

## QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.  
2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.  
3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.  
4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

## Miscellaneous.

## SWELLED HEADS IN TURKEYS

Is there anything that would help my turkeys? They are active enough, and eat well, but their heads swell so they can hardly see out of their eyes.

A. E.

Ans.—This is probably roup, which does not usually affect turkeys that are at large on a disease-free run. The disease is classed as contagious, and experts advise isolating birds affected, and unless they respond promptly to treatment, kill and bury or burn. Ordinary influenza does but seriously affect the throat, and can be treated as a cold. For contagious diptheric roup, the following remedy has been suggested: One ounce oil of sassafras, one ounce best Jamaica ginger, one ounce tincture of iron, one ounce alcohol, half ounce prickly ash fluid extract, one-fourth ounce anise. Dose, 15 drops to one teaspoonful to each gallon of drinking water.

## PROBABLY TUBERCULOSIS IN FOWLS.

Our hens are dying from some disease. I have not noticed any symptoms only that their combs are not bright red till they drop over dead—then I find them to be very thin and light, and liver full of white spots, and cheesy looking. Would like to know what the disease is; also cause, and cure?

A. R.

Ans.—Symptoms point strongly to tuberculosis. If you had mentioned diarrhea and lameness, we would be quite positive, but the latter two symptoms do not always occur. The diarrheal droppings, when they do occur, appear of a green or greenish-white color. Send a carcass to Prof. S. F. Edwards, Bacteriologist, O. A. C., Guelph, Ont., and ask for his bulletin on tuberculosis of fowls. Meanwhile isolate all affected birds. Probably your best plan will be to kill off the whole stock, marketing the healthy birds, and burning all parts of affected ones. Thoroughly disinfect and whitewash the premises, clean up generally, and commence with new, healthy stock.

## GOSSIP.

## COMING EVENTS.

Annual meeting Dominion Grange, at Toronto, January 24th and 25th.  
First annual convention of the Ontario Plowman's Association, Toronto, February 2nd.  
Ontario Association of Fairs and Exhibitions, Toronto, February 7th and 8th.  
Canadian National Live-stock Association, Ottawa, February 12th and 13th.  
Dominion Conference of Fruit Growers, Ottawa, February 21st and 22nd.  
Manitoba Winter Fair, Brandon, Man., March 2nd to 8th.

## STOCK SALE DATES CLAIMED.

January 25th.—At Burford, Ont.; pure-bred registered sheep.  
January 25th.—J. B. Pearson, Meadowvale, Ont.; Berkshires, and other stock and implements.  
February 1st.—David Bell, Bright, Ont.; heavy draft horses and Shorthorns.  
February 7th and 8th.—At Union Stockyards, Toronto; consignment sale of Shorthorns.  
February 9th.—James Russell, Richmond Hill, Ont.; Shorthorns, dispersion.  
February 9th.—At Eglinton, Ont., on Yonge street, north of Toronto; consignment sale of Holsteins.  
February 28th.—At Parkhill, Ont., R. & S. Nicholson, and H. K. Fairbairn; Shorthorns.  
March 6th.—Nelles & Woodley, Boston, Ont.; Holsteins.  
March 6th.—Provincial pure-bred cattle sale, in Winter Fair Building, Guelph, Ont.  
April 3rd.—Holstein-breeders' Club; second annual consignment sale, Belleville, Ont.

# NOW! When the Milking is Done —the Skimming is Done

GET the Big News on the only self-contained combination gasoline engine and cream separator—the AUTOMATIC—that farmers and dairymen everywhere the world over have been waiting for. Nothing else like it. It's in a class by itself—at least 10 years in advance of all competitors. For dairymen or farmers with three cows or more, this is the greatest machine invented for twenty-five years—as a labor-saver, time-saver and money-maker.



The Old Way  
—by Backache

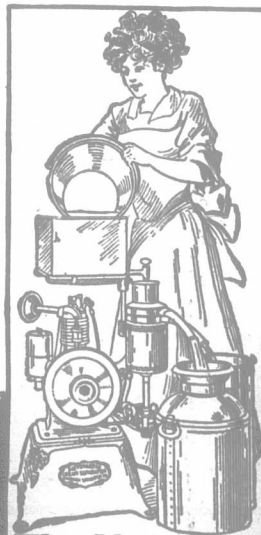
Read the fifteen points about the AUTOMATIC below that will show you at a glance why you ought to get one right away.

## 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—or you can trade in your old machine. Investigate. All we want you to do is to write us a postal for our big book which explains every advantage fully and proves to you why the AUTOMATIC is the most dependable cream separator, besides all its other advantages.

We prove this to you in our big book, by United States Government tests, State Agricultural Station tests and as many testimonials as you'll care to read or follow-up showing the enthusiasm and experience from expressions of thousands who have already had a chance to use the AUTOMATIC. We sold thousands before starting out to advertise at all.

The AUTOMATIC is "shaking the dollars right out of competitors' pockets into yours," everywhere it is working. Read the facts below and write for big color illustrated book free.



The New Way  
—by AUTOMATIC

# The AUTOMATIC

## Self-Contained Combination Gasoline Engine and Cream Separator

Here are  
15 Points on the AUTOMATIC that Nobody 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.
- 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 will run for 6 hours without any variation.
- 7—One size Automatic for any size dairy.
- 8—Speed of bowl brought up in 15 seconds and tube attached to muffler.
- 9—Stands solid as a rock without vibration and absolutely odorless with exhaust proof and easiest to learn to run.
- 10—Only one oil cup to fill.
- 11—Absolutely the most sanitary and easiest cleaner—besides being "fool proof" and easiest to learn to run.
- 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 work. Price so low that it practically sells itself.
- 15—Get big illustrated book—shows 100 points of superiority.

## BIG NEWS

Write **JUST** send your name so we can mail you at once our big AUTOMATIC Book—just off the press for 1912—the most complete and largest book on cream separators, and contains more money-making facts with big illustrations to prove them, both for farmers and dairymen no matter what size dairy you have or where you live. Get this book sure. Investigate and know the facts whether you buy from us or not.



**BOOK FREE**

A Postal  
Will Do

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 power uses 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. The total expense for operating this 20-light 16-volt plant is guaranteed less than 3 cents for each hour engine is run. It can also be used for operating electric fans, washing machines, sewing machines, etc. We use a novel AUTOMATIC switch which avoids all danger in operating and insures uniform, reliable service. **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.**

Standard Separator Company  
MORTON DECKER, President

Sole Manufacturers and Patentees of the AUTOMATIC  
The only Self-Contained Combination Gasoline Engine and Cream Separator in the World

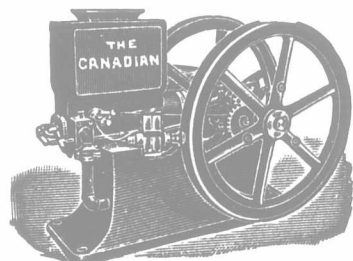
278 Reed Street Milwaukee—U. S. A.  
Be Sure To Ask For Book 10

## THE CANADIAN ENGINE

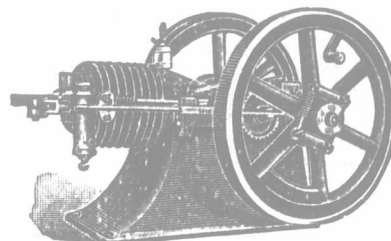
In sizes from 1 1/2 h.-p. to 35 h.-p.

Air or water cooled.  
Stationary or portable.  
Absolutely guaranteed.

Write for Catalogue.



HOPPER COOLED ENGINE



AIR COOLED ENGINE

CANADIAN - AMERICAN GAS & GASOLINE ENGINE CO., LIMITED,  
Dunnville, Ontario

Frost & Wood Co., Ltd., Smith's Falls, Ont., exclusive selling agents for Eastern Ontario, Quebec and Maritime Provinces

**When Writing Advertisers Mention this Paper.**