



MEADOWGRASS 2nd

Property of Robt. J. Fleming. Greatest Jersey cow ever exhibited in Canada.  
Grandam of Ursanne's Raleigh.

We cannot supply the demand for bulls of Raleigh Meadowgrass breeding.  
Therefore, we will pay

## \$100 A PIECE

for the first five bull calves sired by URSANNE'S RALEIGH, the Jersey bull we are now offering for sale, provided that these calves are from dams that have R.O.P. records of at least 500 lbs. fat, and are from accredited herds. Calves to be delivered to us at six months of age. We make these restrictions in order to protect our customers in every way. The lucky purchaser of this young bull should get considerable more than this for these calves. However, he is at least assured of getting his money back with his first five bull calves. He can keep the heifers. Here is a rare opportunity to get a son of Raleigh Meadowgrass out of a great cow, and a ready market guaranteed for his progeny.

Particulars of URSANNE'S RALEIGH: Bred by Pickering Farms, Whitby, Ont. Born July 25th, 1920. Solid color, black tongue and switch.

Ursanne's  
Raleigh

### Raleigh Meadowgrass —7509—

Grand champion Toronto, 1916 and 1918. Never defeated in show-ring. Son of the most sensational cow ever exhibited in Canada. His get were prominent winners at the recent Canadian National Exhibition.

One of the greatest sires ever in Canada.

### Ursanne 5th —6036—

A beautiful young dairy cow of pleasing type, imported from England. A granddaughter of Oxford Lad, Eminent 2nd, and Melvina's Queen, winner of certificate of Merit in public butter test. The right kind of dam for a herd bull.

First wire of acceptance takes him at \$500, crated and transferred, f.o.b. Pickering, Ont.

**R. J. FLEMING, 92 King St. East, Toronto, Ont.**

N.B.—Just five sons of Raleigh Meadowgrass left in our herd. Two that we have kept for our exclusive use and not for sale at any price, and three calves under three months of age.

### Allendale Raleigh 109356

Grand champion at National Dairy Show, Chicago, 1914, as a yearling. Winner of many prizes. A son of fairy Glen's Raleigh, a noted dairy sire, and Golden Maid of Jersey, a famous daughter of Golden Maid's Prince.

### Meadowgrass 2nd —872—

First over Jersey 1909, first Toronto 1909, grand champion Toronto 1911, 1912, 1914, 1916, a record unequalled by any other cow in Canada. Magnificent dairy cow.

### Melvin 11428

A grandson of Bright Prince. Bred by G. P. Roy, St. Brelades, Jersey and imported into England by Dr. Corner to head his well-known herd. His dam won a certificate of Merit in public butter test.

### Ursanne 4th. Vol. 23, page 432.

Gave 9,980 lbs. milk, Oct. 1, 1912—Sept. 30, 1913. Daughter of Oxford Lad, progenitor of the Island's greatest dairy family.

## Questions and Answers.

### Miscellaneous.

#### Cows Failing in Milk.

We have a herd of eight cows that were fed a half bushel of mangels and a half bushel of silage night and morning and silage at noon. They have access to a creek where there is plenty of water and pick around the strawstack when out. They are gaining in flesh, but failing in milk. What is the cause? W. A.

Ans.—If you want the milk flow to keep up, a little grain should be added to the ration. Of course, it is just possible that your cows put the feed on their backs instead of in the pail; if so, feeding grain would not increase the milk flow. Three parts of oats, one part bran, and ten or fifteen per cent. of oil cake would be a very good mixture to feed. The amount to feed would depend upon the milk flow. About a pound to four pounds of milk would be fairly satisfactory.

#### Red Clover Chaff — Crippled pig.

I have straw from red clover. Would it be all right to feed to milk cows with silage and turnips?

2. I have a sow weighing about 400 pounds which seems to be powerless in the hind legs. What is the cause and remedy? H. W.

1. This should make very good feed when mixed with silage.

2. It is possible that the sow has become injured in the back, causing a partial paralysis. Applying hot poultices to the small of the back may bring relief, but we doubt if the sow will ever be right.

## SPRINGBANK AYRSHIRE HERD SIRE

We have a few young bulls from R.O.P. dams and sired by Humeshaugh Invincible Peter, our show herd sire. We would also sell this sire guaranteed right in every way. Our herd holds more championship records for production than any other herd in Canada. We would be pleased to send the list. We can also spare a few females—cows and heifers.

A. S. TURNER & SON (3 miles south of Hamilton) Ryckmans Corners, Ont.

**Ayrshires—Yorkshires**—If you want a few large and well-developed Ayrshire heifers good enough to win in the show-ring, we would like to have you call and see our present offering. From R.O.P. dams and sired by Snow King, the great show bull. Write us also for Yorkshire litters.

JAS. B. ROSS, Streetsville C.P.R., Stop 38, Guelph Radial, Meadowvale, Ont.

**Inglewood Farm R. O. P. Ayrshires**—This herd has passed the first test for accreditation without a reactor. Our foundation cow has a record of 16,038 lbs. milk. Her first daughter was a cup-winner, and her first granddaughter has just completed a 2-year-old record of over 10,000 lbs. We cordially invite you to see these females. Present offering: Bull calves only.

WILSON McPHERSON & SONS, St. Anns, Ont.

## BURNSIDE FARM AYRSHIRES

We have at present a number of imported and Canadian-bred young bulls that are from good record dams and ready for service. We can also supply females of all ages, including a large number of good imported heifers. Many of these are well forward in calf to Old Country service.

R. R. NESS & SON, Howick, Que.

### Sweet Clover—De-horning.

Last spring I seeded 30 acres to white-blossomed sweet clover and there is a very promising catch. Could I cut a crop of hay and then have the second cutting for seed? What is the prospect for the sweet clover market?

2. I have a cow due to freshen in April which I wish to dehorn. Would it have any bad effect on the cow? What is the most humane way of de-horning? A. J. F.

Ans.—1. When cutting the first crop for hay one must be careful to cut high enough to leave some young growth on the stubble, if a second cutting is desired. The hay crop must be cut early and the second growth will mature for seed.

Apparently there is a large quantity of sweet clover seed for sale this fall and the price of seed for next spring's seeding is not likely to be as high as that in the past.

2. It should not have a bad effect on the cow, and the most humane way is to use the dehorning shears, although the horns can be removed with the saw. If there should be much bleeding, a small rope tied around the base of the horn and twisted tight will tend to stop it.

### Goats.

Where can I buy goats? T. M.

Ans.—An advertisement placed in our "Want" columns will put you in touch with someone having goats for sale, or you might write G. Pilmer, Victoria, B. C., Secretary of the Goat Society.

## INTERNATIONAL STOCK TONIC

The undisputed Conditioner and Worm Expeller

Quickly puts ill-conditioned horses into fine fettle. Increases the quantity of milk and lengthens the milking period in cows. Builds chunky, healthy hogs, free from worms and disease, and brings them to a marketable condition in a shorter period.

Good digestion in stock means good health, and good health is the dollars and cents value your live stock represent to you. INTERNATIONAL STOCK TONIC promotes good health by assisting digestion and proper assimilation of food. Its gentle action on the kidneys helps them to throw off all poisonous wastes from the system, purifying and enriching the blood and thoroughly building up the system in run-down stock. The use of INTERNATIONAL STOCK TONIC will keep your stock in the highest state of productiveness the year round at a trifling cost.

### THREE FEEDS FOR ONE CENT

Convince yourself by trying it on the worst conditioned animal you own—the results will amaze you.

Dealers from coast to coast sell INTERNATIONAL in 40c., 75c., \$1.35, \$1.75 packages, and in 25 lb. pails at \$8.75. If yours has none write INTERNATIONAL STOCK FOOD CO. Limited TORONTO

## Prospect Farm Jerseys

—Herd sire, Torono of Prospect Farm 12094, whose sire Lous Torono 106614, dam and both grandams, have an average R.O.M. record of 14,261 lbs. milk and 966 lbs. butter, 85 per cent. fat. Lous Torono is a grandson of Hood Farm Pogis 9th, 55552, and Hood Farm Torono 60326, both Gold Medal bulls. Torono of Prospect Farm, dam Keetsa 333656, has a 2-year record of 10,627 lbs. milk, 617 lbs., 85 per cent. butter, and on retest has milked 60 lbs. milk a day. She is a daughter of Hood Farm Torono 99265, whose first 17 daughters, as 2-year-olds, averaged 8,746 lbs. milk and 600.01 lbs. butter, 85 per cent. fat. We have for sale young bulls sired by Torono of Prospect Farm and from R.O.P. cows, also choice young bulls sired by Brampton Bright Togo 5760, and cows and heifers bred to Torono of Prospect Farm, due to calve Sept. and Oct. Pure-breds and high-grades. The high-grades will make choice family cows.

R. & A. H. BAIRD, R. R. 1, New Hamburg, Ont.

## BRAMPTON JERSEYS

THE LARGEST JERSEY HERD IN THE BRITISH EMPIRE

At Toronto Exhibition, 1919, we won twenty-five of twenty-seven first prizes. We now have for sale first-prize young bulls from R. O. P. dams, as well as females of all ages.

## B. H. BULL & SONS

Brampton, Ontario

The  
Woodview Farm  
Jerseys  
London, Ontario  
JNO. PRINGLE, Prop.

CANADA'S MOST BEAUTIFUL JERSEY HERD  
Herd headed by Imported Champion Rower, winner of first prize with five of his daughters on the Island of Jersey, 1914, second in 1916, and again first in 1917. We are now offering for sale some very choice bull calves, ready for service, sired by imported bulls and from Record of Performance imported prize-winning cows. Also some cows and heifers. Prices right. We work our show cows and show our work cows.

## DON HERD OF PRODUCING JERSEYS

We have three young bulls of serviceable age—good individuals and priced right. Could also spare a few choice bred heifers. Visitors welcome.

D. DUNCAN & SON,

TODMORDEN, ONT.

### TEN THOUSAND DOLLAR JERSEY BULL

They have sold that high all right, but we are not asking that money for ours. We now have ten youngsters, half of which are of serviceable age and all from good record R.O.P. dams, including one from our Canadian Champion, 3-year-old. They run from \$125 up. We guarantee the price and guarantee the bull. Write us also for females. PAPPLE BROS., Brantford, Ont., R.R. No. 1 (Cainsville G.T.R., T. H. & B. Stop 27, Brantford-Hamilton Radial).

**Glenhurst Ayrshires**—Headed by Mansfield Maines Sir Douglas Hague, No. 16163 Imp., have been noted for their depth and size, good teats and smoothness of conformation. If you are looking for a combination of size, type and production—plus high butter-fat—write me or visit the farm. Males and females of all ages for sale. James Benning, Summertown Sta., G.T.R. Williamstown, C.P.R. Bell Telephone 78-3 Cornwall.

## Gasoline Engine Troubles.

I have a 3½-H.P. gasoline engine; horizontal type. And the trouble is the engine will run after I shut the magneto off. When the engine gets warmed up it runs off of a magneto. This trouble is what is called free eximission is it not? What can I do to prevent this trouble? The engine runs quite hot at any time. The only way that I can stop it is to unscrew the gasoline point. Can you tell me what I can do to prevent this trouble? Ans.—If the engine runs hot I would make sure first that the cooling and oiling systems are working properly. If they be all right I would examine the cylinder, by removing the head for deposits of carbon on ignition points and wall of cylinder. This can be cleaned off by gasoline. This carbonizing of the cylinder may be due to poor carburetion or bad quality of fuel. If the trouble still persists, I would adjust the magneto to retard the spark, in order to prevent probable pre-ignition in the cylinder. This retarding of the spark is accomplished by changing the position of a small bolt in a slot of the small wheel attached to the opposite end of the cam shaft, that has the cam for operating the valves. In all probability the trouble is due to a dirty cylinder and this adjustment need not be made. R. R. G.

W. Readhead, the Hereford breeder at Milton, writes that he has recently sold the two-year-old show heifer, Rosalie 2nd, to H. R. Parsons, of Cayuga, who is laying the foundation of a herd. J. T. Ayers, of Quebec, purchased six yearling heifers bred to Real Ace. This is a repeat order. The herd went into winter quarters in nice shape.