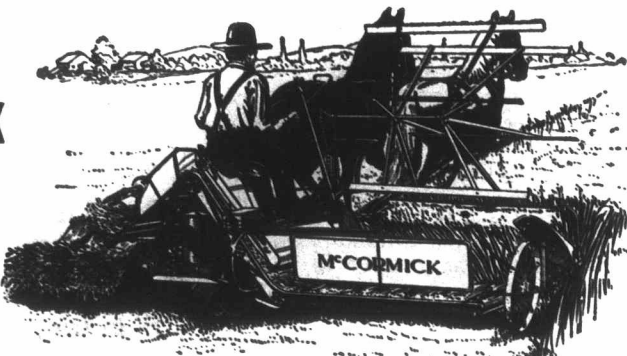


## The McCormick Binder



A BINDER is necessarily an important machine. All the more necessity for avoiding mistakes, by getting something of standard kind.

All McCormick harvesting machines are recognized as the standard in their particular line.

And especially is this true of the binder. Here are a few of the reasons why:

—The main frame forms a rigid and solid foundation for the machine to rest upon.

—The drive chain is strong and durable.

—The machine is equipped with roller bearings.

—Hence it is exceedingly light in draft.

—It has an improved clutch.

—Its countershaft cannot become wound with straw.

—Wide range of adjustment on reel—lifts high in cutting rye and other tall grain and lowers to pick up down grain.

—Both the main and grain wheels are provided with raising and lowering devices, so that

the machine can be adjusted to any height of stubble.

But you want to know, too, about the knottor, the beautiful simplicity, the adjustment, the work.

And you want to know them thoroughly and in detail.

We can only mention them here, just to put you in mind.

But be assured you cannot know too much about the binder you buy.

We provide a way for everybody to know.

In addition to grain and corn harvesting machines the McCormick line embraces Mowers, various styles and sizes of Hay Rakes, Hay Stackers and Binder Twine.

Call on the McCormick Agent for information or write nearest branch house for catalog.

CANADIAN BRANCHES: Calgary, London, Montreal, Ottawa, Regina, St. John, Toronto, Winnipeg.

INTERNATIONAL HARVESTER CO. OF AMERICA, CHICAGO, U. S. A.

(INCORPORATED.)

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### QUESTIONS AND ANSWERS. Miscellaneous.

#### GRAZING IN DENMARK—POINTS IN MILKING.

1. How many months in the year can cattle graze in Denmark?

2. Which is the correct way to milk a cow, front teats first, or crosswise?

3. Is it apt to decrease flow of milk by milking crosswise?

4. Is a cow more likely to calve in daylight, if you finish milking her on a Sunday?

Ans.—1. From 5½ to 6 months in each year.

2. Some authorities recommend milking the front quarters first, then the hind quarters, in preference to milking crosswise. The latter has its advocates too. I should say that a good, thorough milker can get good results either way.

3. I do not see why it should.

4. I do not know. [Note.—We do not think so.—Editor.]

C. MARKER.

#### "GOVERNMENT STANDARD SEED"

I am sending you a sample of clover seed. Is it pure clover? If there are any noxious weeds in it let me know the names of them. Is Government-tested seed supposed to be pure and clean from weeds?

Ans.—Our expert finds the seed to contain: green fescue, lamb's-quarters, timothy, alsike and redtop. While this sample of red clover is not pure, there are none of the noxious weed seeds in it which are mentioned in the Seed Control Act. With regard to Government-tested seed, or perhaps it might be better put "Government standard seed," which is the term used by the seedsmen this year without authority whatever from the Government, this does not mean absolutely pure seed. It does mean, however, that it may be sold subject to the Seed Control Act, and may mean anything from No. 1 seed, which should be practically free from noxious weed seeds, to the limit of what is allowed to be sold under the Act mentioned in section 6, which is, namely, 5 noxious weed seeds per 1,000 of the sample.

T. G. RAYNOR.

#### OXEN IN ALBERTA.

1. What are the advantages and disadvantages of oxen for work on a free homestead in Alberta compared with horses, also what is the price in that Province?

2. What are the prices of live stock and implements in Alberta compared with Ontario?

Ans.—1. Advantages: (1) The initial expense is less—an important point with the average homesteader. (2) Oxen will stand rougher usage, and do with less feed and care than horses. Breaking tough prairie sod, especially if partly covered with brush, is pretty stiff work, and soon puts a rough edge on even the best of horses, and well-broken oxen will do mighty good work, for they are steady, tenacious fighters on a hard draw. The disadvantages loom up when you think of using them on the road or for light work on the farm. They are slower than anything else on earth, at least so the average settler claims. In Alberta, they usually harness them with collars, and even use bridles very similar to those used on the horses. This saves considerable temptation to profanity. The price is a more difficult problem to answer. It varies largely with the district. In the newly-settled portions, oxen are high, because well-broken teams are scarce. From one hundred to one hundred and fifty dollars per team, and even higher in some places, would be about the usual price. Unbroken steers would be worth from thirty dollars up, depending on condition, size, and quality.

2. Range cows, or ordinary ones, are worth from twenty dollars up. Milch cows bring from thirty to fifty dollars. Horses are a little higher prices than in Ontario, though not so very much. Implements will cost from fifteen to twenty-five per cent. more than in Ontario, freight and greater expense of working and living being the cause. If "Subscriber" is thinking of coming to Alberta, he had better bring all the money he can—freight rates are very high on money. At farmers' sales, there is generally a discount of eight per cent. for cash, and an interest charge of the same amount on the balance. Subscriber can figure out for himself the importance of CASH in such conditions.

B. J. D.

### True Economy.

Refraining from expenditure is not always economy. It is often the reverse. Refraining from spending money on unnecessary luxuries is economy, but the refusal to invest money to advantage when opportunity occurs to invest it legitimately in one's own business is the reverse of economy.

The average farmer, when animals go off their feed, does not hesitate to invest in a package of Herbageum, because he knows positively that Herbageum will put the animal right. This is economy. The same farmer, however, may refuse to feed Herbageum regularly to his growing pigs, his milch cows or to his young calves. This is the reverse of economy. True, he apparently saves the price of the Herbageum immediately in sight, but the time and feed saved by the regular use of Herbageum in the production of pork, milk and beef is lost to him by this refusal to invest economically the price of Herbageum for regular feeding to his stock.

#### HIGHGROVE JERSEY HERD.

Our present offering is: a few choice heifer calves from 2 to 8 months old, which, considering quality, will be sold reasonable.

ROBT. TUFTS & SON, Tweed P.O. & Sta.

#### Brampton Jersey Herd

We have now for immediate sale 10 bulls, from 6 to 18 months old, descended from St. Lambert or imported stock; also females of all ages. In order to reduce our stock, we are making a special offer. For full particulars, address, B. H. BULL & SON, Phone 68, Brampton, Ont.

#### An extra nice Jersey Bull, fit for yearling

two bull calves. Prices reasonable.

F. S. WETHERALL, - Rushton Farm Cookshire, Que.

#### Cows from the

#### ANNANDALE HOLSTEIN HERD

Have won during the past show season at Ottawa first and sweepstakes on cow, first on 3-year-old, first on 2-year-old class. At Guelph (dairy test) first and sweepstakes on cow, first and second in heifers. At Chicago (National) first and sweepstakes on cow, also second-prize cow, second on 1-year-old heifers, and a host of other prizes (different cows at different shows).

Bull calves, 4 months and under only, for sale from great dams and greatest of sires. Buy young if you want them from Annandale Stock Farm.

GEO. RICE, Tillsonburg, Ont.

#### WOODBINE HOLSTEINS

Herd headed by Sir Mechthilde Posch, absolutely the best official-backed sire in Canada. Dam Ianthe Jewel Mechthilde, 25.8 pounds butter in seven days. Champion cow of Canada over all breeds. Sire's dam, Aaltje Posch (th), holds the world's largest two-day butter test record—8.6 pounds butter. Young bulls of the choicest quality for sale.

A. KENNEDY, Arr. Ont.

Arr. C.P.R.; Paris, G.T.R.

#### A FEW HOLSTEIN BULLS

fit for service, for sale at reasonable prices. Choice females, all ages. If you are willing to pay good prices for good stuff, write me.

G. W. CLEMONS, St. George, Ont.

#### Lyndale Holsteins.

For Sale A number of bull calves from one to four months old, out of Record of Merit cows, and sired by Beryl Wayne Paul Concordia, whose four nearest dams have official butter records averaging 22 lbs. 11 ozs. each.

BROWN BROS., LYN, ONT.

#### Centre and Hill View Holsteins

We have four yearling bulls left which we will sell at reduced price to quick buyers; from good producing strain; our own raising. Sold out of females at present. P. D. EDE, Oxford Centre P. O., Woodstock Station, C.P.R. and G. T. R.

#### HOLSTEINS AND CHESTER WHITES.

Our Holsteins are producers and prizewinners. Young bulls and a few choice heifers for sale, also some extra good young Chester White pigs, both sexes. D. G. GOODERHAM, Thornhill P. O. G. T. R. and street cars.

#### MAPLE GROVE HOLSTEIN-FRIESIANS

For Sale: Three bull calves, sired by Lord Wayne Mechthilde Calamity, and all out of Advanced Registry cows.

Apply

#### WALBURN RIVERS, Falden's Corners.

Grove Hill Holsteins—Herd contains 55 head, a number of which are in the advanced registry. Our stock bulls have all been backed up by high records. Present offering: Several young bulls and a few females.

F. R. MALLORY, Frankford P. O. and Sta., C.O.R.

#### "GLENABOY" HOLSTEINS

We have for immediate sale several young bulls, and a number of young females, that for type and superior quality, backed up by good breeding, are unsurpassed.

G. MACINTYRE, Ranfurrow P.O. and Sta.

#### IMPERIAL STOCK FARM HOLSTEINS

A prizewinning herd of imported, officially tested stock. Bulls of all ages for sale, also a few cows. W. H. SIMMONS, New Durham, Ontario.

## A Big Difference

One Minute's Washing as compared to at least fifteen. Wouldn't you like to save at least fourteen minutes twice a day?

One minute with a cloth and brush cleans the absolutely simple Sharples Dairy Tubular Cream Separator bowl shown in the upper picture. It takes fifteen minutes to half an hour with a cloth and something to dig out dents, grooves corners and holes to clean other bowls—one of which is shown in lower picture.



Washed in 1 minute.

Count the pieces—notice the difference—and you'll understand why the one who has to do the cleaning prefers the simple Sharples Tubular.

There are other advantages just as much in favor of the Tubular. Write to day for catalog V-193—it tells you all about the gain, use, and choice of a separator.

The Sharples Separator Co.,

West Chester, Pa.

Toronto, Can.

Chicago, Ill.



Washed in 15 to 30 minutes.

## I Have Imported

more prizewinning and high-class breeding sheep in the past twenty years than all other importers combined.

I WILL IMPORT anything you may need this year in cattle or sheep. Will leave for England on the 18th May. My address there will be: Care of Alfred Mansell & Co., Shrewsbury, Eng.

Robt. Miller, Stouffville, Ont.

GEO. D. FLETCHER,

Breeder of Scotch Shorthorn Cattle, Yorkshire Pigs,

and B.-C. White Leghorn fowl. Herd headed by the Duthie-bred bull (imp.) Joy of Morning =39070=, winner of first prize at Dominion Exhibition, Toronto, 1903. Young stock for sale. Eggs for hatching 75c. per setting.

Binkham P. O., Ont. Erin Station and Telegraph

#### BARREN COW CURE

makes animals breed. Abortive Cow Cure prevents animals aborting. Cures guaranteed or money refunded.

L. F. SMILECK, Morrisburg, Ont.

#### Glen Gow Shorthorns

Our present offering is 9 bulls, from 6 to 14 months of age, sired by Imp. Ben Loman and Imp. Joy of Morning, and out of imp. and Canadian bred cows. Also a number of very choice heifers. No fancy prices asked. Long distance telephone.

WM. SMITH, Columbus, P.O.

Brooklin and Myrtle Sts.

## BELMAR PARK SHORTHORNS

10 bull calves. 16 heifers under two years.

All of the choicest breeding and practically all of show yard quality. You can buy anything in the herd at a reasonable figure.

JOHN DOUGLAS, Manager. PETER WHITE, JR., Pembroke, Ont.

## SHORTHORN BULLS and HEIFERS

Sired by the Scotch bull, Scottish Lad 45061

FOR SALE.

S. DYMENT, Barrie, Ontario.

#### Glover Lea Stock Farm

## SHORTHORNS

FOR SALE: Choice bull calves by Golden Cross (imp.). All dark roans. Some from imported sire and dam. Visitors met at Ripley station.

R. H. REID, PINE RIVER, ONT.

Ripley Station, G. T. R.

#### Pine Ridge Jerseys

Present offering: Some good young cows and a choice lot of heifers, all ages, from 4 months up; also some good Cotswold sheep (registered).

WILLIAM WILLIS, Newmarket, Ont.

#### For Jersey Bull, registered.

Sale: Excellent St. Lambert strain. Large and handsome. Golden tawn color. Age five years. Gentle and sure stock getter. MARSHALL BROS., Inglebrook Jersey Herd, Crowland, Ont.