

A GENUINE 20th Century "Cow World" Wonder

WHAT NEXT? That's what our competitors asked—What Next? The AUTOMATIC has been a 20th Century Wonder. No machine has so interested the farm and dairy—"cow world"—for 25 years.

Get the big news on the only self-contained combination gasoline engine and cream separator—the AUTOMATIC—that farmers and dairymen everywhere in America have been waiting for. Nothing else like it. It's in a class by itself.

NOW When The Milking is Done, The Skimming is Done

For dairymen and farmers with three cows or more, this is the greatest machine invented for 25 years—as a labor-saver, time-saver and money-maker.

Read the fifteen points about the AUTOMATIC below that will show you at a glance why you ought to get one right away. You can trade in your old machine.

Look This Over for a Minute

You won't get the whole story here. But you'll get the idea at once. No man who sees the AUTOMATIC or hears about it can get away from wanting one, whether he has an old style hand crank machine or not.

First Consider

these fifteen points of undisputed AUTOMATIC Superiority that no other separator can get around:

- 1—The only Crankless and Gearless Standardized Perfect Separator in workmanship and materials.
- 2—The only Self-Contained Combination Cream Separator and Gasoline Engine—absolutely DEPENDABLE for your work twice a day, 365 days in the year.
- 3—Perfect skimmer and separates faster than 10 men can milk.
- 4—When the milking is done, the skimming is done.
- 5—Runs smoothly without watching—for 6 hours.
- 6—Engine power enough to do any work that man or woman power can do on farm or dairy.



The OLD Way—By Backache

BIG NEWS BOOK FREE

Just send your name at once for our big AUTOMATIC Book—just off the press for 1912—most complete and largest book on cream separators. Contains more money-making facts with big illustrations to prove them, both for farmers and dairymen, no matter how big a dairy you have or where you live. Get this book sure and know the facts whether you buy or not.



The NEW Way—By AUTOMATIC

The AUTOMATIC Self-Contained Combination Gasoline Engine and Cream Separator

7—One size Automatic for any size dairy.

8—Speed of bowl brought up in 15 seconds and will run for 6 hours without any variation.

9—Stands solid as a rock without vibration and absolutely odorless with exhaust tube attached to muffler.

10—Only one oil cup to fill.

11—Absolutely the MOST SANITARY and easiest cleaned—besides being exclusively "fool-proof."

12—No experience necessary as it is the simplest machine ever made both in engine and separator.

13—No cranking to start engine as you just give rope a pull on fly-wheel like spinning a top.

14—Strongest guarantee of perfect dependable work and price so low that it practically sells itself.

15—Actually the only perfectly SANITARY

Standard Separator Co., MORTON DECKER, President

Sole Manufacturers and Patentees

Separator, as it requires no crank operator whose breath and sweat may contaminate both the cream and milk while "turning" any old style separator.

Delivered on Your Place With Demonstration—at a Low Price That Will Astonish You

Most liberal guarantee and selling plan on the AUTOMATIC that you ever heard of—at a price so low for this combination machine, with or without its other power uses attachments, that you'll be delighted that you wrote to us to investigate the AUTOMATIC, with all of the combination work it will do, including any work on the place that man or woman power can do.

Book tells all, including all about the AUTOMATIC Electric Lighting Plant—to be used in connection with our AUTOMATIC Engine.

Decide now to write your postal or letter today, and mail it, for our BIG BOOK, which can make and save you many dollars if you will let it. Write today. Address

273 Reed St., Milwaukee, U. S. A. Be Sure to Ask for Book 10

The "STAY THERE"
Aluminum Ear Markers are the best. Being made of aluminum they are brighter, lighter, stronger and more durable than any other. Fit any part of the ear. Nothing to catch on feed trough or other obstacle. Your name, address and any series of numbers on each tag. Sample tag, catalogue and prices mailed free. Ask for them. Address: **WILCOX & HARVEY MFG. CO.**, Dept. D, 448 S. Dearborn St., Chicago, Ill.

MAPLE SOIL STOCK FARM

I have at present some young cows from three to five years old got by Sir Hergeveld John De Kol and bred to Idalin's Paul Veeman; also a few heifers and young bulls from eight to ten months old, sired by Idalin's Paul Veeman; also booking orders for spring stock. Belmont Sta., C.P.R.

H. C. Holtby, Belmont, P.O., Ont.

WILLOW BANK STOCK FARM

Shorthorns and Leicesters

Herd established 1855, flock 1848, have a special good lot of Shorthorns of either sex to offer of various ages; also a grand lot of Leicester sheep of either sex—a few imported ones to offer. **JAMES DOUGLAS**, **Caladonia, Ontario.**

"The Manor" Scotch Shorthorns

Present offering: 1 choice yearling bull, an "Undine," g. dam imp. Young cows in calf. Yearling heifers: Clippers, Minas, Wimples, Julias, etc. Inspector solicited. Prices moderate. Phone connection.

J. T. GIBSON, DENFIELD, ONTARIO

Shorthorns and Swine—Am now offering a very choice lot of cows and heifers, safe in calf, and some choice young bulls for the fall trade; also Berkshire and Yorkshire pigs; showyard material. **ISRAEL GROFF, Elmira Ont.**

Shorthorns, Shropshires and Berkshires and heifers, bred for milk production. High-class flock-heads, winners, and covered to the ground. Berkshires, both sexes of breeding age, show stock **W. Wilson, Brickley P.O., Hastings Sta., G.T.R.**

Shorthorns of Show Calibre

Only one bull for sale now, but 13 grand heifers by Mildred's Royal must be sold, as we have no bull to breed them to. Come and see them, or write.

GEO. GIER & SON, Grand Valley, Ont.

Shorthorn Bulls—12 to 16 months, reds and roans, Strathallans. A very choice lot of five, considering breeding and extra quality. We offer them at a bargain. The best bunch ever bred at Fairview. **J. & D. J. CAMPRILL, Fairview Farm, WOODVILLE, ONT.**

High Grove Jerseys & Yorkshires

No better blood in Canada. Present offerings. Choice young sows due to farrow in March. Jerseys, all ages, both sexes.

Arthur H. Tufts, P. O. Box 111, Tweed Ont.

Raise them without milk. Booklet free. **CLOUGH & CO., Lennoxville Que.**

Brampton Jerseys

cows and some calves for sale. Production and quality.

B. H. BULL & SON, BRAMPTON ONT.

CHERRYBANK AYRSHIRES

Imported and Canadian bred, with R. O. P. official records, headed by the renowned champion, Imp. Nethehall Milkman. Richly-bred females and young bulls for sale. **P. D. McArthur, North Georgetown, Ont.**

GLENHURST AYRSHIRES

Established over 50 years ago, and ever since kept up to a high standard. We can supply females of all ages and young bulls, the result of a life time's intelligent breeding; 45 head to select from. Let me know your wants. **JAMES BENNING, Williamstown P.O., Summerstown Sta., Glengarry.**

City View Ayrshires

One very choice bull, 20 months old; four 1911 bulls, all grand individuals, and from R. O. P. ancestors; could spare two or three more cows. Write or phone. **JAS. BEGG, R. R. No. 1, St. Thomas**

STONEHOUSE AYRSHIRES

Are coming to the front wherever shown. Look out for this at the leading exhibitions. Some choice young bulls for sale, as well as cows and heifers. **HECTOR GORDON, Howick, Quebec.**

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, R. R. No. 2, Hamilton, Ont.

Ayrshires and Yorkshires

We have still some good young bulls. Now is the time to buy for the coming season, before the best go. We have females any age, and can fill orders for carlots of Ayrshires. Pigs of either sex on hand.

ALEX. HUME & CO., Menie, Ont.

Dungannon Ayrshires and Yorkshires

For immediate sale are: Three choice young bulls and a few heifers; also young sows of breeding age, quality and breeding combined.

W. H. FURBER, Cobourg, Ont. L.-D. Phone.

When writing, please mention this paper.

Don Jersey Herd

Offers young bulls and heifers for sale; heifers bred to Eminent Royal Fern.

D. Duncan, Don, Ont., Duncan Stn., C.N.R.

Phone Long-distance Agincourt.

AYRSHIRES FOR SALE

Seven bulls and a few heifers of different ages, sired by Woodroffe Comrade, whose first heifer in milk, gave 11,392 lbs. milk, 480 lbs. butterfat in one year. Prices right. **H. C. HAMILTON, BOX GROVE P. O. ONT., Markham, G. T. R.; Locust Hill, C. P. R. Bell phone connection from Markham.**

HIGH-CLASS AYRSHIRES

If you are wanting a richly-bred young bull out of a 50-lb. a day and over cow, imported or Canadian-bred dam and sire, write me. Females all ages. Prices are easy. **D. A. Macfarlane, Kelso, Que.**

STONESTONE AYRSHIRES

Are coming to the front wherever shown. Look out for this at the leading exhibitions. Some choice young bulls for sale, as well as cows and heifers. **HECTOR GORDON, Howick, Quebec.**

HILLCREST AYRSHIRES

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

FRANK HARRIS, Mount Elgin, Ont.

Stockwood Ayrshires

Ayrshires are coming to the front wherever shown. This herd is now headed by White Hill Free Trader Imp. No. 33273, champion bull at Sherbrooke, and a bonded first-prize aged herd. Stock of all ages for sale. Satisfaction guaranteed. **B. M. WATTS, St. Louis Station, Que. Telephone 1000.**

QUESTIONS AND ANSWERS. Miscellaneous.

"DURHAM" AND "SHORT-HORN."

Would like to know whether there is any difference between the Durham and the Shorthorn breed of cattle of to-day. **OLD SUBSCRIBER.**

Ans.—Two names for the same breed, the latter being the correct appellation.

LICE ON CATTLE.

Can you give some treatment for cleaning cattle of lice? The variety are dark red, and small in size. **E. B.**

Ans.—Experienced cattlemen have reported satisfaction from the use of dry cement sifted along the back. The cement being heavy, finds its way down the back and sides and destroys the lice by suffocation. To make it more certain in its effect, mix insect powder (pyrethrum) with the cement. Clipping the hair along the center of the back gives the cement a better chance to do its work. Crude petroleum, or a mixture of coal oil and linseed oil or lard, will also answer the purpose.

MILK OR CREAM?

1. Which would pay the better, to sell milk at four cents per quart, or sell cream at 32 cents per lb. butter-fat? Milk tests 3 1/2 per cent.

2. How much butter can be made from 1 lb. butter-fat?

3. How much would a hundred quarts of milk come to at 32 cents per lb. butter-fat? That is our average amount of milk daily. **J. P.**

Ans.—1. So far as the direct cash returns are connected, there is considerably more money in wholesaling milk at four cents a quart than in selling the cream at 32 cents per pound of fat. Per cwt. of milk, the relative returns would figure out at about \$1.60 : \$1.12. There is besides the labor of separating, though this might, in some cases, be partly compensated by the less frequent delivery usually necessitated when selling cream. Of course, the great point in favor of cream is the saving of the skim milk to feed, but it would take a pretty skillful feeder to make any considerable quantity of it worth fifty or fifty-five cents per cwt.

2. As a rule, about one and one-sixth pounds butter should be made from a pound of fat.

3. Approximately, \$2.80. A quart of milk weighs a very little over 2 1/2 pounds.

HARDY ALFALFA.

Could you advise the farmers in the purchase of alfalfa seed, whether there are some varieties that are not hardy, and how to distinguish between them and the hardy kinds. A prominent Toronto seedsman is offering a variety said to be grown in North-western States. The sample is very large, and fine and clean. How can we tell whether it be hardy or not? Would a sample said to be grown in Ontario, be better for us to sow? I have been sowing alfalfa in small quantities during the past four years, and have noticed that some stand the winter better than others. But I purchased the seed from the local seedsman without making any inquiries. If you can give any information at this season of the year, we would be very thankful. **A SUBSCRIBER.**

Ans.—"The Farmer's Advocate" of January 4th contained the text of an address by Prof. C. A. Zavitz, O. A. C., Guelph, upon the subject, "Hardy Strains of Alfalfa for Ontario." While, as a rule, the common alfalfa proves reasonably hardy in Ontario, especially when grown from seed produced in latitudes not farther south than where it is to be sown, it seems that there are at least two specially hardy and commendable varieties which have given a good account of themselves in experimental test. One of these is the Grimm alfalfa, grown in Minnesota, and the other is the Canadian Variegated alfalfa, grown by farmers in certain parts of the Ontario Counties of Lincoln, Haldimand and Welland. Hardy strains of common Western alfalfa have also been secured from Montana and South Dakota. The whole question is worthy of very careful study. Buy the best seed obtainable every time, and always be sure the seed is free of bad weed seeds. Send a sample before purchasing to "The Seed Laboratory," Department of Agriculture, Ottawa.