

# The Power Behind the Profitable Farm

Farmers to-day have the best chance ever to make money—if they can only solve the labor problem!

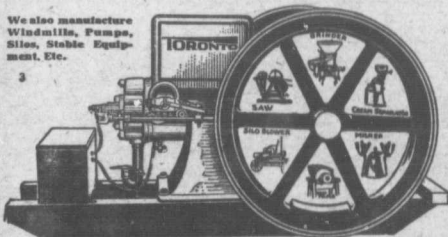
Here's where the TORONTO Gasoline Engine comes in. It handles no end of heavy work around the barn and house, and does it far cheaper than hired men—even if you could get them. From grinding, driving the straw and hay cutter, filling the silo, pumping water and sawing wood, down to running the milker, the separator and the grindstone, it will do so many hard, tiresome jobs that you'll wonder how you ever got along without it.

## TORONTO ENGINES

give particular food satisfaction because they are so simple and cleanable. Our illustrated booklet shows that there is nothing complicated about them to be figured out, tinkered up or referred to experts—nothing likely to get out of order and fit in an important job. They start easily and run like clockwork, at a speed that can be controlled within wide limits while they are running.

We also manufacture Windmills, Pumps, Silos, Stable Equipment, Etc.

Duty of Magneto Ignition—Gasoline, Kerosene or Natural Gas Fuel. Made in five sizes—16, 24, 4, 6 and 8 H.P. Trucks furnished if desired. Full descriptions, specifications and shipping weights are given in our new illustrated Catalogue, which valuable list on using power instead of labor, advantage and profit. Write and we will send you the Booklet promptly.



## Saw at ease with this TORONTO POLE SAW



WITH its rigid, thoroughly braced frame of Angle Steel—adjustable, self-aligning babbit bearings—heavy fly-wheel on independent countershaft, entry out of the way—and special belt tighteners—the Toronto Pole Saw is handy, sturdy, fast and very durable.

Write for our Booklets describing TORONTO Saws, Grinders and Gasoline Engines. 21

Ontario Wind Engine and Pump Co. Limited

Dept. "B" TORONTO and MONTREAL.

## Keeps Silage Fresh & Juicy

YOU'LL see the difference an airtight, watertight cover will make in your stock almost at once. Cattle crave the fresh, juicy silage that keeps them in better tone throughout the winter months and creates a rich, heavy flow of milk.

### FEDLAR'S PATENT SHEET METAL SILO COVERS

keep silage fresh and tender as June pasture grasses fit to the last leaf. Absolutely rain-tight and lightning-proof. Cannot rust or decay. Made in hip or single pitch style. Shipped complete in sections that lock together tight and secure. A bushel here is only one result of Pedlarizing your Silo with a Fedlar Silo Cover. Write now for Booklet, 10.

THE PEDLAR PEOPLE, LIMITED

(Established 1844)

Executive Office & Factories:

OSHAWA, ONT.

Branches: Montreal,

Ottawa, Toronto,

London, Winnipeg



## DEAL WITH

Farm & Dairy's Advertisers

## The Sherbrooke Fair

WITH the exception of occasional showers, the time-worn phrase "fine weather, fine crowd, and fine stock," would be quite applicable to the great Eastern Exhibition of Canada for 1917, held at Sherbrooke, Que., Aug. 25—Sept. 1. Even though the weather was far from perfect, especially on Thursday, the attendance was very good, and the stock, both as to quality and numbers, was an eye-opener to any present who were strangers to the locality.

Sherbrooke Fair is pre-eminently a farmers' fair. They were there by the thousand and the afternoon live stock parades before the grandstand, with brass bands in attendance, seemed to attract about as much attention as the horse racing which followed, or that never-failing combination of noise and attraction—the midway. Some idea of the number of stock shown may be formed by the fact that when the cattle alone paraded, the race track would not nearly accommodate them in single file, and the leaders had to crowd together after completing the circuit and wait for the rear guard to be started before they could make an exit through the same gate.

All the well-known breeds were represented, as well as some which are not quite so well known, namely, the French-Canadian and Brown Swiss. The latter breed aroused considerable discussion among the bystanders, as to whether it was a dairy or beef breed, the general verdict tending toward the idea that it was dairy. The following are the names of a few of the exhibitors who were in attendance and their respective breeds:

Ayrshires were exhibited by W. D. Parker & Sons, Compton, Que.; M. St. Marie, Compton; W. F. Kay, M. P., Phillipsburg, Que.; J. B. Taylor, Ayers CHG, Que.; David Ness, Howick, Que.; Mr. Haver, Ayers Cliff, and others. A few of the Holsteins men present with herds were: Harding Bros., Wellesford, N. B.; P. W. Taber, East Farnham, Que.; J. J. Anderson, St. Louis, Que.; Wm. Aubrey, Sherbrooke, Que.; Jos. Clement, Ste. Henri, Que.; and M. W. Miller, Brown Centre, Que. Three herds of Brown Swiss were on hand, those of C. St. Stanislas, Ayers Cliff; Mr. Libby, Ayers Cliff; and Mr. Jolley, Waterloo, Que. There were also three herds of Jerseys, the largest herd being shown by Edwards and Alexander, Coaticook, Que. French-Canadians were represented by Arsene Desjardis, of St. Norbert Station, Que., and Wm. Powers, St. Paudoux, Que. Guernseys were not so strong as the other breeds, there being but one herd present and it was rather out of condition.

### Outstanding Animals.

Although the stock as a whole was very uniform, there were a few outstanding winners and probably the most noticeable of these was P. W. Taber's young Holstein cow, Clothilde Joan DeCol, 26829, who won first in her class, and also the grand champion. She is a cow of wonderful type and capacity and will be heard from later. Her dam, Lyons Beauty Clothilde, who is 14 years old, won third place in the same class, which speaks well for the strain. "Like begets like." Another centre of attraction was Mr. M. W. Miller's twin heifers, which won first and second place in the yearling class. Harding's senior champion, the year-old bull, Sir Faotir Schulling, by Schulling Sir Posch, is also a fine individual, weighing 2,460 lbs., and still full of quality. The junior championship went to Wm. Aubrey's yearling, a wonderful animal weighing 1,650 lbs. in fair condition.

Among the Ayrshires, a greater uniformity of quality was shown and outstanding winners were not so much in evidence. The grand champion bulls, both senior and junior, owned by Ness, were exceptional animals, as was also

the grand champion female. The following are the winners:

### Holstein Awards.

Aged bull—1 and 2, Harding Bros.; 3, P. W. Taber; 4, J. J. Alexander. Two-year-old bull—1, Harding Bros.; 2, A. C. Pacey; 3, J. J. Alexander. Yearling bull—1, W. J. Aubrey; 2, Marshall and Mills; 3, A. C. Wise; 4, Joseph Clement. Bull calf—1 and 2, Harding Bros.; 3, Louis Heifer; 4, Alf. Gingsras. Aged cow—1, 3 and 4, P. W. Taber; 2, Harding Bros.

Cow, three years old—1, J. J. Alexander; 2, Louis Heifer; 3, P. W. Taber; 4, Joseph Clement. Cow, two years old—1 and 3, Harding Bros.; 2, P. W. Taber; 4, Louis Heifer.

Heifer, one-year-old—1 and 3, Harding Bros.; 2 and 4, Marshall Miller. Senior heifer calf—1 and 2, Harding Bros.; 3, J. J. Alexander; 4, Alf. Gingsras.

Junior heifer calf—1 and 2, Harding Bros.; 3, P. W. Taber; 4, J. J. Alexander. Senior herd—1, P. W. Taber; 2, Harding Bros.; 3, J. J. Alexander; 4, Joseph Clement.

Junior herd—1, Harding Bros.; 2, J. J. Alexander; 3, Joseph Clement. Best three heifer calves, under one year—1, Harding Bros.; 2, J. J. Alexander; 3, Joseph Clement.

Two bull calves, one year—1, Harding Bros.; 2, Joseph Clement; 3, J. J. Alexander. Cow and two of progeny—1, Harding Bros.; 2, P. W. Taber; 3, J. J. Alexander.

Three animals, get of one sire—1, Harding Bros.; 2, P. W. Taber. Ayrshire Awards. Aged bull—1, David Ness; 2, W. F. Kay; 3, Louis Goggs.

Two-year-old bull—1, J. P. Cavers; 2, David Ness; 3, W. F. Kay. Yearling bull—1 and 3, David Ness; 2, J. P. Cavers; 4, W. D. Parker.

Senior bull calf—1, W. D. Parker; 2, W. F. Kay; 3, J. P. Cavers; 4, David Ness. Junior bull calf—1, Arsene Denis; 2 and 4, B. J. Taylor; 3, W. F. Kay.

Aged cow—1, B. J. Taylor; 2, J. P. Cavers; 3, W. F. Kay; 4, David Ness. Cow, three years—1, David Ness; 2 and 3, J. P. Cavers; 4, W. F. Kay.

Heifer, two years—1 and 2, W. F. Kay; 3, David Ness; 4, J. P. Cavers. Heifer, one year—1 and 3, David Ness; 2, B. J. Taylor; 4, J. P. Cavers.

Senior heifer calf—1, Cavers; 2 and 4, Ness; 3, Kay. Junior heifer calf—1 and 2, Parker; 3, Kay; 4, Taylor. Aged herd—1, Ness; 2, Cavers; 3, Kay; 4, Taylor.

Junior herd—1, Ness; 2, Cavers; 3, Parker; 4, Kay. Four animals, either sex, get of one sire—1, 2, Ness; 3, Cavers; 4, Taylor.

Two animals, either sex, progeny of one cow—1 and 2, Kay; 3, Ness; 4, St. Marie. Two bull calves, under one year—1, Parker; 2, Kay. Three heifer calves—1, Ness; 2, Kay. Grand champion male—Ness. Grand champion female—Ness.

The proper watering of the horse is important. Mr. Peters of the North Dakota Experiment Station, makes the following suggestions: A horse before being fed hay or straw, rather than after. The reason for this is that the stomach of the horse is comparatively small and if he eats a heavy feed of grain or hay or both, and then drinks a large quantity of water a portion of the feed will be washed from the stomach into the intestines before it has sufficiently acted upon; the digestive fluids of the stomach and colon is likely to develop. The regular practice should be to water before feeding.