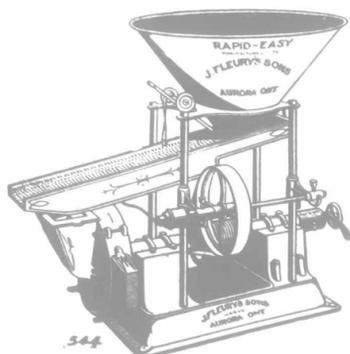


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Showing one style, our Nos. 6 and 7.

Do MORE WORK with SAME POWER than others! LARGEST LINE MADE IN CANADA, and in SIZES to SUIT ALL POWERS. THOUSANDS UPON THOUSANDS SOLD in Canada, and are selling more largely to-day than ever before.

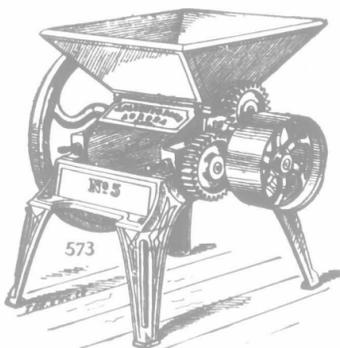
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Roller Grain Crushers

Two-Roller and Three-Roller Machines in different sizes.

Crush all grain for horses. IMPROVE the HORSES' CONDITION and

SAVE MONEY!

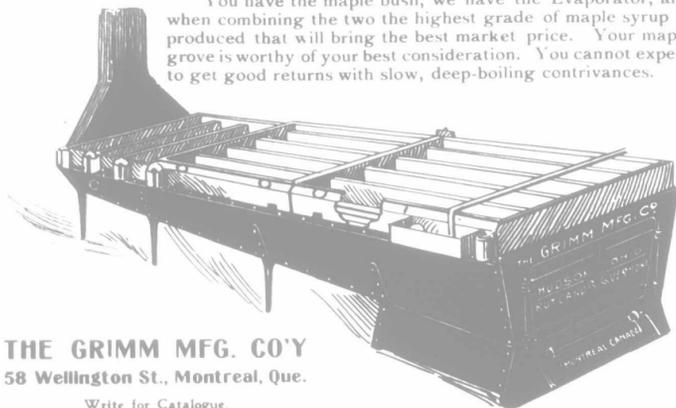


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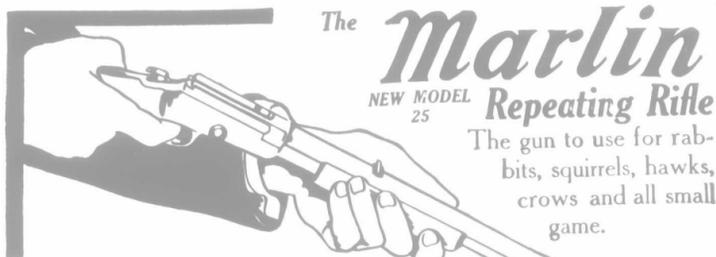
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You have the maple bush, we have the Evaporator, and when combining the two the highest grade of maple syrup is produced that will bring the best market price. Your maple grove is worthy of your best consideration. You cannot expect to get good returns with slow, deep-boiling contrivances.



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The **Marlin** Repeating Rifle
NEW MODEL 25
The gun to use for rabbits, squirrels, hawks, crows and all small game.

It handles all .22 short cartridges and C.B. caps; is an excellent gun for small game and target work up to 50 yards. You quickly save the price of your rifle in the reduced cost of ammunition. It conforms to the high quality standard of all Marlin repeaters yet sells at a surprisingly low price. The solid-top and side ejection are always a protection, keep shells, powder and gases from your face, allow instant repeat shots. Quick take-down construction—easily cleaned—takes little space and brings greatest pleasure at small expense.

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WHEN WRITING ADVERTISERS MENTION THE FARMER'S ADVOCATE.

been, but it must be by concentration and selection of the best types for the purpose on both sides of the ancestry.

WHAT HELP DO THE NEW VIEWS GIVE?

The more important of the theories recently advanced are those of Weismann, whose study of the germ cells led him to the conclusion that acquired characters cannot be transmitted. He has stated that even the apparently powerful factors in transformation—the use and disuse of organs, the results of practice and neglect—cannot now be regarded as possessing any direct transforming influence upon a species, simply because they cannot reach the germ cells, from which the succeeding generation arises. Professor Cossar I-wart says: "There are three kinds of variations, (1) the variations inherited by each parent from its immediate ancestors; (2) the new variations, when the male and female germ cells blend during fertilization; and (3) the variations or modifications produced by the environment during development and growth. The first two kinds of variations are heritable; the third—i. e., the non-germinal variations—are non-heritable, and are hence of no use to the breeder." This, if correct, would appear to limit the breeder's scope as hitherto understood; though, as already stated, it is believed that the power to alter type is limited.

Mendelian views are that characters are dominant and recessive, and this would seem to confirm the results of breeding, as the dominant character can only be established by observation as to its power. Older breeders dealt with this principle under the name of prepotency; so that the chief value of the Mendelian system would seem to be the power of hybridizing, which is a doubtful advantage when a large number of old-established breeds are already in existence. None of the new theories seem at present to simplify the task of the breeder in maintaining merits and making them more certain of transmission, though it may be that they will ultimately prove helpful.

VALUE OF OLD PRINCIPLES.

In the meantime, agriculturists will be well advised on the lines they so thoroughly understand, to maintain and perpetuate the many fine breeds that have been established, and to employ their genius and power of selection to still further improve the varieties, perpetuate their high character, and adapt them still further to the ever-varying and more-exacting requirements of modern times.

MINCEMEAT FROM "PUNCH."

It is so difficult to know what to give one's wealthy relatives as a Christmas present that it is good to find that an enterprising firm has now produced the very article in the form of "The Millionaire's Pocket Calendar." This is a really magnificent production, measuring three feet by six.

A mistress remonstrated with her new girl for handing her the letters with her fingers. "Always bring in everything on the silver salver," she said. Shortly afterwards she rang for her baby. The stupidity of some servants passes all belief.

A long-haired Scotsman stood silently contemplating a notice in the window of a barber's shop:

Hair Cutting 6d.
Shave 2d.

Then he went in. "I'll just have my head shaved," he said.

A German professor claims to have found a means of abolishing indigestion. He has discovered that cannibals never suffer from this scourge.

Another of Life's Little Tragedies. "Very well, then," cried the eldest son, after a heated controversy with his father, "I leave your house, and nothing will ever induce me to set foot in it again!" and the door slammed behind him. Five minutes later there was a ring at the bell. He had forgotten his umbrella.

A Set of Stencilling Patterns is offered to any of our present subscribers who will send us one new subscription to "The Farmer's Advocate and Home Magazine," accompanied by \$1.50. Look it up in our premium announcement and begin work at once. Also note our other premiums.

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Later than, entirely different from, and vastly superior to all others. Produce twice the skimming force, therefore skim faster and twice as clean as common separators. This saves clear profits other separators lose. The double skimming force makes disks and other complicated contraptions entirely needless. This makes Sharples Dairy Tubulars the only simple separators—the lightest, much easiest washed, far the most durable.

In world wide use for years. Patented. Only known way of building modern, simple separators. **Guaranteed Forever** by the oldest cream separator concern on this continent. The manufacture of Tubulars is one of Canada's leading industries. Tubular construction has put common separators out of date. What Tubulars save by doubly clean skimming and life long durability makes them far cheapest. What common separators lose in cream and repairs makes common machines most expensive. This is fully explained in our catalog and proved by the Tubular. Write for catalog No. 193.



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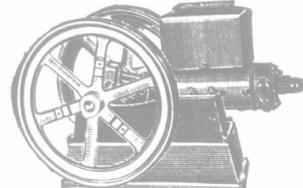
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That the feed of a horse costs six to ten times more than a Gilson Engine doing like work? Of course the idle horse keeps eating, but the idle engine costs nothing. Surely you want to know lots about the

GILSON "Goes Like Sixty" ENGINE



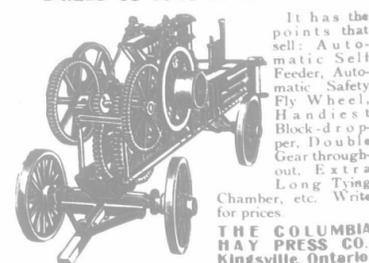
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