


## Lump Jaw



The first remedy to cure Lump Jaw was

### Fleming's Lump Jaw Cure

and it remains to-day the standard treatment, with years of success lack of it, known to be a cure and guaranteed to cure. Don't experiment with substitutes or imitations. Use it, no matter how old or bad the case or what else you may have tried—your money back if Fleming's Lump Jaw Cure ever fails.

Our fair plan of selling, together with exhaustive information on Lump Jaw and its treatment, is given in

**Fleming's Vest-Pocket Veterinary Adviser**

Most complete veterinary book ever printed to be given away. Durable bound, indexed and illustrated. Write us for a free copy.

**FLEMING BROS., Chemists**  
95 Church Street - Toronto, Ont.

## FREE LAND

### For the Settler in NEW ONTARIO

Millions of acres of virgin soil obtainable free, at a nominal cost, are calling for cultivation. Thousands of farmers have responded to the call of this fertile country, and are being made comfortable and rich. Here, right at the door of Old Ontario, a home awaits you.

For full information as to terms, regulations and settlers' rates, write to

**H. A. MACDONELL**  
Director of Colonization  
Parliament Buildings, TORONTO, ONT.

**HON. JAS. S. DUFF**  
Minister of Agriculture  
Parliament Buildings, TORONTO, ONT.

## Maple Grove Holsteins

Do you know that Tidy Abbeek 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,**  
TAVISTOCK, ONT. - R.R. NO. 1

## BUY THE BEST 4 Holstein Bulls

Ready for service and several calves. Females all ages, 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. HOLTBY**  
R.R. No. 4, Port Perry, Ontario  
Manchester G.T.R. Myrtle, C.P.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**

## 6-Holstein Bulls-6

8 to 10 months old. All sired by Riverdale Walker Segis whose dam's record is 29,79, 7 days; good colors and from dam's with records up to 23,33, every one a show bull. State just what you want. Satisfaction guaranteed.

**MARTIN McDOWELL**  
R. R. No. 4 - Woodstock Ont.

## Great Yearling Holstein Bull For Sale

out of the cow Victoria Burke with the wonderful record of 106 lbs. milk in one 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 sire of this bull is sired by Fairview Koradyke Pontiac with ten sisters all with records over 30 lbs. butter in 30 days. Come and see or write:

**JAMES A. CASKEY, - MADOC, ONT.**

## The Maples Holstein Herd

offers ready for service sons of Prince Annie Mechthilde from R.O.P. and R.O.M. sisters and dam of Duchess Wanda, a 2nd. Canadian champion 2-year-old in butter in R.O.P. 167.11 lbs. milk, 876 lbs. butter. Also choice females of like breeding. Write:

**Walburn Rivers, R. R. No. 5, Ingersoll, Ont.**

## Riverdale Holsteins-3 bulls ready for service.

Also one bull, sired by our great bull, "King Segis Pontiac Duplicate" and from a high-producing dam. A very choice herd headed at a reasonable price. **R. W. Walker & Sons, R. R. No. 4, Port Perry, Ont.** Manchester, G.T.R. and Myrtle C.P.R. Bell Telephone.

## JERSEY BULLS FOR SALE-1

choice registered Jersey bulls, from 6 to 10 months old, from imported sire, and from dams that are great producers. Prices very reasonable. Write:

**CHAS. E. ROGERS, INGERSOLL, ONTARIO**

Please mention "The Farmer's Advocate."

## Questions and Answers.

### Miscellaneous.

#### Do Hens Pay?

In 1914 I kept 100 hens, and also kept a record of the number of eggs I sold, not counting what were needed for other purposes. I sold 867 dozen, which brought the sum of \$239.21 for one year. These hens are composed of White Leghorns and White Wyandottes.

ALFRED COONEY,

Peterboro Co., Ont.

Ans.—We should say these hens paid well, but you should have added the cost of feed to your records so as to have a complete record with net profits.

#### Diseased Cow.

A, living in Ontario, sold beef cow to B, who shipped her to Montreal and sold her to C after being killed; then C forwarded B a certificate of her being diseased with tuberculosis, who was forced by the law of Quebec to return C his money. Can B do likewise with A? Has the act of moving her from one Province to another any legal effect?

T. S.

Ans.—In so far as the facts of the case appear, we do not see that A can be compelled by B to refund. If we may assume that A is in a position to prove that he was innocent in the matter—that he did not know, and had no reason to suppose that the animal was diseased; and, moreover, that when B bought the cow, he did not do so with the intention to the knowledge of A, of using the animal as meat for himself or family, he is not liable to make any refund of the money.

#### Drainage Growing Wheat.

1. If a person had a farm with slope enough on it to carry away the water so that the water will not lie on it in the spring, is there any particular need of tile draining this to get good results? My point is: Would not a person get good results from his crops if the farm is naturally drained by certain slope of the land that a person can get on early in spring?

2. Could wheat not be grown here in Northern Ontario, and also could not clover seed be raised? Why I am asking about clover, I have heard people say that it kills out in winter. The land I expect to have to grow those grains will be clay loam.

J. W.

Ans.—1. It may be advantageous, and in fact is on many farms, to underdrain, even though there is slope enough to carry off surface water readily. Your experience in cropping should teach you whether or not your land requires underdraining. If it is heavy soil, no doubt some underdrains would aid.

2. Hardy strains of wheat should grow. The experience of good farmers in the district should be a fair criterion for a beginner to go by.

#### Tank for Water Supply.

What would be the capacity of tank suitable for a pneumatic water system, to supply about 75 head of cattle and 30 head of horses and pigs? Also the comparative costs and efficiency of the pneumatic and elevated-tank systems?

W. S.

Ans.—Allowing 10 gallons per day for each horse and cow, and two for each pig, the total water required per day would be 1,110 gallons, or about 25 barrels. The size of tank required would depend on whether windmill or engine is to be used for pumping. With the former, it would be necessary, on account of occasional calms, to provide for larger storage than with the latter. Making such allowance, there would probably be but little difference in price of original installation. Using an engine for pumping, it would probably be wise to have a tank of 1,500 to 2,000 gallons capacity. An elevated-tank outfit, including tank, tower 20 feet high, pump, engine, and installation of the same (not counting the pipes, troughs, etc., which will be about the same no matter which tank is used), would probably cost from \$50 to \$100 less than a pneumatic outfit of the same capacity. In case of fire, a hose on the pneumatic outfit would have about 60 pounds pressure per square inch if pumped four-fifths full, while the elevated tank would give only about 10 pounds.

W. H. D.

## IMPORTANT AUCTION SALE

### OF 43 HEAD OF

# Pure-bred Holsteins

At Rivermead Farm, UNIONVILLE, ONT., on

**Friday, February 5th, 1915**

Sale commences at 11 o'clock

Thirty-eight cows and heifers and five young bulls. Several cows due to calf within the next 30 days. A number just bred, their last calves to be sold at the sale. Several heifers one year old, bred to a son of a 29-lb. cow, and son of King of the Pontiacs. All to be sold without reserve.

The farm is four minutes' walk from the station, Unionville, Midland Division, G.T.R., 20 miles north of Toronto, Ont.

Terms cash, or six months' with interest, 6 per cent. on approved notes. Catalogue on application.

Auctioneers: **B. V. KELLEY, Syracuse, N. Y.**  
**J. H. PRENTICE, Toronto, Ont.**

**W. F. ELLIOT, Unionville, Ontario**

## BRANT CO. First Annual Holstein Sale BRANT CO.

### Wednesday, Jan. 27th, 1915

At the Old Commercial Hotel Stables, in the City of Brantford

The Brant Co. Holstein Breeders' Club will hold their First Annual Sale of Specially Selected Holsteins numbering 50 head, among which are about half a dozen young bulls old enough for service; the balance females practically all two years of age and under, daughters and granddaughters of 27 lb. R.O.M. cows and of 20,000 lbs. R.O.P. cows and some of them in calf to bulls out of 22,000 lb. dams, the whole consignment is exceptionally well bred and strictly high-class in type and quality. Consigned by such noted breeders as E. C. Chambers, Robt. Shellington & Son, and J. W. McCormick, all of Hatchley; Chester Lee, Kelvin; C. E. Smith, Scotland; C. Duff Nelles, Boston; F. F. Passmore, Brantford; S. Lemon & Son, Lynden; W. Sager, St. George, and F. Chapin, Newport. Every animal offered will positively be sold.

Terms:—Cash or 8 Months on Bankable Paper with 6% Per Annum.

Auctioneer: **Col. Welby Almas, Brantford.**

Sales Manager: **Percy Clemes, St. George.**

For Catalogue, Write the Secretary: **N. P. Sager, St. George, Ont.**

## Norfolk Holstein Breeders' Annual Club Sale

### SIMCOE, THURSDAY, FEBRUARY 11, 1915

On the morning of the sale all cattle will be inspected by an impartial inspector, to assure prospective purchasers that every animal offered is sound and right. No three-teaters nor shy breeders may be listed by consignors. All cattle not tested for tuberculosis previous to day of sale by a competent vet. must be sold subject to tuberculin test. Now is the time to part with a few grades, and lay a foundation in pure-bred Holsteins.

**W. H. CHERRY, Advertising Manager, HAGERSVILLE, ONT.**  
**J. ALEX. WALLACE, Secretary-Treasurer, SIMCOE, 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. Yorkshires hogs all ages.

**D. C. FLATT & SON**  
HAMILTON - Phone 7165 - R. R. No. 2 - ONTARIO

**VILLA VIEW AND FAIRMONT HOLSTEINS**  
(The Home of King Segis Alcartra Calamity)  
For Sale—Ten bull calves nine months old, one ready for service; all nicely marked and well grown, from record of merit dams with records up to 22.11. Prices from \$50 to \$100.  
**Arbogast Bros., Sebringville, Ont.** **P. S. Arbogast, Mitchell, R.R. No. 2.**

**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**