

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



There's big money and little trouble 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 feeder 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
 Steele Briggs Seed Co. Toronto, Waukegan, Ill.

PLEASURE CRUISES BY
R.M.S.P.
 - TO -
WEST INDIES
 FORTNIGHTLY SAILINGS
 By Twin-Screw Mail Steamers
 FROM
St. John (N.B.) & Halifax (N.S.)
 Special Facilities for Tourists.

For Illustrated Folders, Rates, etc., apply to the Agents of The Royal Mail Steam Packet Company; or in HALIFAX (N.S.) to PICKFORD & BLACK, Ltd.

Woodbine Holsteins

Young bulls and bull calves, sired by Duke Beauty Pietertje, sire's dam's record 32.52 lbs. butter, and his two granddams are each 30-lb. cows, with 80-lb. daughter with 30-lb. granddaughter. Three generations of 30-lb. cows. If you want a bull that will prove his value as a sire, write:
A. KENNEDY & SON, R.R. No. 2, Paris, Ont.
 Stations: Ayr, C.P.R.; Paris, G.T.R.

Holstein-Friesian Association of Canada

Application for registry, transfer and membership, as well as requests for blank forms and all information regarding the farmer's most profitable cow, should be sent to the Secretary of the Association,
W. A. CLEMONS, St. George, Ontario

Maple Grove Holsteins

Do you know that Tidy Abbe Kirk is the only cow in the world that produced three sons who have each sired 30-lb. butter cows, and two daughters with records greater than her own? She was bred, reared and developed at Maple Grove. Do you want that blood to strengthen the transmitting power of your herd, at live and let live prices then write:—**H. BOLLERT, FAVISTOCK, ONT.** R.R. No. 1

Great Yearling Holstein Bull For Sale
 out of the cow Victoria Burke with the wonderful record of 106 lbs. milk in 1 day, 686.6 lbs. in 7 days, 2,538.2 lbs. in 30 days and 30.82 lbs. of butter in 7 days, 122.08 lbs. of butter in 30 days. This cow ranked fourth in 1913 Records, 30 day class. The bull is sired by Fairview Korndyke Pontiac with ten sisters all with records over 30 lbs. butter in 30 days. Come and see or write:
JAMES A. CASKEY, MADOC, ONT.

BUY THE BEST 4 Holstein Bulls
 ready for service and several calves. Females all aged, cows in R.O.P. and R.O.M. milking up to 19,000 pounds. Bulls in service—"King Segis Pontiac Duplicate" and "King Fayne Segis Clothilde."
R. M. HOLBY, R. R. 4, Port Perry, Ont.
 Manchester, G.T.R. Merville, C.P.R.

RIDGEDALE HOLSTEINS—The herd is headed by King Segis Pontiac Duplicate, a 3½ brother to King Segis Pontiac Alcantara, the \$50,000 bull. The junior herd bull is Pontiac Hengerveld Pietertje, we have a few young bulls and heifers for sale.
R. W. Walker, R.R. No. 4, Port Perry, Ont.
 Merville Station, C.P.R.; Manchester, G.T.R.

The Maples Holstein Herd
 offers ready for service sons of Prince Aaggie Mechthilde from R.O.P. and R.O.M. sisters and dam of Duchess Wayne Calamity 2nd, Canadian champion 2-year-old for butter in R.O.P. 16714 lbs. milk 846 lbs. butter. Also choice females of like breeding. Write
Walburn Rivers, R. R. No. 5, Ingersoll, Ont.

Please mention "The Farmer's Advocate."

Questions and Answers. Miscellaneous.

Holidays.

Can hired man engaged by the year claim pay for the eight holidays he is entitled to?
SUBSCRIBER.

Ans.—Yes.

Timothy Killed.

Sowed a field of timothy in 1911, had a good crop of it in 1912, and in 1913, and has since died entirely. There is not even a weed growing on it now. It is perfectly bare. Could you tell me the reason for it?
W. C.

Ans.—We do not know what the trouble is unless it may be due to white grubs.

Abortion.

Will you please answer, through the veterinary column of "The Farmer's Advocate," whether inoculation for abortion in cattle has proved a success or not. I noticed some time ago where they were experimenting, but did not notice the result.

A SUBSCRIBER.

Ans.—See article by E. S. Archibald in our issue of December 17.

Feeding Out Silage.

1. This is my first year's experience in feeding silage. I have a 14 x 33 ft. silo, which was filled with well-eared, almost ripe, Yellow Dent corn. When I commenced feeding, I had about 25 feet of good silage. I am feeding about 15 inches per week, and have now (Dec. 7) 20 feet. At the present rate of feeding, 800 lbs. per day, how long will it last?
 2. Are the tables of contents of silos based on the cubical contents of silos at filling-time, or after the silage has settled?
F. W. R.

Ans.—1. About five months.
 2. Usually on settled silage.

Buying Shock Corn.

Editor "The Farmer's Advocate":
 Dear Sir,—In last week's issue an article was published on buying corn. The following ideas may interest some of your readers: From my own experience, I find that corn varies in price according to the district. Buying corn in the shock, buyer drawing it away, all that the horses can draw, at about \$7 per load, and silage from the silo \$4 per foot.

The following also came under my notice: A farmer had a 30-foot silo he wished to get filled. The seller used his own team; hired three other teams, and buyer also supplied a team and drew six acres of corn to buyer's place. He paid all the expenses of putting corn in buyer's silo, and sold same to buyer for \$3 per foot after it had settled.
GEO. NORMAN.

Haldimand Co., Ont.

School Fairs Successful.

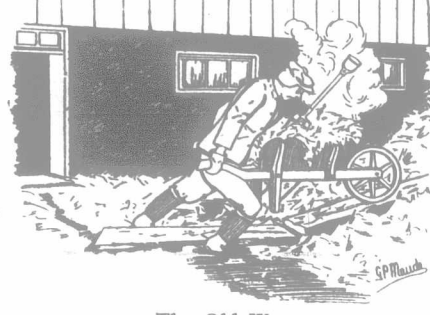
Reports received by the Ontario Department of Agriculture indicate that the Rural School Fairs, held by the District Representatives under the direction of the Department, this fall, have been remarkably successful, and have taken a firm hold on the interest of the people, both young and old. Starting three years ago with 25 fairs, they have increased so rapidly that 148 were held during the past season, taking in 1,391 schools, having 75,602 entries, and having 23,872 plots. The children utilized 4,072 settings of eggs. The attendance of the fairs totaled 95,310. The interest shown by the youngsters in the plots and the poultry, and in their colts and calves, indicated that this plan was having a real influence in developing an interest in agriculture in their young minds. The School Fairs are held under the management of a local organization of boys and girls, and under the general supervision of the District Representative.

A young man who needed false teeth wrote to a dentist ordering a set as follows:

"My mouth is three inches across, five-eighths inches threw the jaw. Some hummocky on the edge. Shaped like a horse-shoe, too forward. If you want me to be more particular I shall have to come that."

CLEAN YOUR STABLES

The Superior Way



The Old Way

Is it your daily experience to push out a wheelbarrow over a plank through a sloppy, muddy barnyard, taxing your strength and your patience, taking four times as long to do the job as it should?

THIS IS THE OLD WAY. GET POSTED — LEARN HOW A BOY CAN CLEAN YOUR STABLES THE SUPERIOR WAY.

The Superior Litter Carrier Outfit is the most complete on the market, embodying the most modern practical ideas of the leading stock and dairymen of Canada.

There are 23 special features in my Superior Carriers that I want you to know about before you install a carrier. Every man who keeps stock should have a Superior Carrier Outfit. If you are interested I want you to write to me, and I will tell you how reasonably you can install my Superior Carrier, that will pay for itself before the winter is over in time saved alone.

Look at the comparison, the Old Way and the Superior Way, the same man taking out five times as much manure at one time and doing it quicker and with very little exertion.

Write for catalogue now to

GEO. P. MAUDE, Manager



The Superior Way

Superior Barn Equipment Co.
 Fergus, Ontario

Central Nurseries, St. Catharines, Ont.

Have a Fine Assortment of
 Trees, Vines, Plants, Ornamentals, Etc.
 For Spring Planting.

For satisfaction plan **HULL TREES**. Our prices are right and so are the trees. Send for priced catalogue, also your want list for special prices on Apple Trees. Excellent quality, and at a very reasonable price. Trees grown in Canada. Look over our price list. No agents.
A. G. HULL & SON, St. Catharines, Ont.

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 records when made
J. W. Richardson, R. R. No. 2, Caledonia, Ontario

LAKEVIEW HOLSTEINS

Senior herd bull—Count Hengerveld Fayne De Kol, a son of Pietertje Hengerveld's Count De Kol and Grace Fayne 2nd. Junior herd bull—Dutchland Colantha Sir Mona, a son of Colantha Johanna Lad and Mona Pauline De Kol. Third bull—King Canary Segis whose sire is son of King Segis Pontiac, and whose dam is 27-lb., three-year-old daughter of a 30-lb. cow. Write for further information to—

E. F. OSLER, BRONTE, ONT.

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 7165 R.R. No. 2 ONTARIO

PRIZE-WINNING HOLSTEINS

Another win! For the past four years we have won on get of sire, which speaks for the quality along with constitution. Choice young bulls for sale, including 1st young bull at Ottawa and 2nd at Toronto, also young females.
M. L. HALEY, M. H. HALEY, Springfield, Oxford Co., Ont.

Holstein Cattle

(Prince Hengerveld of the Pontiacs, herd sire.)
 Stock for sale. Large herd to select from
Hamilton Farms, St. Catharines, Ontario

OURVILLE STOCK FARM

Offers: Five bulls ready for service, sired by Royalton Korndyke Duke, whose dam gave 31.76 lbs. butter in 7 days. All are from tested dams.

LAILAW BROS. R.R. No. 1 AYLMEER, ONT.

Sunny Hill Holsteins

Herd sires: Pontiac Segis Avondale, grandson of King of the Pontiacs, 8 of his mature dams average over 30 lbs. butter in seven days. Pontiac Wayne Korndyke, whose dam, sires dam and ten sisters of sire average over 31 lbs. in seven days. Bull calves for sale.

WM. A. RIFE, HESPELER, ONT.