

## IDEAL GREEN FEED SILOS

Now when you have the time why not settle the silo question.

The more you investigate the advantages of having succulent silage to feed to your cows all winter the sooner you will decide to erect a silo.

We want you to have our Ideal Green Feed Silo Book

It not only describes the best silo made but it also contains much valuable information for all cow owners.

If you are a cow owner a postal card request will bring you the book free of charge.

De Laval Dairy Supply Co., Ltd.  
173 William Street, Montreal  
128 James Street, Winnipeg

## Fistula and Poll Evil

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

**Fleming's**  
**Fistula and Poll Evil Cure**  
—even bad cases that skilled doctors have abandoned. Easy and simple; no cutting; 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 Vets-Posket Veterinary Adviser.

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

## PRESIDENT SUSPENDER

NONE SO EASY

**Aberdeen-Angus of Show Form and Quality.** For this season my offering in young bulls and heifers are topers, 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.

**1854 Maple Lodge Stock Farm 1913**  
Am offering a very fine lot of young Shorthorn bulls just now. Excellent breeding and most from splendid milking dams. The kind that is needed.

House is one mile from Lucan Crossing, G. T. R.  
**A. W. SMITH, Maple Lodge P.O., Ont.**

### Clover Dell Shorthorns

Choice young stock of both sexes. Dual-purpose a specialty. Herd headed by (Imp.) Ivanhoe, L. A. WAKELY, BOLTON, ONT.

### Shorthorns, Cotswolds, Berkshires

For sale: 10 bulls, from 7 to 10 months; also cows, heifers and heifer calves. Would sell a few young Cotswold ewes. No Berkshires to offer at present.

**CHAS. E. BONNYCASTLE**  
P.O. and Station, Campbellford, Ontario

**CEDARDALE SHORTHORNS**—To make room for newcomers, I am now offering some rare value in Scotch-bred cows and heifers, beautifully bred and high-class in type; also 1 yearling bull.  
**Dr. T. S. Sproule, Markdale, Ont.**

**Shorthorn Bulls and Heifers**—I have a choice lot of young bulls and heifers in all now to offer. Former sires, Joy of Morning (Imp.) = 32070 = and Benachie (Imp.) = 69954 = present stock bull, Royal Bruce (Imp.) = 55038 = (49000) 273853.  
**GEO. D. FLETCHER, R. R. No. 2, Erin, Ont.**

### QUESTIONS AND ANSWERS.

Miscellaneous.

#### WHITEWASH STICKS TO CEMENT.

We built a new house this summer, and I whitewashed the milk-room in the cellar with lime, and the floor is cement. The whitewash dropped on the floor and dried there. I never thought but what I could wash it off, but it is fast. I have tried a good many things, even lye, but it won't come off. Can you tell me what will take it off? F. A. H.

Ans.—It is not likely that anything will take them off. They may wear off in time. They could be covered over by applying a cement plaster to the entire floor.

#### BANK BARN.

I am going to build a barn in the spring on a nine-foot wall. In order to do away with the long grade to get into barn, I am building in side-hill. One side can be seven feet in ground; the ends will run out about twenty-five or thirty feet. This is a level country—not many bank barns. Some tell me it will be damp; others say they would like to have the hill I have, as they would use it. Give me your opinion. Perhaps we could hear from someone else interested. S. C.

Ans.—The stables of bank barns, properly constructed, are not too damp. Get plenty of light, and a good system of ventilation. Be sure to get good drainage away from the barn, and particularly under the wall which is set in the bank, with a smooth, hard finish on the outside of the latter, to guard against moisture seeping through the wall.

#### WEIGHT OF SILAGE.

Would you tell me how many hundred pounds there is to the foot in a round silo, 12½ feet across, and what the feeding value is per ton? G. B. S.

Ans.—The weight of a given depth of silage in a silo depends upon many factors. The height of the silage, the degree of moisture, and packing, and the percentage of ears, are some of these. An estimate can only be approximate at best. The weight of average silage in one foot depth in this silo, if well packed, should be about 5,200 pounds. Of course, the top few feet would not weigh this much, but that in the bottom of a high silo would weigh more. The feeding value per ton depends upon the quality of the silage and upon the prices of other feeds. From one-third to one-half the price of good clover hay is a fair estimate.

#### CEMENT FOR ALLEY—WINDMILL—CATTLE FOR THE NORTH.

1. How many barrels of cement would it take for a feeding alley four feet wide and forty-five feet long, and how much gravel would it take, and what depth would it need to be laid?

2. I intend buying a windmill for grinding rye, peas, and oats. What size of wheel would you recommend, and what size of a grinder, having about 100 bushels to grind?

3. Do Holstein cattle need tender care? I have been told that they are no good for Muskoka District, Ont. What breed would you suggest for mixed farming in this country?

#### SUBSCRIBER'S SON.

Ans.—1. You would need to put in a layer of coarse gravel or small stones about four to six inches deep under the cement, and cover this with about two or two and one-half inches of cement. Cement required, about three barrels. Gravel, coarse and fine, about 1½ cords, altogether.

2. If you only have 100 bushels of grain to grind, will it pay you to install a mill and grinder? We prefer the large sized mill—fifteen or sixteen feet in diameter, and one of the larger grinders, as the smaller ones are very slow and do not do as good work. If you have sufficient grinding to warrant it, install one of the fairly large outfits.

3. Holstein cattle are doing well in cold climates. No dairy breed will make handsome profits if forced to "rough it" in the winter. There are many good breeds. For mixed farming, good milk-breeds. For dairy, one of the best breeds in individuals of one of the best breeds should do well. For dairying, Ayrshires, Holsteins, Jerseys, or Guernseys, should succeed.

## Aspinwall Potato Planter No. 3

Thirty years' experience backs this original automatic Potato Planter. Six Iron Hands drop the seed accurately. The Iron Hand does not tire; hence, can not make a mistake. No human fingers or hands to be cut off. One person drives. The Machine does the rest. Fertilizer and Corn Planter Attachments furnished when desired.

Accurate  
Simple



One Person  
Required to  
Operate It  
—Not Two

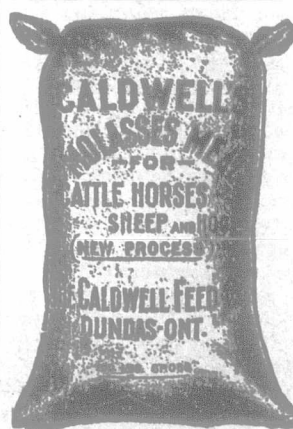
Write for printed matter on our complete line of Potato Machinery—Cutters, Planters, Sprayers, Diggers, Sorters.

**Aspinwall Manufacturing Company**

Dept. D, Guelph, Ontario

World's Oldest and Largest Makers of Potato Machinery

A "Feed" that adds 25% to the value of Stock in a very short period



### Caldwell's Molasses Meal

It does more than that—it also insures the health of your cattle besides reducing general feeding costs by a substantial margin. It is 84% pure Cane Molasses and 16% edible moss selected for its unique digestive action. You know the feeding value of pure Cane Molasses. Caldwell's Meal is the only wasteless form in which it can be fed. It's always palatable and dry to the touch. Takes the place of an equal amount of other cereal, making it more palatable and digestible. Most likely your feedman handles it, but write to us at any rate for the facts.

**THE CALDWELL FEED CO., Limited,**  
DUNDAS, ONTARIO.

## ANNUAL PROVINCIAL SALE OF PURE-BRED CATTLE

Under the auspices of the ONTARIO DEPARTMENT OF AGRICULTURE and management of the GUELPH FAT STOCK CLUB, will be held in the Winter Fair Building, GUELPH, ONT., on

**Wednesday, March 5th, 1913, at 1 o'clock p.m.**

The sale will comprise 40 head of Shorthorns, principally bulls, many of them of the very best Scotch families. For catalogues and further information, apply to

**A. E. MEYER, Guelph**  
President

**J. M. DUFF, Guelph**  
Secretary

**Orchard Grove Herefords** I have lately made a big importation of the leading herds of Illinois. In my herd you now have 25 Bulls to select from; a big range of Heifers and Cows. High-class show and breeding stock a specialty.

**L. O. CLIFFORD, Oshawa, Ontario,**

**G. T. R. and C. N. R.**

### The Auld Herd and Pleasant Valley Shorthorns

We are putting three bulls in the Guelph sale March 5th. We have females of all ages and the best of breeding for sale. Correspondence invited.

**A. F. & G. AULD,**  
Bell 'phone.

**Eden Mills, Ontario**  
Guelph or Rockwood stations.

## 15 SHORTHORN BULLS 15

We have been breeding Shorthorns on this farm for over 60 years, and I never saw a better lot of young bulls for sale than I have at the present time. Nearly all of the best Scotch breeding; reds and roans, from 10 to 20 months old. Also a few females and several registered Clyde fillies. Prices within the reach of all. Will quote prices, freight paid to your nearest station.

Claremont Sta., C.P.R., 3 miles.  
Pickering Sta., G.T.R., 7 miles.

**JOHN MILLER, Brougham, Ont.**

**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.**

### Springhurst Shorthorns

Four of the first-prize Shorthorns at the late Guelph show, including the champion and grand champion fat heifer, were all sired by bulls of my breeding. I have now for sale ten young herd heads of this champion-producing breeding. **HARRY SMITH, HAY P. O., ONT**  
Exeter Station. Long-distance 'phone.

### Shorthorns

of breeding and quality—Our offering this year in young bulls and heifers, out of Scotch cow, and sired by our great Mildred Royal, are put up on show lines, and strictly first-class.

**GEO. GIER & SON, Grand Valley, Ont., P.O. and Sta.**

**MEADOW LAWN SHORTHORNS** of richest and most breeding, and of high-class type and condition. I can supply young bulls and heifers—Clarets, Roan Ladys, Mildreds, Stamfords, etc. **F. W. EWING, SALEM, ONTARIO**  
L.-D. 'Phone. Elora Station.

### SCOTCH SHORTHORNS

At prices that defy competition. I am offering a big, choice and royally-bred selection of females from calves up. Also a few right good herd heads, including my great stock bull, Lord Lavendar. **A.J. HOWDEN, COLUMBUS P.O., ONT.** Brooklin Sta., G.T.R.; Myrtle Sta., C.P.R.

**Willow Bank Stock Farm**—Shorthorn Herd Established 1855. The grand imported Butterfly bull, Roan Chief = 60865 =, heads the herd. Young cows and heifers bred to him; also an exceedingly good lot of young bulls on hand, fit for service and at very reasonable prices. Some from imp. dams.

**JAMES DOUGLAS, Caledonia, Ont.**