and May delivery. Sired by imported Ykema Sir Posh and Pontiac Sarcastic, a grandson of Sarcastic Lad. Registered. Delivered. Express paid. Safe delivery guaranteed.

**E. D. GEORGE & SONS, PUTNAM, ONT.**

## Maple Grove Holsteins

It is from Maple Grove Holsteins and their descendants that the largest records are made. They combine individuality, quality, with the greatest performance.

**H. Bollert, Cassel, Ont.**

**Silver Creek Holsteins** Official records range from 13 lbs. for 2-year-olds to 22 lbs. for mature cows. Stock bull, King Fayne Segis, Clothilde, his 7 nearest dams records average 27 lbs. For sale are young stock of both sexes, sired by bull with high official backing and out of Record cows.

**A. H. TEEPLE, Currie's P. O., Ont., Woodstock, Sta. Phone connection.**

## The Maples Holstein Herd

of Record-of-Merit cows, headed by King Posh De Kol. Nothing for sale at present except choice bull calves from Record-of-Merit cows. Also one or two good cows.

**WALBURN RIVERS, FOLDEN'S, ONTARIO**

## MAPLE HILL HOLSTEIN - FRIESIAN SPECIAL OFFERING:

Four-year-old cow, fresh last October, bred April 2nd to Choicest Canary, whose dam is the highest seven- and thirty-day record cow in Canada.

**G. W. CLEMONS, St. George, Ont.**  
Bell phone.