

It will shorten and lighten your day's work.

Here's a PERMANENT farm hand that you can OWN for \$42.50.

At a cost of 2 cents per hour for fuel, this wonderful little engine will prove a wonderful labor-saver and economizer.

For churning, operating a cream separator, or running such machinery as the washing machine, or the fanning mill, this engine really has no equal.

We have larger engines for heavier work—priced as follows:

1 1/4 h.p.	\$ 49.00
3 h.p.	73.00
5 h.p.	128.00
6 h.p.	174.00

The Page Wire Fence Co., Limited
1143 King Street West - - TORONTO

\$15.95 UPWARD ON TRIAL
Fully Guaranteed

American CREAM SEPARATOR

A SOLID PROPOSITION to send a new, well made, easy running, perfect skimming separator for \$15.95. Skims warm or cold milk; making heavy or light cream.

ABSOLUTELY ON APPROVAL
Bowl a sanitary marvel, easily cleaned. Different from picture which illustrates our large capacity machines. Shipments made promptly from Winnipeg, Man., Toronto, Ont., and St. John, N.B. Whether dairy is large or small, write for handsome free catalog. Address: **AMERICAN SEPARATOR CO., Box 3200 Bainbridge, N. Y.**

BE SURE AND ASK FOR THE

Maxwell

Line of WASHERS, CHURNS, BUTTER WORKERS, FOOD CUTTERS, GAS ENGINES, etc. Write for Catalogue.
Maxwells Limited, St. Mary's, Ontario

Lakeside Ayrshires

A few young bulls, or sale from Record of Performance dams, imported and Canadian-bred, sired by Auchinbrain Sea Foam (imp.) 35758, grand champion at both Quebec and Sherbrooke. Write for catalogue.

GEO. H. MONTGOMERY, Proprietor
Dominion Express Bldg., Montreal, Que.
D. McArthur, Manager, Phillipsburg, Quebec

ALDERLEY EDGE AYRSHIRES

Two yearling bulls sired by Lakeside Day Star (Morton Mains Planet). Write for description.
J. R. Kennedy Knowlton, Que.

Stockwood Ayrshires

Sired by my royally-bred and prizewinning bull, Whitehall King of Hearts, imp., for sale are in calf heifers and young bulls, out of imp. and big producing cows.
D. M. Watt, St. Louis St. P. O., Quebec

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 or sire, write me. Females all ages. Prices are easy.
D. A. MacFarlane Kelso, Quebec

Jerseys for Sale

I am offering two very fine Jersey bulls, age 10 and 12 months, also heifer calves from imp. sire and high-testing dams. To prevent inbreeding will sell my stock bull, De La Roche Duke (imp.). Prices right.
Chas. E. Rogers, Ingersoll, Ont.

Swine for Sale

Am offering choice stock in Poland-China and Chester White swine of either sex; most any age. First-prize Poland-China herd London and Toronto, 1915. Price easy.
GEO. G. GOULD, R.R. 4, Essex, Ont.

Questions and Answers. Miscellaneous.

One or Two Silos.

We are very much interested in silos. Our old one, a stave silo, has been in use since 1898, and is giving good service yet, but it is too small for us now. It is octagonal 12 feet by 24 feet. Our place is fairly high and dry, is a strong loam and corn does very well on it, as we have had some very heavy crops and depend on it more than any other feed for dairy cows. We intend putting in enough in the future to practically feed the year through with the exception of when the pasture is fresh. Now my question is which in your estimation is more serviceable to hold ten acres of good crop—one large silo or two smaller ones? Could you get high enough (so it could be filled) to hold that quantity without getting too wide to feed off fast enough to keep from spoiling in summer to say twelve cows. Some tell me that there is too much waste in two, and that it is better to just have one large one, but I am afraid that to have to build large enough to hold that amount their would be more waste in not feeding off fast enough, and to keep the size of our old one and go up it would have to go too high to fill as we have had it full off four acres and quite frequently off five. Would just like to have your opinion on the matter as we haven't decided on anything definite yet.

H. A. S.

Ans.—You would have no trouble getting ten acres of corn into one silo as far as height is concerned. We have a silo at Weldwood, 14 feet in diameter and 40 feet high and it has held 12 acres of corn. We would advise building one silo but there would be some summer waste. Read the article on "All Kinds of Silos for All Kinds of Farms" on page 1032 of our issue of June 15. It gives the amounts different sizes of silos will hold, also the amounts fed off per day to different numbers of cattle.

Gapes in Chickens—Turnip Seed.

1. What causes gapes in chickens?
2. What will cure gapes?
3. What is the meaning of the word "Limited" when used in connection with a company?
4. Will turnip seed from 1 to 4 years old grow as well as new seed?
5. What will prevent horse's legs from swelling when standing in the stable?

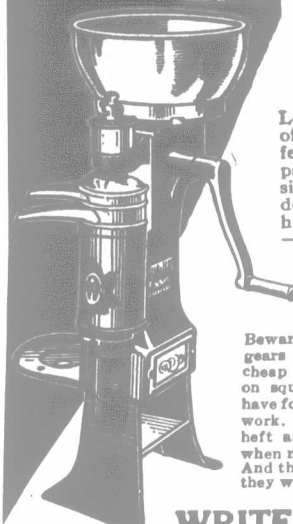
C. R. L.

Ans.—1 and 2. Gapes is due to the presence of minute parasitic worms in the air passages of the fowl. These worms cause irritation and inflammation of the membrane of the passages. Eggs develop and grow to adult worms within the trachea of the bird. These may be coughed up or voided in the droppings. Other birds or chicks pick them up and not only develop the disease but become a source of spreading the trouble. In eradicating the disease it is important to isolate all affected birds so as to prevent its spread. Feed troughs and water dishes should be scalded and houses and runs disinfected. The individual surgical method may be profitably practiced in some cases. It consists of stripping a small quill feather all but a tuft at the point. Moisten it in turpentine and introduce it into the trachea, turn it round, then with draw it with the worms. While this method is effectual the operator must be careful not to lacerate the windpipe or cause suffocation. Horse hair works equally as well as a feather for removing the worms.

3. That the members of a company are individually liable for the company's debts only to a specified amount, often not exceeding the amount of stock that each holds.
4. While old seed may grow the fresher it is the better. Before sowing old seed test out some of it to see if the germination is good.
5. Some horses are predisposed to the trouble. Heavy feeding with insufficient exercise is frequently the cause of legs swelling.

The Finest Separator in the World is Made in Canada "MAGNET"

Square Gears
One-Piece Skimmer
Double Support For Bowl
Solid Construction
Perfect Skimming
Long Life



Make More Money from Cows Get More Cream—Cut the Cost of Running Your Dairy.

A cheap separator steals your dairy profits. A Magnet delivers all the butterfat the milk contains. It will skim as close in fifty years as it does to-day. Its solid construction, its sturdy materials, its special design make it a long-life separator that can never wear out. It must be well built to stand the terrific speed at which the bowl turns. Oiling and adjustment are rarely needed because it runs so easily and is so conveniently designed for quick cleaning.

Long Service: Perfect Service

The first Magnet Separator ever built is in our factory. It has been run the equal of fifty years twice-a-day service. Yet it skims as close and clean to-day as if it were new. Runs as smoothly as a watch because it is mechanically true. Every Magnet built has been constructed on the same lines with new features added that give years to the life of the machine.

MAGNET CREAM SEPARATORS

STURDY BUILD

Look at the strong build of the Magnet. Solid perfect castings, sound steel parts and bronze gears, designed with the weight low down. You need not handle the Magnet gently—it's built for hard wear, and years of it.

LONG-LIFE SQUARE GEARS

Beware of the quick-wearing worm-gears that are built to make cheap separators. Magnet works on square gears which mechanics have found to be best for high speed work. Remember they have the heft and weight to carry the load when milk is poured into the tank. And they are balanced true so that they will never wear out.

EASY TO RUN

There are scores of children operating Magnets to-day—it's the smoothest running separator in the world. Write Mr. Vipond of Donegal, Ont. whose seven year old daughter operates a Magnet. No stopping for oiling and adjustment, or taking the clogging matter from the skimmer.

EASY TO CLEAN

Best of all for the woman on the farm, the Magnet can be cleaned in five minutes. Henry Weimar's boy (Belmore, Ont.) was taking apart and fixing the Magnet at 6 years of age. Skimmer one-piece and open, can be cleaned by hand and a cloth. No awkward bends in spouts—cleaned quickly with our brush.

SKIMS THE LAST DROP OF CREAM

A clean, close skimmer, too, that takes off the very last drop of cream. Hot or cold milk, level or rough ground the Magnet will skim close even up to 66 per cent. cream. Magnet wrench is only tool needed for any adjustment.

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FREE BOOKS and
A DEMONSTRATION

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St. John, Calgary, Edmonton,
Regina, Vancouver, Lethbridge

Please give me your Book and your Demonstration.

Name

Address

THE WOODVIEW FARM
JERSEYS
LONDON, ONTARIO

John Pringle, Proprietor

Canada's Most Beautiful Jersey Herd—Half the herd imported from the Island of Jersey. Several cows in the Record of Merit and others now under official test. Some very choice stock for sale. When writing, state distinctly what you desire, or better still, come and see them. Farm just outside city limits. We work our show cows and show our work cows.

YOUNG Brampton Jerseys BULLS

For the next fortnight we are making a special offering on young bulls, bred from the highest producing families ever introduced into Canada. Brampton Jerseys and their descendants hold all Jersey R.O.P. records save one. Females all ages also for sale. B. H. BULL & SON, Brampton, Ontario

DON JERSEYS

Special Offering—A few choice yearling bulls fit for service, also heifer calves six months old, sired by Eminent Royal Fern. Write for what you want.
D. DUNCAN & SON, Todmorden, R. R. No. 1, Duncan Sta., C.N.O.

City View Ayrshires—Improve your milk test. Four yearling bulls fit for service, sired by bulls from R.O.P. dams and from R.O.P. cows. Average test for the year 4.15, 4.21, 4.64 and 4.7 per cent. fat. Prices reasonable. Cash or credit on bankable paper. Eggs for setting, R.-C. and S.-C. Rhode Island Reds. Winners wherever shown.
JAMES BEGG & SON, R.R. 1, St. Thomas, Ont.