

## Send your Raw FURS to John Hallam

Sixty Thousand trappers now send us their Raw Furs. Why not you? We pay highest prices and express charges, charge no commission and send money same day goods are received. Millions of dollars are paid trappers each year. Deal with a reliable house. We are the largest in our line in Canada.

## FREE HALLAM'S TRAPPERS GUIDE

French and English.  
A book of 96 pages, fully illustrated. Game Laws revised to date—tells you how, when and where to trap, bait and traps to use, and many other valuable facts concerning the Raw Fur Industry, also our "Up-to-the-minute" fur quotations, sent ABSOLUTELY FREE for the asking. Write to-day—address JOHN HALLAM, Limited  
Mail Dept. 306  
111 Front St. East, TORONTO

## RAW FURS

Our specialty is CANADIAN RAW FURS. Write for our free price list. We pay all mail and express charges. Remit same day as goods received. Hold shipments separate when requested. Prepay charges for returning furs if valuation is not satisfactory. We do not buy from dealers, but from trappers only.

**HALLMAN FUR CO., Toronto**  
N. Hallman, Manager, 4 years with John Hallam; E. J. Hagen, Treas., 11 years with John Hallam; J. L. Jewell, Buyer, 7 years with John Hallam; G. Hagen, Secy., 7 years with John Hallam.

## REGISTERED HOLSTEINS

Orders booked for bull calves from well bred dams with good A. R. O. backing. No females for sale at present.

Wm. A. Rife, Hespler, Ontario

## ELMCREST STOCK FARM HOLSTEIN FRIESIAN AND CLYDESDALES

Present offerings—a two months old bull calf from a 22.50 lb. cow, also a few good records of merit cows. In registered Clydesdales—how would a nice typey grand-daughter of Baron's Pride 3-year-old in May, due to fall in June, suit you? Everything marked dollars cheap for a few weeks. Write or come and inspect.

W. H. CHERRY, Garnet, Hallman Co., Ont.

## Woodbine Holsteins

Young bulls and bull calves, sired by Duke Beauty Pieterje; sire's dam's record 32.52 lbs. butter, and his two grand-dams are each 30-lb. cows, with 30-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: Avr. C.P.R.; Paris, G.T.R.

## HOLSTEIN - FRIESIAN ASSOCIATION OF CANADA

Applications 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, ONT.

## SPRINGBANK HOLSTEINS

Two young bulls, one 12 months, and one over two months, for sale, from good milking strains at low figure, for quick sale. Also a few choice grade heifers. WILLIAM BARNET & SONS  
Fergus, P.O., Ont. R.R. No. 3.

**The Maples Holstein Herd**  
Headed by Prince Aggie Mechthilde. Present offering: Bull calves born after Sept. 1st, 1913. All sired by Prince Aggie Mechthilde and from Record of Merit dams. Prices reasonable.

WALBURN RIVERS  
R. R. No. 5 Ingersoll, Ontario

**Holstein Heifer** Calves from heavy-milking, high-testing unregistered dams, sired by the great Holstein bull, Cornelius De Kol. Price created 100 lb. Rodney \$15. Two choice bull calves from extra heavy-milking, high-grade cows, \$12 each. The right kind to improve your herd. Glenora Stock Farm, Rodney, Ont.

## GLENWOOD STOCK FARM HOLSTEINS

3 yearling bulls for sale, out of fine milking strains, at low figure for quick sale. Thos. B. Carlaw & Son, Warkworth, Ont., Campbellford Station.

**DON JERSEY HERD** Offers young bulls and heifers for sale; heifers bred to Eminent Royal Fern. D. DUNCAN, DON, ONTARIO  
Phone L-2-D. Agincourt, Duncan Stn. C. N. R.

## Questions and Answers. Miscellaneous.

### Sawing Lumber.

1. How much does the law allow a mill-owner for sawing boards (one inch) or scantlings (per 100 feet or per m.)?
2. Does the law allow the mill-owner one-half the lumber for his trouble?

CAPE BRETONER.

Ans.—1. We do not think this is governed by law. Make an agreement with the mill-owner.

2. Not that we know of.

### Lump Jaw.

I have a cow that has a lump on her jaw about as large as my fist. I think one of the other cows struck her with her horn. The sore is now discharging a rank-smelling, pasty sort of matter, similar to churned-up food, and cow finds it hard to chew her cud. What can I do for it?

J. E. P.

Ans.—This may be lump jaw, for which the remedy is as follows: Give iodide of potassium three times daily. Commence with one-dram doses, and increase the dose by one-half dram daily, until she refuses food and water, fluid runs from mouth and eyes, and the skin becomes scruffy. When any of these symptoms become well marked, cease giving the drug. If necessary, repeat treatment in about three months. However, this appears like the advanced stage, and we fear treatment would be in vain. From your description of the case, it is difficult to say definitely that this is lump jaw. Better have your veterinarian examine her, as there is a possibility that it is an abscess, which might be cured.

### Stave Silo.

1. I asked you once before about a stave silo to use 2 x 4 scantling. Is there any danger of a scantling working in as the pressure is most on the inside edge of 2 x 4, and to use 4 x 4, one on each side to run hoops through.

2. Would you bore holes to put hoops through, and would you put holes about three inches from inside, so as the hoops would be close to the staves on the outside?

3. What length iron would it take for hoops, say, ten feet outside?

4. You recommended 6 x 6 for door front for a continuous door, or would you use a 2 x 3 for door post?

5. It seems to me a 6 x 6 would stick out quite a way from the outside, or would you put holes in it to run hoops through?

6. What is the cheapest paint I could get to paint it with inside and out?

7. Would you advise me to cut doors out of silo and have only about four doors in twenty-four feet?

J. W. F.

Ans.—1. Your first question is not clear enough to be answered intelligently.

2. If you use 4 x 4 sticks to run the hoops through, it will be necessary to bore holes in them, of course, and with ordinary-sized nuts, three inches from the inside would be the proper spacing for the holes. All you require is room to turn the nuts. However, iron clips, which your blacksmith could make, are often used for this purpose, and would save the expense of the extra-sized timber.

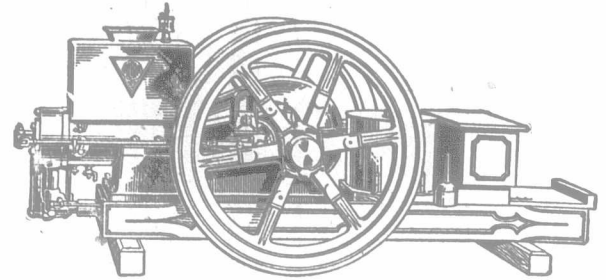
3. The entire circumference of this silo would be about 31 feet 6 inches. A 24-inch door would leave the hoops 29 feet 6 inches where a continuous door is used. You will have to allow almost an extra foot in the entire length to start the nuts on, for imperfect curve, and for the washers.

4. It is optional whether you use the continuous door or not. If you do, the 6 x 6 is advisable. As for their sticking out, it will not matter, as you will probably build up a chute to connect the silo with the barn. With the continuous door, the hoops would not go all the way round. In case of four or five doors, smaller posts would be adequate.

5. Put in holes for the hoops.

6. Read the article under Farm Engineering in the number of March 26th. Perhaps a thinner paint might do on the inside than on the outside.

7. Would advise five doors if you divide them off.



## The Alpha Gas Engine

Doesn't need a skilled mechanic. So well built that it plugs right along like a steady well-broken horse. No worry, no bother, no tinkering.

THE ALPHA IS A GOOD ENGINE for any purpose, but because there is no mystery in either its construction or operation, it is an ideal engine for farm use.

IT ISN'T BUILT OF ROUGH castings and bolted together. It is made from the best of material, and the workmanship and design are high grade in every particular.

IT STARTS AND RUNS ON a slow speed magneto. That alone is a big item because it means you have no batteries to fuss with or get run down or out of order when you need to use your engine the most.

Eleven sizes, 2 to 28 horse-power. Each furnished in stationary, semi-portable, or portable style, and with either hopper or tank cooled cylinder.

Every farmer needs an "Alpha." Send for new catalogue.

**DE LAVAL DAIRY SUPPLY CO., Ltd.**  
LARGEST MANUFACTURERS OF DAIRY SUPPLIES IN CANADA  
MONTREAL PETERBORO WINNIPEG VANCOUVER

## Riverside Holsteins

Herd headed by King Johanna Pontiac Korndyke whose near dams and sisters, 12 in all, average 33.77 lbs. butter in 7 days. His sister, Pontiac Lady Korndyke, has a record of 38.02 lbs. butter in 7 days, 156.92 lbs. in 30 days—world's records when made. We are offering several females bred to this bull; also a few bull calves.

J. W. RICHARDSON

R. R. No. 2, Caledonia, Ont.

## Fairview Farms Herd

Offers for sale: A son of Rag Apple Korndyke 8th, out of a daughter of Pontiac Korndyke, with a record of 27.72 lbs. in 7 days, averaging 44% fat. Granddam has a record of 29 lbs. Calf is nearly ready for service. Write me for description and breeding.

E. H. Dollar, Heuvelton, N. Y. Near Prescott, Ont.

## LAKEVIEW HOLSTEINS

Senior herd bull—Count Hengerveld Fayne De Kol, a son of Pieterje 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 Segs, whose sire is a son of King Segs 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.

## HOLSTEIN CATTLE

The only two world record Holsteins in Canada are owned by us. There are only three cows in the World that have made over thirty pounds butter, three years in succession, one of them is owned by us. The only bull in Ontario, whose dam has given 116 lbs. milk a day, and made 34.60 lbs. butter, in seven days, is owned by us. We have young bulls and females for sale, bred on same lines as our Champions.

D. C. Flatt & Son Long Distance Phone R.R. No. 2, Hamilton

## HOLSTEINS FOR SALE—Male or female. Herd sire, Prince Hengerveld of the Pontiacs, son of King of the Pontiacs. A few choice females bred to above sire.

F. HAMILTON :: "Hamilton Farms" :: St. Catharines, Ont.

## HOLSTEIN-FRIESIANS

BULL CALF for sale. His dam's record 24.12 butter. Write for pedigree chart. Our price is very reasonable. D. B. TRACY, COBBOURG, ONTARIO.

## Willowbank Holsteins

Herd headed by King Korndyke Inka De Kol, who has 12 sisters with records from 30 to 38 lbs. butter in seven days. Twenty-nine others with records from 20 to 29 lbs. Thirty to choose from, mostly bred to the above bull. Special offering: Two heifers, 2 and 3 years, sisters, one freshened in July, one just freshened, \$250 takes the pair.

Bell Phone COLLIVER & ROBBINS, Riverbend, Ontario

## BEAVER CREEK HOLSTEINS AND PERCHERONS

Present offering: 2 Percheron stallions and a nice filly (black), foaled July, 1913. In Holsteins, 2 cows and a few yearling heifers ready to breed.

A. Mittlefehldt, Elcho, Ont. SMITHFIELD STATION, T. H. & B. R. R.

## Brampton Jerseys

We are doing the largest business we ever did, chiefly with our old customers. Young bulls and heifers from sires with tested daughters. Several imported cows and bulls for sale. Canada's Greatest Jersey Herd B. H. Bull & Son, Brampton, Ont.