

## Be Safe!

Don't take too many chances with spavin, splint, curb, ringbone, bony growths, swellings and of lameness. Use the old reliable remedy—



### KENDALL'S Spavin Cure

It has been used by horsemen, veterinarians and farmers for 35 years—and it has proved its worth in hundreds of thousands of cases.

Bickerdike, Alta., Jan. 29, 1913.

"I have been using Kendall's Spavin Cure for a good many years with good results. In fact, I am never without it."

H. NEIDORF.

\$1 a bottle—\$5 for \$25, at druggists—or write for copy of our book "Treatise on the Horse" free.

Dr. B. J. KENDALL COMPANY  
Enosburg Falls, Vermont, U.S.A. 79

## Fistula and Poll Evil

Any person, however inexperienced, can readily cure either disease with

Fleming's

### Fistula and Poll Evil Cure

even bad old cases that skilled doctors have abandoned. Easy and simple to apply, just a little attention every fifth day—and your money refunded if it ever fails. Cures most cases within thirty days, leaving the horse sound and smooth. All particulars given in Fleming's Vest-Pocket Veterinary Advice.

Write us for a free copy. Ninety-six pages, covering more than a hundred veterinary subjects. Durable bound, indexed and illustrated.  
FLEMING BROS., Chemists,  
75 Church Street, Toronto, Ont.

**Aberdeen-Angus of Show Form and Quality.** For this season my offering in young bulls and heifers, are toppers every one. Show-ring form and quality and bred from show-winners. T. B. BROAD-FOOT, Fergus, Ont. G. T. R. and C. P. R.

## Shorthorns

Fourteen good young bulls, from 6 to 12 months old, and a number of females. Would appreciate your enquiry for same.

H. CARGILL & SON, Cargill, Ontario

### OAKLAND 45 SHORTHORNS

25 breeding females of milking strain headed by Scotch Grey 72692, a first prize and sweepstake roan bull; and Red Baron 81845, a fine large dark red bull of excellent dairy strain. Both for sale. Also a pair of grand young bulls 10 and 14 months, of excellent milking strain, youngest if properly placed will head a herd.

JNO. ELDER & SONS, HENSALL, ONTARIO.

### Spring Valley Shorthorns

A few of the best young bull prospects we ever had. They will please you. Will sell females too. Visit the herd; we think we can suit you. Particulars on application.

KYLE BROS., R. R. No. 1, Drumbo, Ontario

### WOODHOLME SHORTHORNS

I have for sale a most attractive offering in young bulls and young females, pure Scotch, breeding unsurpassed, the low thick kind. Write me your wants. G. M. FORSYTH  
North Claremont - Ont.

1854 MAPLE LODGE STOCK FARM 1913

### Shorthorns and Leicesters

I have a most excellent lot of young rams for sale, mostly sired by imported Connaught Royal. Something very choice in young bulls. House one mile from Lucan Crossing G. T. R.

A. W. SMITH, MAPLE LODGE, ONTARIO

### SHORTHORNS, COTSWOLDS, BERKSHIRES

In Shorthorns am offering cows and heifers and calves of either sex. In Cotswolds have ram and ewe lambs and breeding ewes for sale. In Berkshires have a nice lot ready to ship.  
CHAS. E. BONNYCASTLE,  
P. O. and Station, Campbellford Ont.

### Shorthorns For Sale

2 yearling bulls of the right kind, 2 high-class herd headers, 12 months, one from imp. cow 4 bull calves, also young cows and heifers, some good milking strains

Stewart M. Graham, Lindsay, Ont.

**Spruce Lodge Shorthorns & Leicesters**  
Present offering: A number of good heifers and young cows, with calf at foot, from good milking families. A few ram lambs and a choice lot of shearing ewes, now bred to imp. ram.  
W. A. Douglas, R.R. No. 2, Caledonia, Ont.

## Questions and Answers. Miscellaneous.

### Veterinary books

Will you please let me know the name of a good veterinary science book, and where I could get it?

A SUBSCRIBER.

Ans.—There are many, but The Farmer's Veterinarian is comprehensive and easily understood. It may be procured through this office, at \$1.50, postpaid.

### Abortion in Cow.

I went to an auction sale a short while ago and bought several cows. They were guaranteed to be free from abortion and all right. In a few days one lost her calf, and she was supposed to freshen in April next. In a few days another one that was to freshen in February, lost her calf, and I hear some more of them will do the same. Can I make the seller allow for them?

R. D.  
Ans.—This is a case where it is scarcely likely that you could get anything from the seller. If, however, you can prove that the cows were affected with contagious abortion when he sold them to you, and he guaranteed them free from it, he would be liable. However, it would likely be very difficult to prove this. You might approach him about the trouble anyway, and explain the matter to him.

### Miscellaneous.

1. How many turnips would it be advisable to feed cattle, with silage, for fattening?
2. What benefit would oil cake be to cattle?
3. Are raw potatoes good to kill worms in horses?
4. How much hardwood ashes would be safe in feeding horses to kill worms?
5. How long will sweet clover stay in the ground without re-seeding?
6. How much per bushel is the seed? Our seedsmen don't handle it. They call it a weed.
7. How many pounds per acre is sown?
8. Would it hurt it to pasture the young seeds?
9. How would a little buckwheat, mixed with oats and sown together, do?
10. What would be good to feed hens that have the white scours? What causes it?
11. Is the red mortar-color good to put in drinking water for the fowl to drink?
12. Does land require to be very rich in order to grow alfalfa?

A SUBSCRIBER.

Ans.—1. This depends wholly upon the size of the cattle, the amount of silage fed, and the amount of other feeds given. A 1,200-lb. steer getting a liberal ration of grain, hay and silage, does not absolutely require roots, although a variety increases palatability and digestibility. From 15 to 30 lbs. of roots daily would do no harm, and might improve the ration.

2. Oil cake is a highly nitrogenous concentrate, suitable in small quantities for putting finish on feeding cattle, sheep, or swine. Where a ration has too wide a nutritive ratio, that is percentages of protein to carbohydrates and fat, it is well to add a little oil-cake meal. It is a rich, strong feed, greatly relished by stock.

3. We do not think so.

4. Only a small handful in their oats, if fed at all. Some worm powders would be more effective.

5. Sweet clover is biennial, and must be re-seeded each year.

6. Enquire from some of the larger seedsmen whose advertisements run, in season, in this paper.

7. From 20 to 30.

8. Pasturing young seeds is seldom, if ever, advisable.

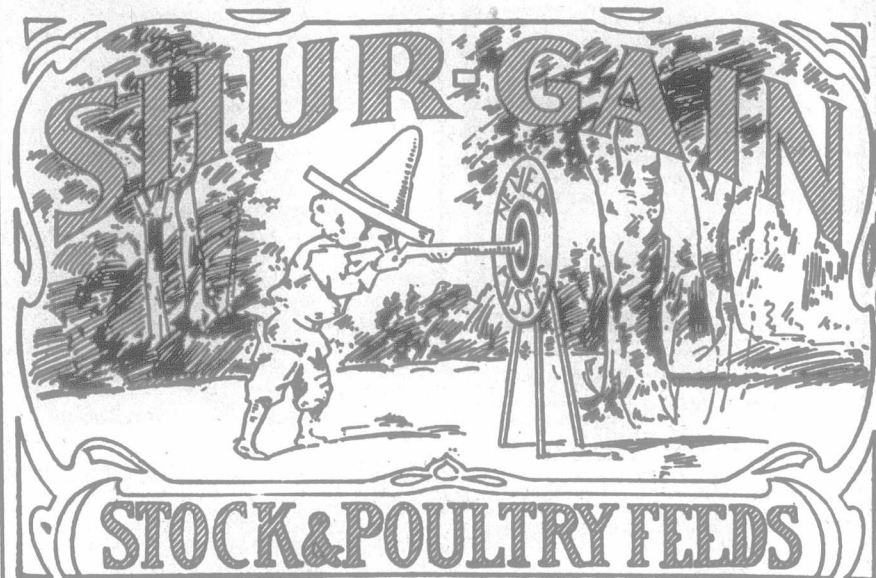
9. Buckwheat and oats would not be a profitable mixture.

10. Most probably this has been caused by injudicious feeding. Avoid green food, such as mangels, cabbages, etc., which has been frozen. Feed regularly. Do not give much green feed until scours cease. Give good, whole grain, and rolled oats, and give sour milk to drink. Give plenty of grit also.

11. What is it made of?

12. Not necessarily so. More depends upon the kind of soil and the nature of the land, whether or not it is level or rolling, and drainage. Of course, the soil must be in good tilth, clean, and well cultivated.

# GUNNS



Beef Scrap Charcoal Chick Scrap Poultry Bone  
Beef Meal Bone Meal Oyster-Shell Calf Meal  
Crystal Grit Dairy Meal Hog Meal

Or any other line of stock and poultry food. Write:

**GUNNS LIMITED,**  
West Toronto, Ontario

## The Auld Herd and Pleasant Valley SHORTHORNS

We have females of all ages and of the best Scotch families for sale. Those interested should come and see us. Correspondence invited.

Bell 'phone. Guelph or Rockwood Stns. A. F. & G. AULD, Eden Mills, Ont.

## Shorthorns & Clydesdales

We have seven yearling bulls and seven bull calves from 7 to 12 months. All reds and roans, and of choice breeding. We have some extra good imported males for sale, also some foals. If interested write for catalogue of their breeding.

W. G. PETTIT & SONS, FREEMAN, ONTARIO  
Burlington Junction, G. T. R. Bell 'Phone.

## SHORTHORNS

—Records show that cattle bought from the Salem herd won numerous ribbons the past season; we have others. Several young bulls are priced reasonably.

ELORA G. T. R. and C. P. R. J. A. WATT, SALEM, ONT.

**100 SHORTHORNS IN OUR HERD 100**  
For sale—Imported yearling show bull; 14 calves 8 to 14 months old; cows and heifers and show material all ages. Herd headed by 3 high-class imported bulls, all 3 were prizewinners at Toronto this year.

Farm 1/4 mile from Burlington Junction. MITCHELL BROS., Burlington, Ont.

**SHORTHORNS**  
of breeding, style and quality. If in want of an extra choice herd header, carrying the best blood of the breed, or a limited number of right nice yearling heifers, write us; we can supply show material of either bulls or females. Geo. Gier & Son, Waldemar R. R. No. 1, Ont. L.-D. 'Phone.

### DAIRY-BRED SHORTHORNS

We have for sale, Scotch and English-bred Shorthorns. A few bulls of improved breeding on big milking lines; also others pure Scotch, and heifers of both breed lines.

L.-D. 'Phone G. E. MORDEN & SON, OAKVILLE, ONTARIO

### Ayrshires & Yorkshires

—Bulls for service, of different ages; females all ages. Calves of both sexes. All bred for production and type. A few pigs of either sex ready to ship.

ALEX. HUME & COMPANY, Menie P.O., Ont.

City View Herd of **Ayrshires** One two-year-old, one yearling, Record of Performance one calf, males only, for sale, from R. O. P. cows, and sired by bulls from R. O. P. dams.

JAMES BEGG & SON, R. R. No. 1, St. Thomas, Ont.

**75 Hillcrest Ayrshires** Our Ayrshires are selected and bred for big production, and show-ring quality. Many of the heifers we are offering are grand-daughters of the two Ex-World's Champions, Jean Armour, Record 20,174 lbs., and Primrose of Tanglewyld, Record 16,193 lbs. F. H. HARRIS, Mount Elgin P. O. & Stn.

**High-class Ayrshires**—If you are wanting a richly bred young bull out of a 50-lbs-a-day and over cow, imported or Canadian-bred dam or sire, write me. Females all ages. Prices are easy. D. A. MACFARLANE, Kelso, Que.

**Dunganon Ayrshires** For high-class Ayrshires, write us or come and see them. We can sell matured cows, heifers, heifer calves, all bull calves are sold. Prices right. L.-D. 'Phone. W. H. FURBER, COBBOURG, ONT.