



Beware Imitations.

When you buy Roofing Look for the RUBEROID MAN

There are upwards of 300 imitations of the genuine **RUBEROID**. This is one of the strongest proofs of its high quality. A worthless article is never imitated.

RUBEROID ROOFING

(TRADE MARK REGISTERED.)

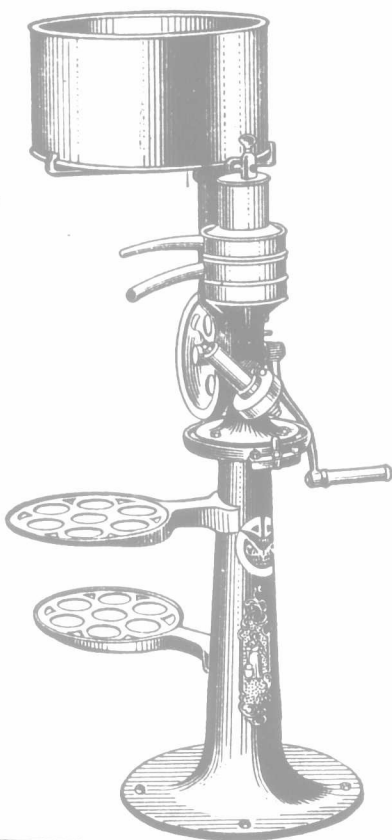
can always be identified by the large picture of the RUBEROID MAN on the outside of each Roll and the word "RUBEROID" stamped on the underside of the material, every few feet.

Ask the Ruberoid dealer in your neighborhood to show you a sample of Ruberoid that has actually given service for 17 years. If he does not happen to have a sample write direct to us and we will send you one by mail.

We want every house owner to read our book "All About Roofing." It gives valuable information as to cost and service of all kinds of Roofing.

Sent free on request. Write to-day.

THE STANDARD PAINT COMPANY OF CANADA, LIMITED,
MANUFACTURERS, MONTREAL. AGENTS EVERYWHERE.



The CAPITAL is the Cream Separator that will "Buy Itself" For You.

As soon as you have read this advertisement, sit down and write a post card for The Capital book—the book that not only tells the story of the easy-running, cream-saving separator, but that tells how you can put The Capital in your own dairy practically without costing you a cent.

The book also tells all about the wonderful Capital gears, about their perfect meshing and non-wearing qualities—how they run in oil—how an automatic clutch stops them running the minute you let go of the handle—and about how they give the light, three-and-a-half-pound bowl, 7,000 revolutions a minute.

It tells how and why The Capital skims closer—why The Capital wastes less than one-fifth the cream that other separators waste—and then explains how the machine can be made sweet and clean in two minutes after you are through using it.

This book is full of hard-and-fast facts—separator facts—which every dairyman owes it to himself to know; facts which will prove a revelation to the dairyman who is not familiar with The Capital.

Write for the book to-day—NOW.

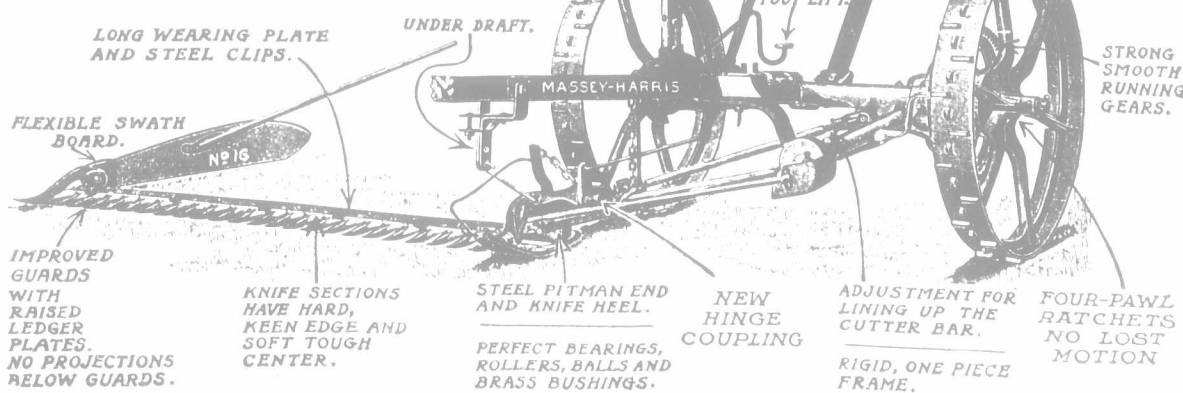
THE NATIONAL MFG. CO., LIMITED,
Head Office: Ottawa. Factories: Ottawa and Brockville.
Branch Offices:—Regina, Sask.; Edmonton, Alta.; Moncton, N.B.

The Mower that Bears Inspection at Every Point is the MASSEY-HARRIS

FAMOUS FOR SURE-CUTTING, LIGHT DRAFT AND LONG LIFE.

MASSEY-HARRIS CO., Limited,
Toronto, Montreal, Moncton, Winnipeg, Regina, Saskatoon, Calgary.

Cutter Bar
has perfect
freedom of
movement,
allowing it
to conform
to uneven
surfaces and
cut smooth
and clean.



QUESTIONS AND ANSWERS. Miscellaneous.

PAYING A MORTGAGE.

If a man buys a property for \$3,500, assuming a mortgage for \$1,650 at 6 per cent. interest, and paying the balance in cash, the instalments on same mortgage to be paid each six months, either \$50 or \$150, can the purchaser oblige the Mortgage Company to accept payment in full at the expiration of three years from the date the mortgage was issued?

SUBSCRIBER.

Ans.—You do not state the length of the mortgage term, therefore we are unable to answer the question definitely. Assuming, however, that it is five years—which is usual, or, at all events, upwards of the three years, the answer to your question is: No.

RATION FOR HORSES—ANALYSIS OF FEEDS AND SOILS.

1. Please give the proper ration for a working team on farm, and also ration for idle team?

2. Could a person with a fairly good High-school knowledge of chemistry and physics, determine the contents of any kind of feed, and what apparatus would he need, and how is it performed?

3. If one were to send a sample of soil to O. A. C., would they analyze it and be able to tell what that soil was lacking to make it in proper balanced state to grow whatever one might want to grow?

W. J. B.

Ans.—1. For a horse, say 1,000 to 1,200 pounds in weight, a good working ration would be mixed timothy and clover hay, with a gallon of oats three times a day, or perhaps a little more. On Saturday evening, half or two-thirds the usual amount of oats might be substituted by an equal bulk of bran, and perhaps the same on Sunday morning. An idle horse of this weight would do very well on mixed hay without grain, but with a few carrots once or twice a day. Economy might be effected by using, say two-thirds hay, one-third oat straw, and one or two pounds a day of bran, with about a quart of oats.

2. Probably not satisfactorily.

3. Not certainly. It is possible that the analysis might indicate some clear deficiency in the composition of the soil, but the only conclusive answer to the question, "What does one's soil need?" is the answer given by the crops grown in an experiment with manures and fertilizers intelligently applied.

CEMENT FLOORS FOR STABLE.

1. How much cement would it take to floor a cow stable 30 feet square, and how much gravel?

2. How much of a slope should there be from the manger to the gutter, and how deep should the gutter be? Also, which would be best for the stalls, rock, elm posts or cedar?

3. Horse, four years old, has sight scum on one eye. Has been on for three years. Can see a little. What will remove it?

SUBSCRIBER.

Ans.—1. If the soft earth is removed down to the solid clay where floor is to be laid, and the surface is graded to suit the finished floor, an average depth of two inches of concrete is sufficient for cow stable. Mixed 1 to 5, which is about the proper strength, there would be required for floor 30 feet square, including gutters, about 10 barrels of cement and 1½ cords gravel. For most sites, it may be best to have a bottom coat of a few inches, especially under the stall floor. This can be mixed 1 to 10, and cobblestones also can be pounded in. The finishing coat, as above described, should be laid while the other is soft, so that union between the two takes place. If the bottom coat is laid, an extra amount of both cement and gravel will be needed.

2. For cows, a slope of 1½ inches in 5 feet is right. Steers should have 2 inches. Seven inches is a fair depth for gutter. Many have no back gutter wall, only a gentle slope up to passageway. Would prefer cedar for stall posts.

3. It is doubtful if anything will remove hairiness from the eye. If sure that scum is on outside of eyeball, a solution of 3 grains nitrate of silver in an ounce of distilled water might be tried. Touch the eye daily with a soft feather dipped in solution.