

## Lump Jaw

The first remedy to cure Lump Jaw was

### Fleming's Lump Jaw Cure

and it remains today the standard treatment, with years of success back 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 what else you may have had 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,**  
75 Church St., Toronto, Ontario

## BRAMPTON Jerseys

CANADA'S GREATEST JERSEY HERD

We are offering for sale one 2-year-old bull and four yearlings, fit for service; also six bull calves; females of all ages. Come and see them or write.

**R. H. BULL & SON, BRAMPTON, ONT.**

## Jerseys and Chester Whites

I am offering some choice young Jersey bulls, sired by Brampton's Blucher, winner of first prize, Toronto and Winnipeg, and from choice, deep-milking cows with good teats. Also Chester White pigs, 3 to 4 months old, both sexes, at special prices.

**CHAS. E. ROGERS, Dorchester, Ont.**

## WANTED!

Ten Jersey Heifer Calves, from 2 to 4 months old, eligible to register. Send description, with lowest cash price, to: **High Grove Stock Farm P. O. Box 111, Tweed, Ont.**

## A High Percentage

The combined percentage of Protein and Fat in

## BRANTFORD GLUTEN FEED

is 25%

There is no better feed for milking cows. Present price, \$24.00 per ton.

**The Brantford Starch Works**  
BRANTFORD, LIMITED, ONTARIO.

## CENTRE AND HILLVIEW HOLSTEINS

Offers a number of young bulls: One born Oct. 5, more black; his dam gave at 5 years old 418 lbs. milk and 17 1/2 lbs. butter; his sister, at 4 years old, gave 416 lbs. milk and 17.13 lbs. butter in 7 days; his sire is Brookbank Butter Baron, who has a number of A. R. O. daughters, one 25.66 lbs. butter in 7 days at 3 years old. Price \$60 if sold at once. A few 2-year-old heifers from B. B. B. for sale. **P. D. EDE, Oxford Centre, Woodstock Station.** Long-distance telephone.

## MAPLE HILL HOLSTEIN-FRIESIANS SPECIAL OFFERING:

Four-year-old cow, fresh last October; bred April 2nd to Choicest Canary, whose dam is the highest seven-and-thirty-day record cow in Canada.

**G. W. CLEMONS, St. George, Ont.**  
Bell phone.

## Fairmount Holsteins.

Must sell 35 head before fall, as I have sold one of my farms. Herd headed by Aaggie Grace Cornucopia Lad, whose dams for four generations have records that average 21.30 pounds.

**C. R. Gies, Heidelberg P. O., St. Jacob's Sta.**

## Glenwood Stock Farm Holsteins and Yorkshires.

Holsteins all sold out. Have a few young Yorkshires, about 2 months old, for sale cheap. True to type and first-class. Bred from imported stock.

**Thos. B. Carlaw & Son, Warkworth P. O., Ont.**  
Campbellford Station.

## Ridgedale Holsteins

I have left three bull calves that will be priced right for quick sale; their dams are heavy producers and the sire was bred right.

**R. W. WALKER, Utica, Ont.** Phone connection.

PLEASE MENTION THIS PAPER.

## GOSSIP

### BLASTING Boulders

Prof. Stewart, chief of the Division of Engineering at the Minnesota Agricultural College, says that ordinarily it is not economical to break rocks by placing explosives on top of them—a method requiring a very high grade and large quantity of dynamite. In such case, if the boulder is hard, the attempt will often result in failure. The efficiency of this method may be somewhat increased by laying the explosive in a depression in the rock and covering it with wet clay.

Another method is to make a hole with a long auger or spade, through the earth, to a point under the center of the rock, and place the explosive there, tamping the hole full of dirt afterward. This method is much more satisfactory than the first, though it many times throws the rock out of the ground unbroken.

The surest method, and the one requiring the least explosive, is to drill a hole in the rock and tump in the charge with damp clay.

The proper plan, where a large number of rocks are to be broken up, is to do a little experimenting. Try each of these methods, keeping an account of the time required to prepare the charge, the cost of explosive used, and the results, and from these determine the best method to use with the rocks in question. With high-priced explosive and cheap labor, it will, ordinarily, be most economical to drill the rock. If labor is scarce and high-priced, it may be more desirable to use a larger quantity of explosive under the rock, as suggested above. Rock has been satisfactorily disposed of by all these methods.

## THE CEDAR-POST INDUSTRY.

The extent of many industries which, to the casual observer, seem small, is well exemplified in the cedar-post industry. A circular issued by United States Government in 1907, states that there were over 800,000 miles of pole lines in operation then in the United States. The average line contains 40 poles to the mile, making 32,000,000 then in use; assuming the average life of a pole to be about 12 years, the maintenance of these lines requires 2,650,000 poles yearly. In addition to these, a great number is required in installing new lines. In 1906, 3,574,666 poles were purchased at a cost of \$9,471,171, at point of purchase; this does not include poles under twenty feet in length.

The chief consumers are telegraph and telephone companies, steam railroads, street railways, electric light and power companies. Two-thirds of these posts were cedar, which gives the most satisfaction. The qualities sought in posts are: Durability in contact with soil, weight, straightness; the wood must be soft so as to allow the spikes of the climber to enter readily, yet must have strength; in these qualities cedar stands high. The life of cedar posts is about 15 years, chestnut 9, cypress 8, Southern yellow pine from 4 to 8 years.

Cedar is getting scarcer each year, as a consequence of this drain upon the supply. A tree, to make a 30-foot pole, must live, it is said, one hundred and ninety years. This means a slow renewal of the supply. Furthermore, cedar forests are usually cut clean, the smaller trees going for ties and shingles. The trees are felled, the bark trimmed off, cut to length and straightness on the ground where grown, after which they are generally shipped to a central yard, where they are seasoned from one to two years. This process renders them lighter, stronger, and longer-lived. One of the largest, oldest-established firms following this business is the W. C. Stirling & Son Co., of Monroe, Michigan, from whom a pamphlet concerning the business is obtainable for the asking.

A young lady who taught a class of small boys in the Sunday school desired to impress on them the meaning of returning thanks before a meal. Turning to one of the class, whose father was a deacon in the church, she asked him:

"William, what is the first thing your father says when he sits down to the table?"

"He says, 'Go slow with the butter, kids, it's forty cents a pound,'" replied the youngster.

## The Full Percentage of Cream

Getting the full percentage of cream from milk depends as much upon the oil used to lubricate the separator as upon the separator itself. Gummy oil will cut the fine bearings of your machine, spoil its balance and waste good cream in the skim-milk pail.



## STANDARD Hand Separator Oil

never gums, never rusts, never corrodes. It feeds freely into the closest bearings and insures the perfect lubrication that is essential to the free spinning of the bowl and the complete separation of cream from milk. It lessens the driving effort and lengthens the life of your separator.

One gallon cans. All dealers. Or write to

**The Imperial Oil Company, Limited**

Ontario Agents: **The Queen City Oil Co., Ltd.**

## Holstein - Friesians

**FAIRVIEW FARM** offers young bulls, sired by Pontiac Korndyke and Rag Apple Korndyke, without question the two greatest Korndyke bulls in the world, and out of cows with large A. R. O. records and testing 4% fat. Come and see them or write.

**E. H. DOLLAR, Heuvelton, N. Y.**  
Near Prescott.

**Elmwood Holsteins** Choicely-bred calves for April and May delivery. Sired by imported Ykema Sir Posch and Pontiac Sarcastic, a grandson of Sarcastic Lad. Registered. Delivered. Express paid. Safe delivery guaranteed.

**E. D. GEORGE & SONS, PUTNAM, ONT.**

## WOODBINE FARM HOLSTEINS

Offers a number of fine bulls and bull calves, sired by Sir Creamelle, who is a direct descendant in two different lines of the great cow, Duchess Ormsby, 24.44 lbs. butter in 7 days, dam of five daughters with records that average 20 lbs. of butter in 7 days, the greatest producing family of the breed. Write for prices. Telephone connection. Shipping stations: Ayr, C. P. R.; Paris, G. T. R.

**A. KENNEDY, Ayr, Ontario.**

**Spring Bank Holsteins and Yorkshires**  
For sale: 1 cow, 6 years old, good producer; 3 bull calves; young Yorkshire sows.

**Wm. Barnett & Sons, Living Springs, Ont.**  
Fergus Station, G. T. R. and C. P. R.

## LAKEVIEW HOLSTEINS!

Bull calves sired by Count Hengerveld Fayne de Kol, whose sire is the sire of the world's champion milk cow, and whose dam is the dam of the world's champion butter cow. These calves are from A. R. O. cows with records up to 24 lbs. butter in 7 days. Also a few females for sale.

**E. F. OSLER, Bronte, Ont.**

## World's Champion-Bred Bull

Grace Fayne 2nd Sir Colantha. His dam, sire's dam and two sisters average 31.80 lbs. butter in 7 days. For further particulars send for catalogue. Address **M. L. HALEY or M. H. HALEY, Springfield, Ontario.**

## High-class Holsteins

Head of herd, Pietje Korndyke Lad. Two nearest dams average 26.09 lbs. butter in 7 days. His sire's dam, Pietje 22nd, has a record of 31.62 lbs. butter in 7 days. Present offering: now booking orders for bull calves sired by above sire and out of A. R. O. dams.

**WM. C. STEVENS, PHILLIPSVILLE, ONT.**

## High-class Holsteins and Tamworths.

I am now offering a number of two and three year old heifers, with official records from 11 to 20 pounds butter in 7 days; also bull calves with rich backing. Tamworth boars from 6 weeks to 1 year old—imp. sire and dam.

**A. C. HALLMAN, BRESLAU, ONT.**

## The Maples Holstein Herd

of Record-of-Merit cows, headed by King Posch De Kol. Nothing for sale at present except choice bull calves from Record-of-Merit cows. Also one or two good cows.

**WALBURN RIVERS, FOLDEN'S, ONTARIO**

## CRAIGALEA AYRSHIRES

have won more money the last four years than all competitors combined. They are heavy producers and high testers; records of production given. Stock of both sexes for sale of show-ring form.

**H. C. HAMILL, BOX GROVE P. O., ONT.**  
Markham, G. T. R.; Locust Hill, C. P. R. Bell phone connection from Markham.

## BURNSIDE AYRSHIRES!

Fresh importation just landed in quarantine of 60 head. I have the choicest lot of 12 young bulls I have ever imported. From the best herds in Scotland, such as Auchinbrair, Osborne, Netherhall, Bargenoch, Barr of Hobbsland, Mitchell of Lochfergus. All fit for service. A number of cows, 3-year-olds, 2-year-olds, and 20 choice yearling heifers. All are for sale.

**R. R. Ness, Howick, Que.**

## ISALEIGH GRANGE AYRSHIRES!

Our herd were all selected on their ability to produce a heavy yield of milk. We have a number of 40, 45 and 50 lb. cows, imported and Canadian-bred. From them are young bulls and heifers for sale. None better. **JAMES BODEN, DANVILLE, QUEBEC, ISALEIGH GRANGE FARM.**

## Ayrshires

Bull calves, from 4 months to 9 months, from imported sire and Record of Performance dams. Records 50 to 63 pounds per day.

**N. Dymont, Clappison's Corners, Ont.**



## HILLCREST AYRSHIRES.

Bred for production and large teats. Record of Performance work a specialty. Fifty head to select from. Prices right.

**FRANK HARRIS, Mount Elgin, Ont.**

## Ayrshires and Yorkshires!

We still have a few choice individuals of almost any age on hand in Ayrshires, and are always ready to price any. Other breeders in this section. Bull calves from Record of Performance cows. A few young Yorkshires on hand.

**ALEX. HUME & CO., MENIE, ONT.**

## Stonehouse Ayrshires

all ages. Am now booking orders for bull calves.

**Hector Gordon, Howick, Quebec.**

