

## THE Omega Milking Machine

has these advantages over other machines. Transparent celluloid milking tubes instead of rubber ones, which harbor germs and are difficult to clean. Pail and teat-cups are suspended from the back of the animal. The udder has no weight to carry. The pail cannot be knocked over and the teat-cups cannot fall on the stable floor and suck up straw or filth. The Omega milks fast and milks clean.

### Omega the Best by Test

The Omega is used and recommended by Mr. R. R. Ness, of Howick, Quebec, one of the largest importers and breeders of record Ayrshire cattle in Canada. He writes regarding the Omega as follows:—"It certainly has all other machines beaten in point of cleanliness, with those celluloid tubes instead of rubber. The pail hanging on the cow's back never touching the floor, the position in which the teat-cups are held insuring the most cleanly way of milking known to-day."

WRITE NOW for our FREE illustrated booklet, describing the many superior features of the OMEGA.

**C. RICHARDSON & CO.**  
ST. MARY'S, ONTARIO

## Cream Wanted

Ship your cream to us.  
We pay all express charges. We supply cans. We remit daily. We guarantee highest market price.

**Ontario Creameries, Limited**  
London, Ontario

Twenty-Five Years Breeding REGISTERED

## Jerseys and Berkshires

We have bred over one half the world's Jersey champions for large yearly production at the pail. We bred and have in service the two grand champion Berkshire boars. If you need a sire for improvement, write us for literature, description and prices.

HOOD FARM, LOWELL, MASS.

## AYRSHIRE COWS

are heavy milk producers, rich in butter-fat and very prolific.

WRITE W. F. STEPHEN, Secretary  
**CANADIAN AYRSHIRE BREEDERS' ASS'N**  
Box 513, Huntingdon, Quebec

## Fernbrook Ayrshires

Young bulls for sale (out of R. O. P. dams) from one to fifteen months old; tracing closely to the world's champions, Garclough May Mischief and Jean Armour.

**COLLIER BROS., Beachville, Ontario**  
(OXFORD COUNTY)

Kelso Farm R. O. P. Ayrshires. Herd headed by Palmston Speculation Imp. We never had a stronger line-up of R. O. P. producers than we have at present. Our 1917-1918 young bulls are sure to please. D. A. MacFarlane, Cars Crossing, G. T. R., Athelstan N. Y. C.; Kelso, Que.

**Choice Offering in Ayrshires**  
At Special Prices. Several young bulls of serviceable ages. All from R. O. P. sires and dams. Come and see them.  
John A. Morrison, Mount Elgin, Ontario

**Glencairn Ayrshires** Herd established ability from 8,600 to 11,022 lbs. If that sort of production appeals to you, we have heifers all ages and young bulls for sale. Thos. J. McCormick, Rockton, Ont. Copetown Station, G. T. R.

**CITY VIEW AYRSHIRES**  
One bull, ten months old; dam's R.O.P., 6,500 lbs. milk, 4.64% fat as a two-year-old. Several bull calves—might spare a few females. R.-C. and S.-C. Reds, White Wyandottes—eggs for setting now ready. James Begg & Son, St. Thomas, Ont.

## Questions and Answers. Miscellaneous.

### Fertilizer for Garden.

What fertilizer would you advise applying to a vegetable garden. Stable manure is difficult to secure. Would it be advisable to throw the fertilizer on top of the snow?

A. C.

Ans.—As a rule, nitrate of soda, acid phosphate, and muriate of sulphate of potash are the commercial fertilizers usually applied to garden soil. The nitrate of soda and potash are very difficult to secure at the present time. If they could be purchased, the amount recommended for such crops as onions, celery, cabbage, etc., is around 200 lbs. of nitrate of soda, 400 lbs. of acid phosphate, and 160 lbs. of potash to the acre. The acid phosphate might be applied early, but the nitrate is very readily available and should be put on just before the crop is sown. In fact, part of the quantity might be saved and sprinkled along the rows after the plants are up. This material forces rapid growth. If wood ashes could be secured, they would supply a quantity of potash.

### Twitich Grass—Feeds for Cows.

A rents a farm to B for seven years and then sells it to C, subject to the lease. To whom should B pay the rent? If there was no agreement, could C collect if the rent were paid to A?

2. What is the best method of eradicating twitich grass?

3. Could a rich sod be worked down sufficiently fine for corn, beans, potatoes, peas and turnips this spring?

4. What would be the difference in rent for a fertile soil, but very bad with twitich grass and sow thistle, and the same farm clean and free from foul weeds?

5. What are some of the best concentrates to feed a milk cow along with oat straw, turnips and oat chop? I feed about half a bushel of turnips and a gallon of chop to each animal.

6. Does silage make a satisfactory feed for spring and summer? A. M.

Ans.—1. As A sold the farm subject to the lease, B would pay the rent to the owner unless otherwise specified in the agreement.

2. Twitich grass is a rather bad weed to eradicate, owing to the fact that the roots drag on the cultivating implements. The roots also possess great vitality. Summer-fallowing is about the only way to thoroughly clean the field. However, modification of what is generally known as a summer-fallow may be followed with a fair degree of success. When the crop is harvested, gang-plow the field and then work it regularly with a spring-tooth cultivator. This will bring many of the roots to the surface. If the field is very bad with twitich grass, it will pay to use a hay rake to rake up the roots and burn them. Before winter sets in the field could be again plowed. Regular cultivation should start again the next spring. During the hot days of June is possibly the best time to kill weeds with creeping root stalks. If the weather is at all dry during June, the weeds will be practically eradicated by regular and systematic cultivation. In order to avoid losing a crop rape may be sown in rows any time from the first to the tenth of July. This permits of using the cultivator to destroy any young roots which might have escaped the previous cultivation. Rape will give an abundance of feed for sheep or cattle.

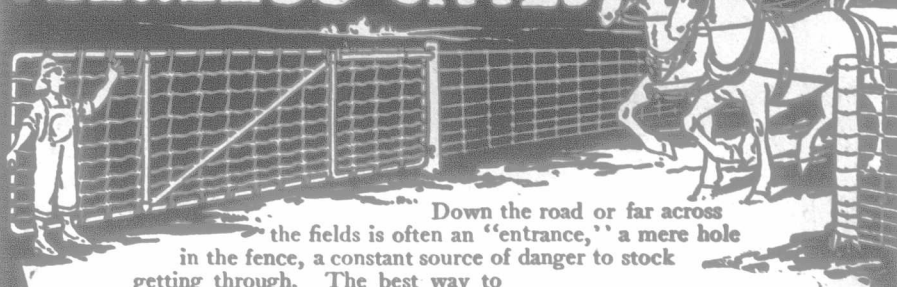
3. Corn, beans, potatoes and peas usually do well on good sod. It may be a little difficult to get the sod worked sufficiently to permit of drilling up for the turnips without bringing a lot of unrotted sod to the surface. If you can get sufficient loose earth on the top to make turnip drills, the turnips will do all right unless the season should turn out to be very dry.

4. The difference would depend somewhat on the nature of the crop grown. It is a question which is rather hard to decide. While the clean farm might be worth \$2 or thereabouts an acre more per year, than the same land if it were dirty, we doubt if in actual experience that difference would be paid.

5. Oil cake or cotton-seed meal would be found a very good concentrate for milk cows. For cows in full milk, a pound or two a day of either feed might be given.

6. Silage is good spring and summer feed for cattle. Dairymen in particular like to have a little silage left over for feed during the usual summer drouth.

## PEERLESS GATES



Down the road or far across the fields is often an "entrance," a mere hole in the fence, a constant source of danger to stock getting through. The best way to

### Keep Your Stock Where You Want Them

is to provide real gates, strong and durable. All Peerless Farm Gates are of heavy open hearth steel wire on strong tubular steel frames electrically welded in one solid piece, and braced like a steel bridge. No sag, no rust, no wearing out. Ask your dealer to show you Peerless Gates, also Peerless Perfection Farm and Poultry fencing with the famous Peerless lock at all intersections.

SEND TODAY FOR CATALOG.

It tells you how to put up a fence to "stay put."

The Banwell-Hoxie Wire Fence Co., Ltd.  
Winnipeg, Manitoba Hamilton, Ontario

## GREAT DISPERSAL SALE BY AUCTION OF

## 35 Head of Registered Jerseys

I will sell at my farm, 1 mile west of Dorchester on Hamilton Road, my entire herd of Jerseys on

**WEDNESDAY, MARCH 27, 1918**

Sale Starts at 1 p.m.

The herd is headed by Olines Oxford You'll Do. He is closely related on his sire's side to Oxford You'll Do, the greatest Jersey bull living, and on his dam's side to "Champion Flying Fox", who sold at auction for \$7,500.00. Among the matrons of the herd is Pride of Riverside, which gave on an average for a week, 54 lbs of milk a day, and a testing of 5.7%. Five of her daughters are in this sale.

Two Chester White sows (registered) in pig to registered boar.

TERMS: Cash, or 6 months' credit on bankable paper with interest at 6%.

Trains will be met at Dorchester. For full particulars write:—

**CHAS. E. ROGERS, Ingersoll, Ontario, Proprietor**

ALEX. ROSE, Auctioneer

THE WOODVIEW FARM  
**JERSEYS**  
LONDON, ONTARIO  
Jno. Pringle, Proprietor

CANADA'S MOST BEAUTIFUL JERSEY HERD

Imported Champion Rower at its head.

This bull, with his get, won first prize on the island of Jersey, 1914, second in 1916, and again first in 1917. Present offering—A few yearling heifers in calf to our great young bull, Woodview Bright Prince (7788), and bred from imported sire and dams. We show our work cows and work our show cows.

## BRAMPTON JERSEYS

SPECIAL OFFERING of fresh cows, in-calf heifers and Island bred bulls. Nearly all of the Champion R.O.P. cows are directly descended from the Brampton Herd. Buy at the fountain head.

B. H. BULL & SON BRAMPTON, ONT.

## RECORD OF PERFORMANCE JERSEYS

Choice Bulls and Females. We have six young bulls of serviceable age, all from R.O.P. dams. Three are by our senior sire, Brampton Dairy Farmer, and three are by our junior sire, Brampton Bright Togo. Write for records. We also have females.

R. & A. H. BAIRD (G.T.R. Stations—New Hamburg, Bright.) NEW HAMBURG, ONT.

## THE EDGELEY CHAMPION HERD OF JERSEYS

Write us about your next herd sire. We now have sons of our present herd sire, Edgeley's Bright Prince, who is a son of Canada's champion butter cow, Sunbeam of Edgely. Pay us a visit. Sunbeam of Edgely is not the only high-record cow we have. We are pleased to show our herd at all times.

JAMES BAGG & SONS (Woodbridge, C.P.R., Concord, G.T.R.) EDGELEY, ONT.

## SIXTH CONSIGNMENT SALE OF

## 50 Head Pure-Bred Ayrshire Cattle

FROM THE HERDS OF THE

**SOUTHERN COUNTIES AYRSHIRE BREEDERS' CLUB**

to be held at Dr. Rudd's Sale Stable, Woodstock, Ont.

**March 27th, 1918**

AT 1 P.M.

In this sale will be found representatives of the greatest producing strains of Ayrshires in Canada. JEAN ARMOUR, ex-world's champion; LADY JANE, Canadian R.O.P. champion cow; SCOTCH THISTLE, Canadian R.O.P. champion three-year-old; and LENORE, 2nd ex-champion butter-fat producer in 2-year-old class, were all bred by members of our club. In this sale, we believe, we have the best lot of cattle yet offered at any of our sales. There will be a few choice young bulls.

Write the secretary for a catalogue, with full details of the sale.

F. H. Harris, Mt. Elgin, Ont.  
President

John McKee, Norwich, Ont.  
Sec.-Treasurer and Sale Manager

MOORE & DEAN, AUCTIONEERS

## GLENHURST AYRSHIRES — ESTABLISHED 50 YEARS.

For a half-century Glenhurst Ayrshires have been noted for their depth and size, good teats and smoothness of conformation. Our famous Flos family has produced dozens of 60 and 65-lb.-a-day cows, many on twice-a-day milkings. We have young bulls up to twelve months, and females all ages. If you are looking for a combination of size, type and production—plus high butter-fat—write me or visit the farm. JAS. BENNING, Summerstown, G.T.R., Williamstown, G.T.R., Williamstown, Ont.

## RAVENSDALE AYRSHIRES

A few splendid 12-months-old bulls, out of R.O.P. and imp. high-testing dams. January test averaged 4.6%; also younger bulls and heifers. I have three registered Clydsdales for sale, eight months old. Write for prices or come and see stock. W. F. KAY, PHILIPSBURG, QUEBEC 50 miles south of Montreal. St. Armand Station, G.T.R.

## SPRING BANK R. O. P. AYRSHIRES

Herd Sires; Netherton King Theodore Imp., and Humeshaugh Invincible. Grand champion London, 1917. Our herd at present holds the Canadian records for both milk and butter in the two-year, three-year and the mature classes. Let us tell you about the daughters of Netherton King Theodore. We have sons of both bulls for sale—all have R. O. P. dams. Visitors met at Hamilton by appointment. A. S. TURNER & SON (3 miles from Hamilton) RYCKMAN'S CORNERS, ONT.