

The Greatest Engine
Value Offered —

The new "Z" Engine

Absolutely the one great, convincing engine value.

**Fairbanks-Morse Quality
at a Popular Price**

That's the story in a nutshell. This new "Z" Engine puts dependable, efficient, economical "power" within the reach of every farm.

**All Sizes Can Be Shipped Immediately
From Stock.**

Simple—Light Weight—Substantial—Fool-proof Construction—Gun Barrel Cylinder Bore—Leak-proof Compression—Complete with Built-in Magneto. Quick starting even in cold weather. Low first cost—low fuel cost—low maintenance cost. That's the new "Z" engine.

**GO TO YOUR
DEALER AND See the "Z"**

Inspect it. Compare it. Match it point by point. Have him show you the features that make the new "Z" engine the greatest engine value offered. You'll buy it.

The Canadian Fairbanks-Morse Co. Limited

St. John, Montreal, Toronto,
Winnipeg, Saskatoon,
Calgary, Vancouver.

**1½ H.P.
On Skids With
BUILT-IN
MAGNETO**

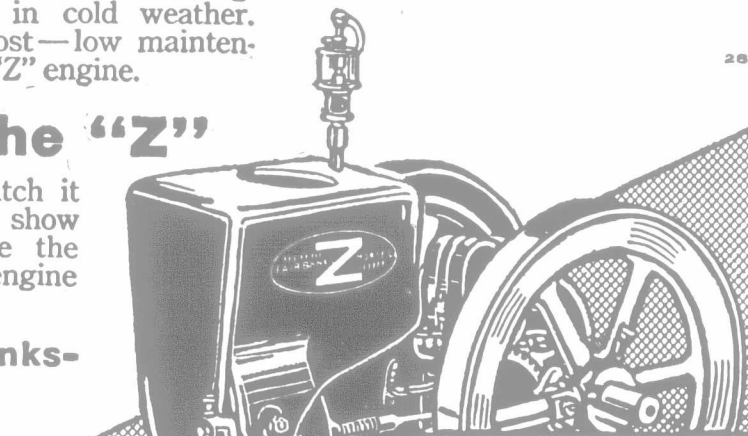
\$71.00

3-H.P. \$126

6-H.P. \$225

F.O.B. Montreal or Toronto

Scarcity and increased cost of material make this advance in price, effective after October 1st, imperative.



Important Dealer Service

When you buy an engine from your dealer you deal with a local representative of the manufacturers. He shares their responsibility. He stands behind the engine he sells. He's responsible to you. He's at your service to see that you are satisfied. And he's as near you as your telephone any time you want him.

TWENTY FIVE YEARS BREEDING Registered Jerseys and Berkshires

We have bred over one half the world's Jersey Champions, for large yearly production, at the pail. We bred and have in service, the two grand Champion Berkshire boars. If you need a sire for improvement, write us for literature, description, and prices.

HOOD FARM, LOWELL, MASS.

Fernbrook Ayrshires

Young bulls for sale (out of R.O.P. dams) from one to fifteen months old; tracing closely to the world's champions, Garraugh May Mischief and Jean Armour.

COLLIER BROS., Beachville, Ont.
(OXFORD COUNTY)

AYRSHIRE COWS

are heavy milk producers, rich in butter-fat and very profitable.

WRITE W.F. STEPHEN, Secretary
CANADIAN AYRSHIRE BREEDERS' ASS'n
Box 513, Huntingdon, Que.

CITY VIEW AYRSHIRES

Increase your test—5 young bulls from R.O.P. dams (test-time from 4.15 to 5.02% fat). Sired by bulls from record cows.

JAMES BEGG & SON, ST. THOMAS, ONT.

THE WOODVIEW FARM JERSEYS

LONDON, ONTARIO
John Pringle, Prop.

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

Young BRAMPTON JERSEYS Bulls

For 50 years I have been breeding the great Flos tribe of Ayrshires; dozens of them have been 60-lb. cows. I have lots of them get 60 lbs. a day on twice-a-day milking. Young bulls 1 to 10 months of age, females all ages. If this kind of production appeals to you, write me.

James Benning, Williamstown, Ont.

CANADA'S MOST BEAUTIFUL JERSEY HERD
The foundation of this herd is made up of very high-class cows, imported from the Island of Jersey, most of them in the Record of Performance, and while we have, at all times, a few mature cows for sale, we make a specialty of in-calf heifers and young bulls. Write us your wants, or better still, come and see the herd. We work our show cows and show our work cows.

SPRING BANK R. O. P. AYRSHIRES
Herd Sires, Netherton King Theodore, Imp. and Humeshaugh Invincible, Grand Champion, London, 1917. Our herd at present holds the Canadian records for both milk and butter in the two-year, three-year and the mature classes. Let us tell you about the daughters of Netherton King Theodore. We have sons of both bulls for sale. All have R. O. P. dams. Visitors met at Hamilton by appointment. A. S. Turner & Son (3 miles from Hamilton) Ryckman's Corners, Ont.

Glenhurst Ayrshires For 50 years I have been breeding the great Flos tribe of Ayrshires; dozens of them have been 60-lb. cows. I have lots of them get 60 lbs. a day on twice-a-day milking. Young bulls 1 to 10 months of age, females all ages. If this kind of production appeals to you, write me.

James Benning, Williamstown, Ont.

RAVENSDALE AYRSHIRES
We have a number of exceptionally good bulls as well as a choice lot of young heifers that we can offer at present. They are all sired by Auchinbrain Sea Foam (Imp.) or cherry Bank Fair Trade 44413. We can also spare a few young cows with the best of type and breeding. Come and see the Ravensdale herd. Correspondence solicited.

W. F. Kay, Phillipsburg, Que., St. Armand Station, C. P. R.

Choice Offering in Ayrshires
At Special Prices. Several young bulls of serviceable ages. All from R. O. P. sires and dams. Come and see them.

Jno. A. Morrison, Mount Elgin, Ontario.

Glencairn Ayrshires Herd established 40 years. Producing ability from 8,600 to 11,022 lbs. If that sort of production appeals to you, we have heifers all ages and young bulls for sale. Thos. J. McCormick, Rockton, Ont., Copetown, Stn., G. T. R.

with cash grain than in the future markets.

16. The management of a country elevator is a more complicated business undertaking than it would appear to be upon cursory examination. The business is attended by many hazards, all of which should be weighed in advance by those contemplating such activities.

17. When the organization of a co-operative elevator association is contemplated, careful consideration should be given to the needs of the community regarding the profits to be derived and the cost of operating a country elevator. Farmers should investigate fully the business circumstances which are to surround the new enterprise before affiliating themselves with the proposed co-operative elevator association.

Select Some Roots For Seed.

If you set aside a few choice roots at harvest time this autumn and then make up your mind to grow a supply of mangel, turnip and carrot seed, at least sufficient for your needs, you will save yourself a number of disappointments in 1919 and future years. All signs point to a serious root seed shortage, a shortage that can only be remedied by the growing of these seeds on the home farm. Select two dozen smooth, well-shaped mangels, turnips or carrots of your own favorite variety. Put these carefully away in cellar or pit to await the coming of spring. In April when the soil is in condition to plow, bring the stock seed roots out of storage and set them in position that they may produce a seed crop. In soil well prepared by plowing or cultivating, plow a deep furrow or dig holes sufficiently deep to plant the seed root, so that the crown will be the only partly exposed at the level of the ground surface. Cultivate the soil about these plants as you would cultivate potatoes. The seed bearing stalks will appear very soon after the roots are set; these will continue to develop during the season and in July will blossom and set seed. The ripening process will continue through August and in September the seed will be ripened and ready to harvest. With mangels, beets or turnips when ripe the entire plant may be cut at base of the stalks; these may be threshed with the aid of a flail or a rubbing board or a threshing machine as soon as dry, or the crop may be put away in a dry place to await a convenient time. After threshing, the seed may be cleaned with the ordinary sieves or fanning mill used for grain. With carrots the seed heads are gathered as they ripen and stored until ready to thresh and clean. Where small quantities of seed are grown the seeds may be threshed and freed from the stalks by simply rubbing the seed heads on a wire sieve of suitable size. With a sieve 24 x 30 inches, a large box and a stout pair of leather gloves a capable person can thresh and clean in a few hours more field root seeds than the average farm will require in two years. The home-grown seed will give you a better crop than anything you can buy, it will save you money, it will save you disappointment, it will assure you of a supply. Grow but one kind of mangel, but one kind of turnip and but one kind of carrot. If you grow more than you require and aid in preventing the evils of a seed shortage in your district you will then be performing a National Service.—Experimental Farms Note.

Robbing Himself.

"Germany's claim that she imports nothing, buys only of herself, and so is growing rich from the war, is a dreadful fallacy."

The speaker was Herbert C. Hoover, chairman of the American Food Board. "Germany," he went on, "is like the young man who wisely thought he'd grow his own garden stuff. This young man had been digging for about an hour when his spade turned up a quarter. Ten minutes later he found another quarter. Then he found a dime. Then he found a quarter again."

"By gosh!" he said, "I've struck a silver mine," and, straightening up, he felt something cold slide down his leg. Another quarter lay at his feet. He grasped the truth: There was a hole in his pocket."