

Columbias Put GO into Engines
 Marine, auto and stationary engines run "smooth as silk" when hooked to Columbia Batteries. Lanterns blaze, bells clang, blasts roar—with COLUMBIAS. Made better each year for 27 years! Sold everywhere!

Canadian National Carbon Co., Limited
 93 Paton Road, Toronto
 Convenient Fishmarket spring ship building posts, no extra charge.

Columbia Batteries



Market the Milk
 Raise your calves and get the bigger money to which you are entitled. But do not feed the calf whole milk with butter fat worth \$600 a ton.

RAISE YOUR CALVES WITH BLATCHFORD'S CALF MEAL

Blatchford's Calf Meal
 The Recognized Milk Equal
 You get 100 gallons of rich milk food from 100 pounds of Blatchford's Calf Meal, and it costs you only one-fourth as much. It will make your calf grow fast and well. Blatchford's Calf Meal is composed of the elements which his live to improve milk substitutes. Blatchford's Calf Meal is thoroughly steam cooked, prevents bowel troubles and other diseases to improve milk substitutes. Blatchford's Calf Meal insures a quick, sturdy growth of young pigs at weaning time, without setback or faltering. Write us for our Free Book on "How to Raise Calves Cheaply and Successfully Without Milk".
 Steele, Briggs Seed Co., Toronto, Ont.

High Milk Records
 are made only by healthy cows. Keep yours in top-notch condition with **Pratt's Animal Regulator** 25c. up to \$1.50. Keeps appetite keen and digestion good. Sold on Money Back Guarantee.
 Pratt Food Co., Canada, Limited, Toronto 15

New Edition (264 Pages) of "Modern Silage Methods"
 Daily 20c
 ENTIRELY new book—new chapters—4,194 Yards of every type of silo—home made, at any brick, cement, tile, metal, pit, etc. Full of facts for your needs. Impartial suggestions for making most profits. 264 pages, 10 page index—Copyrighted Nov. 1914, covers 41 silage crops. Send for one book. Price 20c. Postage 1c. Write today. Mail with four-cent postage. Extra for 50c duty and postage. Mention this paper.
 SILVER MFG. CO., Salem, Ohio

Spruce Grove Holsteins
 SIR LYONS HINGERVOLD SEGIS 69859
 These are all those sons of the above sire, from 15 to 18 months old, from pure and high-producing cows.
 G. D. COOPER, Willowdale, Ont.
HOLSTEINS
 For sale—10 young bulls, from 1 to 11 months of age, bred by "King Segis" sire Sir Lyons Hingervold Segis, several sons of the above sire. "Duke" sire, one of the best.
 R. M. HOBBS, R. R. 4, Port Perry, Ont.

Questions and Answers. Miscellaneous.

Dorset Sheep.
 Is it advisable to breed Dorset sheep twice a year? If so, how soon after spring lambs arrive? E. F.
 Ans.—It is not an uncommon practice to breed Dorsets twice in one year. Breed so that the lambs will be ready for market when prices are usually the highest. Ewes may be bred almost any time of the year.

Silos.
 1. How many barrels of cement and gravel would be required to build a silo 15 feet by 30 feet, and 10 inches thick?
 2. Will a cement silo keep silage as well as a wooden one?
 3. Which would be the cheaper, wood or cement?

A SUBSCRIBER.
 Ans.—1. About 49 cubic yards of gravel and 41 barrels of cement, if the wall is built in the proportion of one part cement to eight parts gravel.
 2. Both wooden and cement silos are giving entire satisfaction.
 3. It would all depend on local conditions. Price of lumber, and distance the gravel would have to be hauled, would be factors to consider.

Alfalfa—Wire Worms—Mare Has Corns—Varieties of Potatoes.
 I have an excellent piece of alfalfa from which I would like to save some seed. Last year the second cutting was even better than the first, being nearly three feet long, but it lodged just as it started to flower. 1. Would this be good for seed, or is it too strong? 2. Which is better for seed, first or second cutting? 3. How should it be cut, with binder or mower? 4. When should it be cut? 5. How is it threshed, with clover huller or grain thresher? 6. I intend to plant corn in a field infested with wire worms. Is it advisable? 7. I have to buy my seed potatoes; name a few of the best late varieties for clay land? 8. Mare has corns in front foot. Is there a remedy? 9. I have two cows with blind quarters, and some say they inherit it. Is that right?

A SUBSCRIBER.
 Ans.—1. If good, plump seed forms in sufficient quantity to make it profitable, we see no reason why it should not be saved for seed.
 2. Seed is usually procured from the second cutting.
 3. The binder is frequently used for cutting alfalfa for seed. If a mower is used an attachment can be fastened to the cutting bar to gather the alfalfa, and a man following the mower could move the alfalfa to one side so neither mower wheels nor horses would thresh out the seed.
 4. Cut when the greater proportion of the seeds are hard, but not sufficiently ripe to shell too much. At this stage the majority of the pods are a dark brown color.
 5. The clover-huller is usually preferred, although alfalfa may be threshed with ordinary grain separators.
 6. We think not.
 7. Carman, Delaware, Empire State, Dooley, Green Mountain.
 8. It is advisable to remove the shoe and pare out the seat of the corn to see if there is an abscess, but do not remove more horn than is necessary. If matter has formed, allow it to escape, and poultice the foot for two or three days. If a corn, where pus has formed, does not heal readily, pass a red-hot iron into it and freely burn the diseased parts. If the discharge has a bad odor, it is possible that the pedal bone or lateral cartilage are involved; in which case the part should be opened out, the diseased portions removed, and the wound antiseptically attended to. After applying treatment, have a three-quarter or bar shoe put on.
 9. While it is doubtful if the blind quarter is inherited; it is believed that any weakness in the parts, may be hereditary.

YOUR CHANCE THE WEST IS CALLING.
 "Homes" Excursions to Western Canada at low fares via Canadian Pacific, each Tuesday, March 7th to Oct. 1st, inclusive. Particulars from any Canadian Pacific Agent, or W. B. Howard, District Passenger Agent, Toronto, Ont.

The Fifth Annual Sale of
THE OXFORD BREEDERS' CLUB on
Wednesday, March 15, 1916
80 PURE-BRED Holstein - Friesians
 THE BIGGEST AND THE BEST OF THE SEASON.

The place to buy the best cows is where most milk is produced. Oxford has long held the proud distinction of producing the most milk. The most of the winners of public tests come from Oxford. The greater part of the show cattle come from or were bred in or near Oxford. Do not miss the chance to get some of the best. Among the lot will be a 26-lb. cow, the great show bull, Prince Abbecker Mercena, a brother to a 34-lb. cow, and sire of 20 R.O.M. daughters, up to 24 lbs.; a son of a yearling heifer that gave 13,000 lbs. milk testing 4.6%; grand-daughters of King Walker, the greatest sire of milk producers of the breed (age considered) of Colantha Johanna Lad, who is rapidly forging to the front, and descendants of the best that breed has produced, such as King Segis Pontiac Korndyke and others. None better to be had. Come to Woodstock for a day's outing. Come and see the greatest sale of the season. Come and be with the biggest crowd gathered to see Oxford's great black and white cattle sold. It will be a day of instruction, a day of pleasure, and we hope a day of profit. **80 head of Pure-bred Holstein-Friesian cattle.** Terms: Six months' credit without interest.

WRITE TO SECRETARY FOR CATALOGUE.
W. E. THOMPSON, Secretary. **JAC. LEUSZLER, Manager.**
 Auctioneers: **T. MERRIT MOORE, WM. PULLIN.**

Second Annual Consignment Sale
 OF
50 Holstein - Friesian Cattle
 In AYLNER, at 1 o'clock on
Tuesday, March 14th, 1916
 The offering is gilt-edge—by the members of the East Elgin Holstein Breeders—and we say NOW is the time for the young breeder to make the start. Send for catalogue to Secretary of sale.
H. V. MANN, Secretary, AYLNER, ONT.
 Box 220 R.R. No. 4

RIVERSIDE HOLSTEINS
 Herd headed by King Johanna Pontiac Korndyke, a grandson of Pontiac Korndyke, and a brother of Pontiac Lady Korndyke, 38.02 lbs. butter in seven days, 156.92 in 30 days—world's record when made.
J. W. Richardson, R. R. No. 2, Caledonia, Ontario

Holstein Cattle
 The only herd in America that has two sires in service whose dams average 110 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.

Cloverlea Dairy Farm offers for sale a choice 33 lb. bull ready for immediate service. Write us for price and particulars. We have also a limited number of choice young bulls right. L. D. Phone.
GRIESBACH BROS., Collingwood, Ontario.

Clover Bar Holsteins My special offering just now are some choice young bulls Ormsby, whose dam has 334 lbs. butter, out of official record dams and sired by Count Mercedes and his sire was the great Sir Alfred 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 Hingervold Segis.
R. F. HICKS, Newtonbrook, Ont. On T. & Y. Railroad Line

For Sale---Sons of King Segis Walker
 From high-testing dams of Pontiac Korndyke. Photo and pedigree sent on application.
A. A. FAREWELL, OSHAWA, ONARIO

30-lb. BRED HOLSTEINS 30-lb.
 The home of Sir Sadie Korndyke Segis, sire King Segis DeKol Korndyke, who is the sire of the 4-yr-old 4-lb. cow, Dan Sade Corn poster Mianone, 31.74 butter. We have some of his bull calves for sale out of cows with records up to 20 lbs. Write for extended pedigree or come to see them.
D. B. TRACY, Cabourg, 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 Lakewood Dauchland Le-Strange, a grandson of Count Hingervold Segis. Prices right. APPLY TO SUPERINTENDENT.

MA...
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