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Don't Sell the Young Calf
BLATCHFORD'S CALF MEAL
Will Raise It Without Milk

There's big money and little trouble for you in raising your calf the Blatchford way. You save all the milk of the cow for market. As soon as the mother cow's milk is ready to sell, the calf is ready for **BLATCHFORD'S CALF MEAL**. For over a century the recognized milk feed for calves, at One-Fourth the Cost of Milk.

Composed of eleven different ingredients carefully proportioned and thoroughly cooked, producing a scientifically balanced ration for the young calf. Successfully used on thousands of American farms for over 30 years.

The Only Milk Equal Made in an Exclusive Calf Meal Factory. Unlike any of the So-Called Calf Meals Made of Raw Cereal By-Products.

Write for Free Illustrated Book on "How to Raise Calves Cheaply and Successfully Without Milk."
BLATCHFORD'S CALF MEAL FACTORY
Stark Briggs Seed Co., Toronto, Waukegan, Ill.

LEARN TO BE A CHAUFFEUR

The British Government want 1,000 chauffeurs. Let us qualify you either to go to the front or to take the place here of others who have gone—good chauffeurs are scarce.

All makes of gasoline motor engines, repairing, etc., thoroughly studied.

Our diploma qualifies you for Government chauffeur's licence examination.

Write to-day for particulars and free booklet. Classes now starting.

Ed. W. Cameron, Principal,
TORONTO AUTOMOBILE SCHOOL
86 Wellington Street West, Toronto, Ont.

AN EVEN BALANCE

It takes 300 lbs. of BRAN to supply as much PROTEIN as is contained in 100 lbs. of **"GOOD LUCK BRAND" COTTON SEED MEAL**.

For Prices and Feeding Directions write to **CRAMPSEY & KELLY**
TORONTO - ONTARIO

300 LBS. OF BRAN
LARGEST IMPORTERS OF COTTON SEED MEAL IN CANADA

Cotton Seed Meal
LINSEED MEAL
CALF MEAL
POULTRY FOODS, etc.

Write for prices.

H. FRALEIGH, Box 2, Forest, Ont.

HOLSTEIN BULLS

Twelve months and under from R.O.P. and R.O.M. cows and by such sires as "King Segis Pontiac Duplicate" and "King Fayne Segis Clothide." Settings of Indian Runner Ducks \$1.50 per setting.

R. M. HOLTBY
R. R. No. 4, Port Perry, Ontario

There is a Vast Difference Between Keeping **HOLSTEINS** and just keeping cows. ONE GOOD HOLSTEIN COW WILL DO THE WORK OF TWO OR THREE ORDINARY COWS. You save in feed, housing, risk and labor. Holstein cows milk longer, more per year, and more per life than any other breed. There's money for you in Holsteins.

W. A. CLEMONS
Sec'y H.-F. Association, St. George, Ontario

Maple Grove Holsteins

If you are in need of a bull to improve your dairy herd, and want one that you can feel proud of, then get a son of the great King Lyons Hengerveld. You can buy him right.

H. Bollert, R.R. No. 1, Tavistock

The Maples Holstein Herd

offers ready for service, sons of Prince Aargie Mechthilde from R.O.P. and R.O.M. sisters and dam of Duchess Wayne Calamity 2nd, Canadian Champion two-year-old for butter in R.O.P. 16714 lbs. milk, 84 lbs. butter. Write: **Walburn Rivers, R.R. No. 5, Ingersoll, Ont.**

THE FAIRVIEW HOLSTEIN HERD offers ready-for-service sons of Homestead Colantha Prince—3 nearest dams average over twenty-nine pounds of butter a week; also daughters from one week to two years old. Priced right.

FRED ABBOTT, MOSSLEY, ONT., R.R. No. 1

Questions and Answers.
Miscellaneous.

Keeping Cows in Stable Constantly.
Please advise as to the following practice, which is carried out by quite a large number of farmers, viz.: That of putting cattle in stable at the close of autumn season and only letting them out when spring opens up and pasture is ready. In the meantime they have been fed and watered all winter through, tied up in their stalls, and only let out on an average once every ten days or two weeks, and then only for two or three hours each time, being as long as three weeks and a month without being vented.

1. What effect has it on a cow in calf?
2. Is it the cause of cows not cleaning promptly when delivered of their calves or putting out calf bed? Does it have any effect on the cow's milk, and is diarrhea in calves due or caused by this stationery confinement of cows? Would you consider it a case for the attention of the Society for Prevention of Cruelty to Animals?

ENQUIRER.

Ans.—1 and 2. This system of stabling cows is not by any means best, for all animals require exercise in order that they may be maintained in the best possible health. They should have freedom in the open air, with opportunities or exercise, and often in the summer-time this is best provided at night, as heat and flies are more injurious than confinement in a cool stable. However, there are dairy farms where the owners find it more profitable to maintain the cows under close confinement. In time it may so affect the herd as to cause trouble at time of parturition. We cannot see that it would have any effect upon the quality of the cows' milk, neither would it cause diarrhea in calves, except that the calves might not be so strong physically when born, and thus more susceptible to digestive troubles. As before stated, it has been found expedient on some farms to keep the cows tied or in stalls almost constantly; it is not on the whole the best system, but we cannot see that it comes in any way under the jurisdiction of the Society for the Prevention of Cruelty to Animals.

Gossip.

A change in the advertisement of Geo. D. Fletcher regarding his Shorthorn cattle, Clydesdale horses and Yorkshire swine, appears in this issue. Turn to the advertisement and see if this stock interests you.

HOLSTEINS AT CLOVERLEA.

Another visit by a representative of this paper to the well-arranged Cloverlea Dairy Farm of Griesbach Bros., of Collingwood, Ont., found the herd in nice condition and decidedly stronger, both in numbers and in heavy-producing breeding over that of a year ago. At the head of the herd this year is the grandly bred bull, Pontiac Norine Korndyke, a grandson of the renowned Pontiac Korndyke, and a son of the intensely-bred Sir Korndyke Boon, whose dam is a 32.17-lb. cow, with a butter-fat test of 4.86 per cent., and he has twelve 30-lb. sisters. On his dam's side, this young bull is also bred on 4-per cent. butter-fat lines, being a grandson of Lady Wayne Norine, butter 22.63, butter-fat 4.09, and the dam of Brookbank Butter Baron, the Canadian champion sire. Official backing all along the line is characteristic of the breeding of the entire female end of the herd, representing on their sire's side such proven sires of record-makers as Sir Admiral Ormsby, Duke Netherland Pieterjie, Sir Mutual Butter Boy, Count Calamity Mercedes, Canary Mercedes Pieterjie Hartog 3rd, etc. Among the young bull's for sale is one out of Pauline Gervin 3rd, a 43-lb-per-day two-year-old daughter of Count Calamity Mercedes. This young bull is sired by a grandson of Count Hengerveld Fayne De Kol, out of Beauty of O. A. C., 10,690 lbs. milk in 300 days. Another is out of a daughter of Canary Mercedes Pieterjie Hartog 3rd, and sired by Canary Pieterjie Hartog 7th, whose dam has a milk record of 114 lbs. in one day. Other young bulls for sale are equally as well bred. Write Griesbach Bros. for prices and full particulars of breeding.

MILLIONS LOST

Millions of dollars have been lost in Canadian dairies and MILLIONS more sent out of Canada to foreign countries. Why? Because the Standard Cream Separator was not made sooner. A

Standard
and Six Cows

will produce as much cream (butter-fat) in 12 months as most other separators and six cows in 16 months, or the old method and six cows in 20 months.

It is no longer necessary to buy a separator made in the United States or any other foreign country. The Standard Separator, "Made in Canada," takes second place to none.

Money invested in a Standard is as safe as the bank. It earns 25% to 50%, and being invested in a home product comes back to you in the form of better markets for your produce.

To everyone interested we say, try a Standard. Our catalogue (yours for the asking) gives complete separator information. Send a postal for one to-day.

The Renfrew Machinery Co., Limited
Head Office and Works: Renfrew, Ontario
AGENCIES ALMOST EVERYWHERE IN CANADA



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 7 days, 156.92 lbs. in 30 days—world's record when made.

J. W. Richardson, R. R. No. 2, Caledonia, Ontario

King Segis Walker whose dam granddam and great granddam have records over 30 lbs., the greatest producing and transmitting family of the breed, I have for Sale some of his Sons combining the blood of Pont. Korndyke, King Segis and King Walker, the greatest trio of bulls obtainable. King Segis Walker's oldest daughter with her first calf has just completed a record of 24 lbs. butter in 7 days.

Send for Pedigree and Photo.

A. A. FAREWELL, OSHAWA, ONTARIO

SUMMER HILL FARM
Holstein Cattle and Yorkshire Hogs

We offer for sale a dozen bulls, some ready for service, from high official record dams. If you are wanting a bull, better write us and let us tell you how good they are. Can also spare a few good heifers. Yorkshire hogs all ages.

D. C. FLATT & SON
HAMILTON Phone 718 R.R. No. 2 ONTARIO

OURVILLA HOLSTEIN HERD

A big bull bargain.—One left ready for service. His dam and two granddams average 25.50 lbs. butter in 7 days. Sire is by Rag Apple Korndyke 5th, brother to a 37-lb. cow. Price \$125. Write quick to **Laidlaw Bros., Aylmer, Ontario**

HOLSTEINS At Hamilton Farms

For Sale:—cows and heifers in calf to our great, herd sires Prince Hengerveld of the Pontiacs, son of King of the Pontiacs and King Isabella Walker, son of King Walker. If you want a grandson of King of the Pontiacs, write us. We have some splendid bull calves.

F. HAMILTON, St. Catharines, Ont.

Holsteins

—You are too late to secure a son of Pontiac Hermes old enough for service; but NOW is the time to secure a calf for next season's work. You can save money by buying NOW. Also one son of May Echo Lyons Segis out of a 15,000 lb. dam.

E. B. MALLORY, BOX 66, R.F.D. BELLEVILLE, ONTARIO

Constitution That Counts

in any animal; our herd sires are noted for stamping that in their get and they are breaking the records. Choice young stock for sale. Write for prices.

M. L. Haley, M. H. Haley, Springfield

LAKEVIEW STOCK FARM, Bronte, Ont.

Breeders of High-Class **Holsteins**

E. F. OSLER, Prop. Offer for sale some choice young stock of both sexes **T. A. DAWSON, Mgr**

CLOVERLEA HOLSTEINS—Herd headed by Pontiac Norine Korndyke. Our special offerings for this month are two choice bull calves, No. 1 born Nov. 6th, 1914; he is large and straight and evenly marked. No. 2 born Dec. 18, 1914; he is a fine calf, more white than black; he is from an imported heifer whose dam gave 17.98 lbs. butter in 7 days, and his sire's dam gave 116 lbs. milk in one day and 31.61 lbs. butter in 7 days. He is bred right. Either will be priced right if taken soon. Bell Phone. **GRIESBACH BROS., COLLINGWOOD, ONTARIO**

DON JERSEYS

With 81 head to select from we can spare 5 mature cows, 2 yearling heifers in calf, sired by Mountaine Boyle and bred to Eminent Royal Fern, 4 yearling heifers not bred, and 4 yearling bulls besides a number of 6 months heifers. We never offered a better lot. **D. Duncan & Son, Todmorden, R.R. No. 1, Duncan Sta., C.N.O.**

Brampton Jerseys

We are busy. Sales were never more abundant. Our cows on yearly test never did better. We have some bulls for sale from Record of Performance cows. These bulls are fit for any show ring.

B. H. BULL & SON, BRAMPTON, ONTARIO