

## The Breed That First Made Hillhurst Famous.

The best bull of any age and first prize 2 year-old at Sherbrooke, 1904, were both bought at Hillhurst, and there are some equally good ones among the

### 9 Reds and Dark Roans

now ready for service, Scotch-topped and from good milking families, for sale at farmers' prices. Inspection invited. Catalogue.

**JAS. A. COCHRANE,**  
Hillhurst Station, o Compton Co., P. Q.

**THREE IMPORTED Shorthorn Bulls**  
Four imported cows in calf, home-bred cows, heifers and young bulls, all of straight Scotch families. Four imported Shropshire rams, eight imported ewes and any number of Shropshire and Cotswold ram and ewe lambs of the highest class, is what I can show you now, and all will be priced at moderate prices.  
**Robert Miller, Stouffville, Ont.**  
Representative in America of Alfred Mansell & Co., Shrewsbury, England.

### A. EDWARD MEYER

Box 378, Guelph, Ont.  
**Breeder of High-class Scotch Shorthorns**  
Princess Royals, Brawith Buds, Villages, Nonpareils, Minas, Bonnies, Claretts, Urys and others. Herd bulls, imp. Chief of Stars (72215), 145417, =32076=, Lovely Prince =50757=. Some choice yearling heifers for sale. Correspondence solicited. Visitors welcome. Telephone in house.

**Belvoir Stock Farm**  
**SHORTHORN BULLS**, various ages; imported and home-bred, by imp. Gay Lothario, a Cruickshank Lavender.  
**OLYDE STALLION**, 2 years old; sire imp. dam a winner, grandam 1st Highland Show.  
**YORKSHIRE**—Sows and boars, various ages; not skin. Three imp. boars and 5 imp. sows to select from, and their progeny. Prices right. Also honorable dealing.  
**RICHARD GIBSON, Delaware, Ont.**

### CLEAR SPRING STOCK FARM

#### HIGH-CLASS SHORTHORNS

A specialty. Present offerings young bulls and heifers from first-class stock. Correspondence or inspection of herd invited.

**JAS. BROWN, Thorold Sta. & P. O.**

### SHORTHORNS and CLYDESDALES

Spicy Count (Imp.), 5 thick, fleshy bulls, 12 months old; a few heifers and 6 splendid Clydesdales; 3 mares registered. All young.

**JAS. McARTHUR**  
Pine Grove Stock Farm. GOBLE'S, ONT.

**First-class Shorthorns**—Young cows and heifers of fashionable breeding. Also Shropshires of different ages. Write for prices, etc., to **J. T. COLE**, Bowmanville Stn., G. T. R. o Tyrone P. O.

### MAPLE LODGE STOCK FARM

1854.  
Eight very choice young bulls, of the best breeding and from first-class milking cows. A few handsome heifers also for sale, and a few Leicester. om

**A. W. SMITH, Maple Lodge P. O., Ont.**

### PINE GROVE STOCK FARM

ROCKLAND, ONTARIO, CANADA.  
Breeder of choice

### SCOTCH SHORTHORNS and SHROPSHIRE.

**W. C. EDWARDS & CO., Ltd., Props.**  
**JOSEPH W. BARNET, Manager.** om

### Scotch Shorthorns

Herd headed by Imp. Royal Champion. Young stock for sale from imp. sires and dams. For particulars write to

**ED ROBINSON, Markham Sta. & P. O.**  
Farm within town limits.

### SPRING VALLEY SHORTHORNS

Good bulls at reasonable prices, out of good Scotch cows, and by such bulls as Bapton Chancellor (imp.), Scottish Beau (imp.), Nonpareil Archer (imp.), Clipper Hero, etc. For further particulars, apply to  
**KYLE BROS., Ayr, Ont.**

**Shorthorn Bull**—Proven =37855=, 4 years old, in prime condition, sure and active; a grand stock bull. Will sell or exchange for another. **RICHARD WILKIN**, Springfield Stock Farm. o Harriston, Ont.

### SCOTCH-TOPPED SHORTHORNS

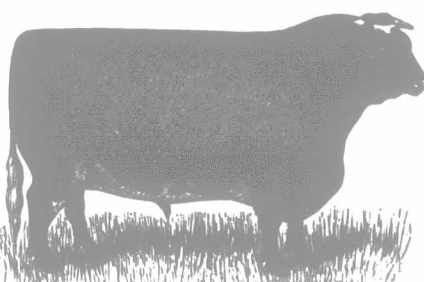
Nine young bulls ready for service; also several heifers by Scottish Baron 40421 (imp.), for sale reasonable. Come soon and get first choice.  
**H. GOLDING & SONS,**  
Thamesford P. O., Stations, Thamesford, C.P.R.; Ingersoll, G.T.R.

## SHORTHORNS

Still have a few good young bulls to offer. Also an exceptionally good lot of heifers, among which there are show animals. Prices easy.

CATALOGUE.

**H. O'GILL & SON, O'GILL, ONT.**  
**JOHN CLANCY, Manager.** om



### Arthur Johnston

GREENWOOD, ONT.

Offers the following:  
5 imp. bulls, all registered in E. H. B.  
7 high-class home-bred bulls, all by imp. sires, and from imp. or pure Scotch cows.  
7 imp. cows and heifers.  
7 very fine heifers of our own breeding, by imp. sires, and mostly from imp. dams. om

### MAPLE SHADE SHORTHORNS

Nine young bulls fit for service. Showing the finest Cruickshank breeding.  
Good Size, Quality  
Flesh and Bone.

Inspection invited. Catalogues on application.

**JOHN DRYDEN & SON, Brooklyn P. O., Ont.**

### T. DOUGLAS & SONS,

Strathroy, Ontario.

### SHORTHORNS and CLYDESDALES

Present offerings: 12 young bulls of No. 1 quality, ready for immediate service; also cows and heifers of all ages. Also one imp. stallion and two brood mares. Prices reasonable. Visitors welcome. Farm one mile from town.

### JOHN GARDHOUSE & SONS

Highfield P. O., Ont., Breeders of

Scotch and Scotch-topped Shorthorns, Shire Horses, Lincoln and Leicester Sheep

A good selection of young stock of both sexes always on hand for sale. Scottish Prince (imp.), Vol. 49, a head of herd. Royal Albert (imp.), 20087, at head of stud. Farms 3 1/2 miles from Weston, G. T. R. and C. P. R., and electric cars from Toronto. om

### Shorthorn Cattle and Lincoln Sheep

Shorthorn bulls, cows and heifers for sale at greatly reduced prices for the next 60 days.

**J. T. GIBSON, Denfield, Ont.**

For Sale—Shorthorns, imported and home-bred; both sexes; herd headed by Imp. Royal Prince. Also Oxford Down sheep. All at reasonable prices.

**JOHN McFARLANE,**  
Box 41, Dutton P. O., Elgin Co., Ont.  
Stations M. C. R. and P. M.

For Sale—Some Young Cows, with calves at choice

**BELL BROS., The "Cedars" Stock Farm,**  
Bradford, Ont. om

### The Ontario Veterinary College, Limited.

Temperance Street, Toronto, Canada.  
Affiliated with the University of Toronto.  
Patrons: Governor-General of Canada, and Lieut. Governor of Ontario. Fee \$65.00 per session. Apply to **AMBER SURVEY, P. R. C. V. S., Principal** 18-27-2 m

### PORTER'S GOLD & SILVER FAWN

ST. Lambert Jersey Herd

I have a number of bulls, cows and heifers for sale. No better blood. No better cream-producers. No better lookers.

**T. PORTER, Carleton West, Ont.**

### QUESTIONS AND ANSWERS. Veterinary.

#### WHO HAS BRONZE TURKEY EGGS?

Where could I get Bronze turkey eggs?  
Two Mountains, P. Q. A. E. T.  
Ans.—Turkey breeders, take note. What is the use of raising turkeys, if you do not advertise?

#### SOW THISTLE.

Have a small patch of sow thistle in my farm, probably 20 feet square. Could anyone give me information as to how to kill it entirely? SUBSCRIBER.

Ans.—There are two kinds of sow thistle—annual and perennial. We presume you have the perennial. Repeated spraying with two or two and a half per cent. solution of bluestone, just before the flowering stage, has been recommended. The reason repetition is necessary is that the perennial thistle will grow up from its root after the top has been killed, hence repeated scorching is necessary to keep the top killed and thus exhaust the root. Thorough summer-fallowing will serve the same purpose; give frequent cultivation with the broadshare cultivator. Or grow a crop of corn or rape, and be careful to cultivate often enough to keep the weed down. Perennial sow can be combated by much the same means as Canada thistle, which it resembles in method of propagation. Experience of readers is invited on this, as on all subjects of inquiry.

#### FEEDING VALUE OF SWEET VS. FLINT CORN.

What is the relative feeding value of sweet corn compared with field corn for pigs? W. M. B.

Elgin Co., Ont.

Ans.—There is no great difference. Sweet corn is somewhat richer in protein and fat; but, contrary to the natural supposition, contains slightly less of digestible carbohydrates (sugar, starch, etc.). The sweetness of sweet corn is due to the fact that the grain contains considerable glucose while ripening. Since, however, it contains less starch than flint corn, and since the feeding value of sugar is no greater than that of starch, the mere sweetness does not indicate a greater nutritive value. For all practical purposes, sweet and flint corn should be rated about equal, with a slight advantage, on the whole, in favor of the former. Henry, in Feeds and Feeding, thus compares analyses of dent, flint and sweet corn: Protein—dent, 7.8 per cent.; flint, 8.0 per cent.; sweet, 8.8 per cent. Carbohydrates—dent, 66.7 per cent.; flint, 66.2 per cent.; sweet, 63.7 per cent. Ether extract—dent, 4.3 per cent.; flint, 4.3 per cent.; sweet, 7 per cent.

#### ADVANCED REGISTRATION OF HOLSTEINS—FEEDING FOR TEST—AMOUNT OF GRAIN COW WILL REMASTICATE.

1. I am anxious to put three registered Holsteins in the Advanced Register. One is four years old and milking now; one of the others is due May 21st, and the other on June 10th. Will you please tell me how much milk and butter-fat they have to give to be eligible?

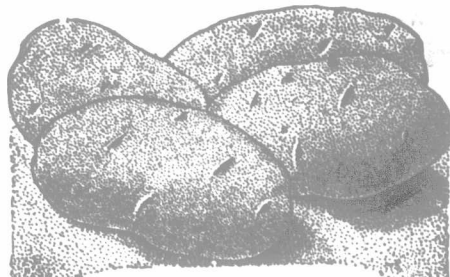
2. What is the best care the week before and at time of testing, also best ration with grass during test?

3. Has it ever been ascertained just what weight of grain a cow will raise and remasticate? A BEGINNER.

Ans.—1. For information re registry, write G. W. Clemons, Secretary Canadian Holstein-Friesian Association, St. George, Ont.

2. There is no particular rule to follow as to care or feed. Do the best you know how, that's all. Observe strict regularity in feeding, watering and milking. Keep heifers clean, comfortable and free from any annoyance. Till on pasture, feed a well-balanced ration, consisting of say, clover or alfalfa hay, corn silage and roots, along with a meal ration composed of wheat bran, 3 parts; shorts, 2 parts; pea meal, 1 part; cottonseed meal, 1 part; oil meal, 1 part, and corn meal, 1 part (by weight). How much of this to feed each animal must be left with the feeder's judgment. We doubt if it would be wise to give more than 2 or 3 pounds a day on pasture, and if the pasture is first-class, it is a question whether it is worth while feeding any meal at all.

3. Physiologists seem uncertain as to what proportion and amount of the meal is remasticated. The point is not of practical importance, since an extreme meal ration is never advisable.



### GOOD POTATOES BRING FANCY PRICES

To grow a large crop of good potatoes, the soil must contain plenty of Potash. Tomatoes, melons, cabbage, turnips, lettuce—in fact, all vegetables remove large quantities of Potash from the soil. Supply

## Potash

liberally by the use of fertilizers containing not less than 10 per cent. actual Potash. Better and more profitable yields are sure to follow.

Our pamphlets are not advertising circulars booming special fertilizers, but contain valuable information to farmers. Sent free for the asking. Write now.

**GERMAN KALI WORKS**  
93 Nassau Street, New York.

### 140 JERSEYS 140

to choose from. 74 First Prizes, 1904. We have what you want, male or female.

**B. H. BULL & SON, Brampton, Ont.**  
Phone 68. om

**Jerseys**—Bull calf for sale, from Dido of Pine Ridge, a granddaughter of One Hundred Per Cent, and sired by Ida's Sonny, a son of Canada's John Bull (the 5th Junior). Also Barred Rock eggs for sale, \$1 per setting of 13. **WILLIAM WILLIS, o Newmarket, Ont.**

**AYRSHIRES**, 4 choice bull calves four to service. Females all ages, bred for size and production. **DAVID LEITCH, Prices right.**  
Cornwall, G. T. R. **CORNWALL, ONT.**  
Apple Hill, C. P. R. om

### AYRSHIRES.

Almost all our spring calves are bulls. We have decided to sacrifice them, and now offer the March calves at \$15 each, with registered certificate and express prepaid to any station in Canada. All got by imported sires. There are no culls nor from cull cows. This offer is good to May 15th only.

**"THE HUME FARM"**  
**ALEX. HUME & CO., MENIE, ONT.**  
Hoard's Stn.

### WOODROFFE AYRSHIRES

25 head for sale, 4 to 20 months old, from cows named in my herd record, and sired by lat-prize bull at St. Louis World's Fair.  
**YORKSHIRE SWINE** of best breeding always on hand at moderate prices. Terms to suit purchasers. Inspection invited.

**J. G. CLARK, - Ottawa, Canada.**

## AYRSHIRES

Do you want to get a grand young bull or heifer, with breeding and individuality as good as the best? If so, write to

**W. W. BALLANTYNE,**  
Stratford Stn. and P. O., Ontario.

### MAPLE CLIFF DAIRY AND STOCK FARM

Breeder of Clydesdale Horses, Ayrshire Cattle, Berkshire and Tamworth Pigs. Young stock for sale at all times.

**B. H. BULL & SON, - Hintonburg, Ont.**  
Farm adjoins Central Experimental Farm.

### AYRSHIRES FROM A PRIZE-WINNING HERD

Hover-a-Blink, one of my stock bulls, and heifers for sale at reasonable prices. For particulars, etc., write to **WM. STEWART & SON,**  
Campbellford Stn. o Menie P. O., Ont.

**Springbrook Ayrshires** are heavy milkers and high testers. For sale: Three bulls, 9 months old; 2 bull calves, dropped in January last; also females of all ages.

**W. F. STEPHEN,**  
P. O. box 101. o Huntingdon, Que.

### FOR SALE: HIGH-CLASS AYRSHIRES

Special offering for next 30 days: Two cows at \$65 each; one bull calf, \$35; one yearling bull, \$45; also a few heifer calves, from \$20 to \$40 each, according to age. Poultry—Eggs for hatching, from W. Wyandottes, Silver-gray Dorkings, B. P. Rocks, Houdans and Black Spanish at \$2 per 15 eggs. All correspondence cheerfully answered.

**WILLIAM THORN,**  
Trout Run Stock Farm, Lynedoch, Ont.

### MEADOWSIDE FARM

Ayrshire Cattle, Shropshire Sheep, Berkshire Pigs, R. P. Rocks and B. Orpingtons. Eggs for hatching \$1 per doz. Young stock for sale.

**A. H. YULL, Carleton Place, Ont.**

**Maple Grove Holsteins**—In official tests they stand 1st for cow, 1st for 3-year-old, 1st 2-year-old and 1st under 2 years old. Special inducements are offered in high-class bulls to quick purchasers. For particulars address,

**H. BOLLEKT, Chasell, Ont.**

In answering any advertisement on this page, kindly mention the FARMER'S ADVOCATE.