

TOP dress all your crops with Nitrate of Soda alone, no matter what other fertilizers you may have used. 100 pounds to the acre for seeded, and 200 pounds to the acre for cultivated crops will do the work. The increase will yield large profit over the cost.

Our really attractive and interesting books sent free. Write on post card for these money makers

WILLIAM S. MYERS, Director
25 Madison Avenue, New York

**Better Butter—
Bigger Profits!**



If you wish your butter to be smooth and uniform, use the

"BRITISH" Butter Worker

Adopted by the best dairies in Gt. Britain and Canada. Makes the butter firm—even consistent all through. Results in better butter and bigger profits!

Sold by dealers everywhere.
Three sizes—14 in., 17 in. and 20 in. wide.

MAXWELLS LTD. - St. Mary's, Ont.

Holstein Heifer Calves

From heavy-milking, high-testing, unregistered cows, and sired by the great show bull, Sir C. Anthia, \$15 each. Registered heifer calves, with certificate, \$35 each. An extra choice bull calf for sale, calving February 9th, from imported dam, with yearly record of 19,000 lbs. Price only \$40.

CHOICE SELECTED SEED CORN
Wisconsin No. 7, the best Dent corn in the world. Germination test 95 per cent. and over. \$2.25 per bushel. Bags free.

GLENORO STOCK FARM
Rodney Ontario

Walnut Grove Holsteins

Herd headed by May Echo Champion, full broths of May Echo Sylvia, who made 36 lbs. butter in seven days. Females for sale from one year old upwards. Prices right for quick sale.

C.R. JAMES, Langstaff P. O., Ontario
Phone Thornhill

19 BULLS--HOLSTEINS

From 18 months down. Grandsons of "King Fayne Segis" "King Segis Pontiac," "Rag Apple Korndyke 8th"—the best of the breed. Write us giving particulars as to your requirements.

R. M. Holthy, R.R. 4, Port Perry, Ont.

Lyndenwood Holsteins

Present Offering: 1 yearling bull from a 22 lb two-year-old, sired by a son of a 29 lb four-year-old; 3 bull calves from high-testing dams; also a few choice young cows and heifers.

W. J. BAILEY, Jarvis, Ont.

BULLS, BULLS. We have several young Holstein bulls for sale. Sired by the great Bull King Segis Pontiac Duplicate, and our Junior Herd Bull, Pontiac Hengerveld Dietertie and from High Testing Dams. Prices low for the quality. Write and get them. Manchester, G.T.R. and Myer's C.P.R. stations. Bell Phone.

R. W. Walker & Sons, R.R. 4, Port Perry, Ont.

Alderley Edge Ayrshires

Two yearling bulls sired by Lakeside Day Star (Mortons Main Planet). Write for description. **R. KENNEDY KNOWLTON, QUE.**

Questions and Answers. Miscellaneous.

Linseed Meal for Calves.

Which is better to feed with skim-milk for young calves, cotton-seed meal or linseed meal? Should it be fed cooked or raw?
A. L. G.

Ans.—Linseed meal is used in preference to cottonseed meal for young calves. It may be fed either way, although making the meal into a jelly with hot water and then adding it to the milk is the customary way of feeding it. After the calves are three or four months old, feeding the meal dry along with other concentrates will probably give as satisfactory results as giving it in the milk.

A Siphon to Draw the Water.

I have a well on a side hill and I want to pipe the water twenty rods. The outlet will be lower than the bottom of the well.

1. Does a siphon work satisfactorily?
2. Kindly explain to me how to put in the system and how to have it fixed to get the pipe filled with water to start it from time to time in case it stops.
3. Can you direct me to anyone who has a system of this kind working satisfactorily?

Ans.—1. If there is no leak in the pipe and the outlet is below the source of supply the water should continue to flow satisfactorily once it is started.

2. The principle is to have the delivery pipe longer and the outlet lower than the pipe in the well. All joints in the pipe must be air-tight. The pipe is filled with water to start with and when the water starts flowing from the delivery pipe it tends to cause a vacuum which draws the water from the source, and water should continue to flow so long as the supply lasts and the pipes are air-tight. A suction pump may be used for filling the pipes to start the system working, or a pipe supplied with a stop-cock may be attached to the highest point in the system and can be used for filling the pipes with water. The attachments would have to be air-tight and air prevented from entering the pipe at time it was being filled with water.

3. We cannot recollect just at present where this system is being used.

Building a Silo.

We have a cement cistern 7 by 7 by 8 feet with a 11 inch wall above ground and 12 inch wall below ground. The foundation is built on solid rock and sheltered from the North winds. It gives perfect satisfaction. As we need a silo, we would like to convert this into one it would save the hay. How much seed and land would it take to grow enough corn to fill it? How much silage would that be?

2. How many yards are there in one-twentieth of an acre?
3. Holstein cow had lice during the winter and since then there is small sores on the neck and shoulders they seem irritating. I have been using oil and boracic acid. What is the cause and what should I do?
M. S.

Ans.—1. A silo of the dimensions mentioned would hardly be practicable, as there would not be sufficient depth to secure weight enough to make good silage. The walls would be strong enough and by adding 12 feet of either concrete or matched lumber to the 8 feet of cistern wall you would have a more suitable silo. The corners should be rounded. Concrete could be used for this purpose. After the silo is filled the corn settles considerably. In order to have good silage the corn must go in firmly and air must be excluded. Wherever air gains access the silage spoils. A silo 7 feet in diameter and 20 feet deep would hold about 15 tons of silage. The number of acres of corn required to fill a silo of these dimensions would depend on the crop. The corn that would grow on about two acres should be sufficient. The amount of seed depends on the method of seeding. If sown in hills 12 inches apart about one peck per acre would be sufficient and two pecks if sown in drills.

2. In one-twentieth of an acre there are 212 square yards.

3. The sores were possibly caused by the cow rubbing against the stanchion or stall partitions. Boracic acid is a very good antiseptic. After using it the sores should be dressed with some healing lotion or carbolyzed oil.

DISPERSION SALE OF

36 Head of Pure-bred Holstein Cattle

Mr. C. C. Kettle, of Wilsonville, Ont., will sell by public auction, his entire herd of show-ring and high-producing Holsteins on

TUESDAY, MAY 2nd, 1916

Included in this offering are several first prize winners at London in 1915, and several have been prize-winners at Toronto Exhibitions. The cattle offered are all young, bred in the purple and in the pink of condition. This herd consists of descendants of such sires as Starlight Schuiling De Kol, Grace Fayne 2nd, Sir Mercena, Fairview Mercedes Korndyke and Ourville Colantha Sir Abbecker.

Trains will be met at Vanessa Station, T. H. & B. R. on day of sale. Connections made at Waterford, M. C. R. and G. T. R. at Brantford. Catalogues ready on April 20th.

COL. WILBY ALMAS, Auctioneer **L. H. LIPSIT, Manager** **C. C. Kettle, Prop.**

OAK PARK STOCK FARM

CHOICE HOLSTEIN-FRIESIANS

Senior herd sire, Lakeview Dutchland Hengerveld 2nd, 1st prize 2-year-old, Canadian National Exhibition, 1915, 34 sister is Lakeview Dutchland Artis, Canadian Champion Sr. 3-year-old, with 34.0 lbs. butter 7 days. His sire's full sister, world's champion sr. 2-year-old, with 22,645 lbs. milk in yearly work. Young bulls for sale out of R.O.M. dams. Prices and extended pedigrees on application. Phone Brantford 1102. Electric car line stops at farm. Visitors welcome.

W. G. BAILEY, PROP.

R. R. NO. 4 PARIS, ONT., CAN.

King Segis Pontiac Paul 15940

WE have for sale a few sons of the above bull, ready for service, and whose dams are large, heavy producing cows. Here is an opportunity to get the blood of KING SEGIS and KING OF THE PONTIACS at reasonable prices. Correspondence solicited.

Also Berkshire and Yorkshire Swine

Larkin Farms

Queenston Ontario

Lynden Farm Holsteins

The home of Plus Pontiac Artis, the champion 3-year-old in R.O.P. work with 21,000 lbs. milk, 88 lbs. butter one year, 30.85 lbs. butter 7 days at 4 years old, the only cow in Canada to produce 20,000 lbs. milk in 1 year, and to make over 30 lbs. butter in one week at next freshening. We are offering Plus Inka Artis, champion bull at Guelph, from same dam as above cow. He is a brother to May Echo Sylvia, 36.33, on sire's side. Also King Korndyke Evergreen, sired by son of Plus Pontiac Artis. He has 7 dams in pedigree over 20,000 lbs. milk each in one year. Also a few well bred young females. Write for prices, or come and see them.

Bell Phone.

S. LEMON & SONS, Lynden, Ont.

HOLSTEIN CATTLE

The only herd in America that has two sires in service whose dams average 119 lbs. milk a day and over 35 lbs. butter a week. Cows that will give 100 lbs. milk a day are what we are trying to breed. At present we have more of them than any other herd in Canada. We can supply foundation stock of this breeding. Visitors always welcome. Long-distance Phone.

D. C. FLATT & SON, R. R. 2, Hamilton, Ont.

HOSPITAL FOR INSANE, Hamilton, Ont. For Sale—HOLSTEIN BULLS varying in age from 1 to 11 months, from Record of Performance or Record of Merit dams and the grand bulls Sir Korndyke Wayne Dekol, grandson of Pontiac Korndyke, or Lakeview Dutchland Le Strange, a grandson of Count Hengerveld Fayne Dekol. Prices right. APPLY TO SUPERINTENDENT.

Lakeview Farm, Bronte, Ont. Offer for sale, sons and grandsons of 100-lb. cows; one is out of a 24.50 lb. 3-year-old daughter of Lakeview Rattler's 28.20 lbs., the latest Canadian champion 30-day butter cow 8 months after calving, and a half brother to L. D. Artis, 34.66-lb Canadian champion senior 3-yr-old. Terms to suit purchasers. **MAJOR E. F. OSLER, Prop.** **T. A. DAWSON, Mgr.**

Clover Bar Holsteins My special offering just now are some choice young bulls out of official record dams and sired by Count Mercedes Ormsby, whose dam has 3 30-lb. sisters, and a 24-lb. 4-year-old and a 21.06-lb. 3-year-old daughter and his sire was the great Sir Admiral Ormsby. Also a few females.

PETER SMITH, R.R. No. 3, Stratford, Ont. Stratford or Sebringville Stations.

QUEEN CITY HOLSTEINS Present Offering is 10 young bulls, from 6 to 14 months of age, the records of whose dams, sire's dam and her full sister, range from 28 to 32 lbs. They are sons of King Lyons Hengerveld Segis.

R. F. HICKS

Newtonbrook, Ont.

On T. & Y. Railroad Line

EVERGREEN STOCK FARM—REGISTERED HOLSTEINS

Present offering: Several bull and heifer calves; also a few yearling heifers bred and ready to breed. Write for prices and descriptions. Bell phone.

A. E. HULET

NORWICH, ONTARIO

Dumfries Farm Holsteins—Think this over—we have 175 head of Holsteins 50 cows milking, 25 heifers due to calve in the fall, and 100 calves from calves up to 2 years, as well as a dozen yearling bulls and anything you may select is for sale. Breeding and individuality the very best.

S. G. & ERLE KITCHEN, St. George, Ontario

Pioneer Farm Holstein Herd Has only one ready for service son of Canary Hartog, whose three near dams, one of these at 10 years old, average 30 lbs. butter in 7 days and 108 lbs. milk in one day. This fellow, 34 white, is a handsome son of a 1st prize snow Mechtild 2nd a 22.86 lb. sr. 3-year-old daughter of Prince Angie Mechtild. Also 7 or 8 yearling daughters averaging 14,800 lbs. milk in R. O. P.

WILBURN RIVERS, R. R. No. 5, INGERSOLL, ONT. Phone 343 L, Ingersoll Independent.

For Sale

Only three bull calves from our senior herd sire and a few from the junior herd sire left. In these is combined some of the richest testing blood of the breed. Also females of all ages, 75 or 80 head from which to choose.

M. L. Haley, & M. H. Haley.

Springford, Ont.

Fairview Stock Farm offers for sale two young Holstein bulls, sired by Schuiling Posch Prince whose dam and sire's dam have 27 1/2 lbs. butter-fat to their credit in a seven-day test. One bull is 16 months old the other 4 months old, and out of a Record of Merit cow. Prices right.

W. T. WHALE & SONS, Goldstone, Ont.

The
DI
a
GR

For this sr
this wonderf
—a necessity
clean out y
water off yo
tile drains to
do in one day
with picks a
for itself with
Send to d

Preston Car
97 Dover

A Su
Prize
Win
Made
Canada
THE CANADI

Dr. Lawraso
FOR C
25c, 50c, or 1.00
receipt of p
Dept. E. B. L.

JERSEY
M. G. RANSFORD
Jerseys for Sa
also heifer calves
dams. To present
bull, De La R
CHAS. E. RO