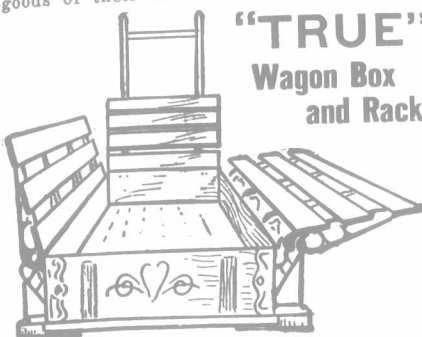


## Up-to-Date Specialties For Farmers And Gardeners

Things you need—implements and tools that should be on every truck garden and farm. Our way of making these specialties assures adaptability, strength and service at the minimum price for the best goods of their kind on the market.



**"TRUE" Wagon Box and Rack**

Without wings and ladder, it is a perfect wagon box. With them, it is the best Hay, Stock, Wood, Poultry, Corn or Fruit Rack ever invented. Adjusted to any position in a minute without wrench, hook or rope.

**"Eureka" Sanitary Churn**  
Barrel of finest stoneware—top of clear pressed glass. Churns by hand lever. The only sanitary churn made. 3 sizes—8, 10 and 12 gallons.

**"Eureka" Root Cutter**  
will slice or shred from 1 to 2 bushels per minute. Fastest machine made—easiest running. Tapering cylinder—10 best steel knives.

**"Eureka" Combination Anvil**  
Best iron anvil, with vice, pipe vice and drill attachment, and saw clamps. Just what you need for repairing tools and machinery. Weighs 60 pounds.

**The "Bacon" Seed Drill**  
will handle the most delicate seed without bruising or breaking, and will sow evenly to the last seed.

**Write for Catalogue**  
Every farmer, who wants to make money out of his farm, ought to have our new catalogue. It shows our TOOLS, Rakes, Hoes and Machines as they are, and describes their construction in detail. Write for free copy.

**The Eureka Planter Co., Ltd., Woodstock, Ont.** G1



Rock Salt, \$10.00 ton.  
**Toronto Salt Works, 128 Adelaide St. E., Toronto, Ont.**  
G. J. CLIFF, MANAGER.

## Don Jersey Herd

Now offering young bulls and heifers sired by Fontaine's Boyle (332), also a few choice young cows.

**D. DUNCAN, DON, ONT.**  
Duncan station. Phone, long-distance, Agincourt.

**MINSTER FARM**  
**Holsteins and Yorkshires**  
**R. HONEY, Brickley, Hastings St.**  
Northumberland County, offers bull calves from R. O. P. cows, and from a son of Count Hengerveld Fayne De Kol, also boars and sows ready to mate.

## THE MAPLES HOLSTEIN HERD

Everything of milking age in the Record-of-Merit. Nothing for sale at present but a choice lot of bull calves sired by King Posch De Kol. Write for prices, description and pedigree.

**Walburn Rivers, Folden's, Ontario**

**Elmwood Holsteins** Offer choice young cows to freshen during March and April, 1911. Spring crop calves. Sired by Ykema Sir Posch and Pontiac Sarcastic—a grandson of Hengerveld De Kol. Prices right. Express prepaid. Safe delivery guaranteed.  
**E. D. George & Sons, Putnam, Ont.**

## HOMWOOD HOLSTEINS

Home of the champions. Headed by the great milk and butter bred bull, Grace Fayne 2nd's Sir Colantha. Only choice, thrifty bull calves for sale at present. M. L. HALEY and M. H. HALEY, SPRINGFORD, ONTARIO.

**Springbank** Two choice-bred bull calves for sale. One is 10 months, the other 8 months. From high-class milkers. Prices reasonable. For particulars and breeding write to: **Wm. Barnett & Sons, Living Springs, Ont.** Fergus, C. P. R. and G. T. R.

**Holstein Cattle**—The most profitable dairy breed. Illustrated descriptions free. **Holstein-Friesian Ass'n of America, F. L. HOUGHTON, Secy, Box 127, Brattleboro, Vt.**

**Lake View Dairy Farm** I have several of noted Francy breeding, also daughters of Sir Admiral Ormsby. Present offering: Bull calves and heifers.  
**W. J. BELL, BRITANNIA BAY, ONTARIO.**

## QUESTIONS AND ANSWERS. Miscellaneous.

### BEE BOOKS.

1. Please let me know the address of a good bee journal.
2. Also the name and price of a good bee book for a beginner.

Ans.—1. The Canadian Bee Journal, Brantford, Ont. Yearly subscription, \$1.  
2. A. B. C. and X, Y, Z, of Bee Culture, A. I. Root & Co., Medina, Ohio. Price, from this office, \$1.75, postpaid.

### FLAX-SEED MEAL VS. OIL-CAKE MEAL.

Which is better for cattle, flax-seed meal or oil-cake meal? Would the flax meal be too oily for cattle, as I hear some say it is? I grow some flax and grind it for horses. If it is better for cattle than the oil-cake meal, I will grow more flax and grind it for cattle. J.

Ans.—Flax-seed in moderate quantities is more valuable than oil cake, though for most purposes and in most rations the oil cake is more economical at prevailing prices. The oil is valuable in reasonable quantities, but over-laxative in large amounts.

### OVERRUN IN BUTTERMILKING.

How much will 100 lbs. of butter-fat increase when made into butter; or how much butter is it possible to make from 100 lbs. of butter-fat? Please give maximum increase. SUBSCRIBER.

Ans.—According to the standard established under the Dominion Adulteration Act, butter must contain 82.5 per cent. fat, and not more than 16 per cent. water. The overrun may vary considerably, but for ordinary purposes of calculation, it is a good rule to add one-sixth to the amount of fat. That is 100 lbs. fat would make 116½ lbs. of butter, allowing for loss in skimming, churning and other mechanical waste.

### FIELD PEAS.

Is the Crown pea profitable to grow on heavy clay land; and what is there about them different to the other pea in growing? What do you consider the best pea for clay land? The large pea breaks up so bad in threshing. SUBSCRIBER.

Bruce Co., Ont.  
Ans.—The Crown pea was grown by some of "The Farmer's Advocate" staff many years ago. It was a large white pea, with short straw, supposed to stand up well, but did not prove a heavy yielder. Other sorts, like the Golden Vine and Mummy, were preferred. Dr. Chas. E. Saunders, the Cerealist at the Ottawa Experimental Farm, reports Prussian Blue, Chancellor, Arthur and Golden Vine as the most productive sorts. The Early Britain is most highly spoken of at the Agricultural College Farm, Guelph, where it has topped the list as a yielder for eleven years. Potter, a white pea of good quality, stands second.

### DAMAGES FOR PERSONAL INJURIES.

A's horse being tied to a pole one store up street past where he called on business, A came out of store, going to his horse, collided with two old ladies over 70 years of age. The outside lady fell on the street, breaking her hip; "the ladies," C and D, claim that A was running to catch his horse. A claims he was not running, but going to his horse as the street car was passing; this taking place in August, 1910. C and D's lawyer writes A a letter in January, 1911, asking him to come in to let him know what A intended to pay to C and D.

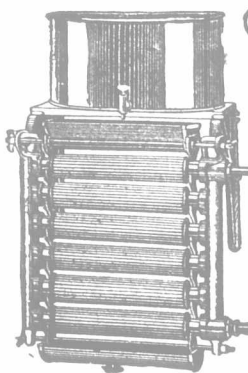
1. Would A be liable for expenses and damages, as it has gone so long that witnesses would be hard to get?
2. Is there any particular time set by law when damages have to be claimed?
3. How long has C and D's lawyer a chance to claim damages?

Ans.—1. We think so.  
2. Yes.  
3. Within two years from the date of the accident.

Visitor—I envy you that light and skilful hand of yours!

Young Sculptor (flattered)—And so you saw my "Amagon"?

Visitor—No, but I hear you shave yourself.



## The Secret of Pure Sweet Milk

You dairy-farmers can't afford to ship impure, germ-laden milk into the towns and cities. Our medical authorities are urging the Government to penalize offending dairymen very severely—don't you run any risks. If you pass all your milk through the Root Cooler-Aerator immediately it leaves the cow, you can guarantee it pure and sweet and get a bigger price for it per gallon. The

## Root SANITARY MILK Cooler-Aerator

will keep the milk sweet for 48 hours because it kills the animal heat quickly and cools the milk to the same temperature as cold running water.

The water is admitted at the bottom, flows through the bottom tube, then from the water column into the second tube and so on until it reaches the top tube. Thus the cylinder is kept perfectly cold all the time, and as they are deeply corrugated the milk flows down them slowly, reaching the retaining pan thoroughly cooled and aerated. Cylinders are made of heavy copper, heavily coated with pure tin and guaranteed to stand heavy water pressure. Perfectly simple to operate—no complicated parts—a child can easily clean the whole machine in 5 minutes. Made in various sizes—will cool from 40 to 75 gallons an hour. Write us to-day for catalogue and prices—every dairymen should have a Root Cooler—it's a big money-maker. Address:

**W. A. Drummond & Co., 175 King St. East, Toronto**

## Brampton Jerseys

cows and some calves for sale. Production and quality.

Bulls fit for service are getting scarce. Just a few left. Yearling heifers in calf are in great demand; 6 for sale; 6 now being bred. Brampton Stockwell the sire. A few good

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

## Riverside Holsteins

Choice bulls 6 to 9 months old, sired by Sir Pieterje Posch De Boer and Prince De Kol Posch. Latter is the only son of champion cow, dairy test, Guelph, 1908 and 1909, and out of E. of M. dams.

**J. W. Richardson, Caledonia, Ont.**

Haldimand Co. Long-distance phone.

## WE NEED THE MILK

For our milk contract, so all the bull calves from fifteen choice cows and heifers, due to freshen by April 1st, must go. This means attractive prices for you. Write us, you'll be surprised how good a calf you can buy for how little money.

**MONRO & LAWLESS,**

Elmdale Farms, Thorold, Ontario

## FAIRVIEW FARMS HERD—HOME OF:

Pontiac Korndyke, the only bull living that is the sire of four 30-pound daughters, and the sire of the world's record cow for seven and thirty days.

Rag Apple Korndyke, sire of eight A. R. O. daughters that, at an average age of 2 years and 2 months, have records that average 17½ lbs. each, and over 4.2% fat for the eighth. Three of them made over 20 lbs. each.

Sir Johanna Colantha Gladi, whose dam and sire's dam average 33.61 lbs. each for 7 days, which is higher than can be claimed for any other sire of the breed.

We are offering some splendid young bulls for sale from the above sires, and out of daughters of Pontiac Korndyke and Rag Apple Korndyke.

**E. H. DOLLAR, (near Prescott) HEUVELTON, NEW YORK**

## Lakeview Holsteins!

Bull calved June 12th, 1910. Sired by Count Hengerveld Fayne De Kol, and out of Helena Seipkie, a cow that made here since last spring 10,000 pounds milk in seven months. This bull is half black, and is an extra good individual. Several high-grade heifers also for sale.

## E. F. Osler, Bronte, Ontario

## HOLSTEINS AND YORKSHIRES

More high-record cows in our herd than in any other in Canada, including the champion Canadian-bred three-year-old, and the champion two-year-old of the world for yearly production. The sire of these champions is our main stock bull. We have a large number of heifers bred to him that will be sold right to make room for our natural increase. Also bull calves for sale. We are booking orders for spring pigs, also sows safe in pig. We invite inspection of our herd. Trains met at Hamilton when advised. Long-distance Bell phone 2471 Hamilton.

**D. C. FLATT & SON, MILLGROVE, ONT. R. F. D. NO. 2**

**Centre and Hill View Holsteins** We have added to head our herd a young bull from King Segis, world-record sire, and a 26-lb. 4-year-old dam. Have 2 bulls born in January from Bonheur Statesman. Their grandfams have over 21 lbs. butter in 7 days. Also younger ones from good A. R. O. dams. These will be **P. D. Ede, Oxford Centre, Woodstock Stn.** sold right, considering their backing. LONG-DISTANCE TELEPHONE.

## Silver Creek Holsteins

officially backed on both sides. King Fayne Segis Clothilde, whose 7 nearest dams have 7-day records that average 27 lbs., is at head of herd. **A. H. TEEPLE, CURRIES P. O., Ont. Woodstock Station. Phone Connection.**

## Holstein Bulls

From high-class, officially-tested cows. Ready for service. Also bull calves.

**R. F. Hicks, Newton Brook, Ont., York Co. Toronto Shipping Point.**

## BUSINESS-BRED AYRSHIRES

My herd of Ayrshires have for generations been bred for milk production. They are nearly all in the R.O.P. My present offering is several young bulls most richly bred. **James Begg, R. R. No. 1, St. Thomas, Ont.** Bell phone.

**PLEASE MENTION THE ADVOCATE.**

## AYRSHIRES

We are now selecting in Scotland our 1911 importation of Ayrshires. Over 20 already secured as a result of our visit in Oct. Write us about young bulls and females. Deepest milking strains. Reasonable prices. Home offering: A few very choice bull calves. Two fit for service.

**ROBT. HUNTER & SONS, Maxville, Ont.**

## Ayrshires and Yorkshires

Our Ayrshire herd is in fine form. We can fill orders for a number of bulls fit for service, of good dairy breeding, or imported stock for 1911. Females any age. Young calves either sex. Young boars ready for service. Long-Young pigs ready to ship. Write for prices and particulars. Long-distance phone.

**ALEX. HUME & CO., Menie P. O., 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.**

## STONEHOUSE Ayrshires

The champion Canadian herd for 1910 at the leading shows. 32 head imp., 56 head to select from. R.O.P. official records, the best and richest bred types of the breed. Anything for sale. Young bulls, females all ages.

**HECTOR GORDON, HOWICK, QUE.**