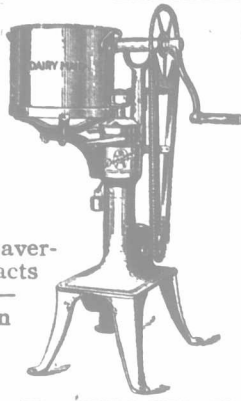


## Buy an IHC Cream Harvester Instead of Another Cow



**FIGURE** up the profit per year and the total profit your average cow pays during her lifetime. Then get the facts about the profits an IHC Cream Harvester makes—in extra butter-fat, in extra hog-profits from skim milk, in work and time saved, and in the many other ways, all shown in our catalogues. It won't take you long to see how you could profitably buy an IHC Cream Harvester instead of another cow. The total profits paid by an IHC Cream Harvester will amount to much more.

Keeping cows without a separator is like harvesting wheat without a binder. But you must be careful what you buy. If you want to be sure of getting the closest skimming, easiest turning, and easiest cleaning separator made—choose one in the IHC line—

### IHC Service Bureau

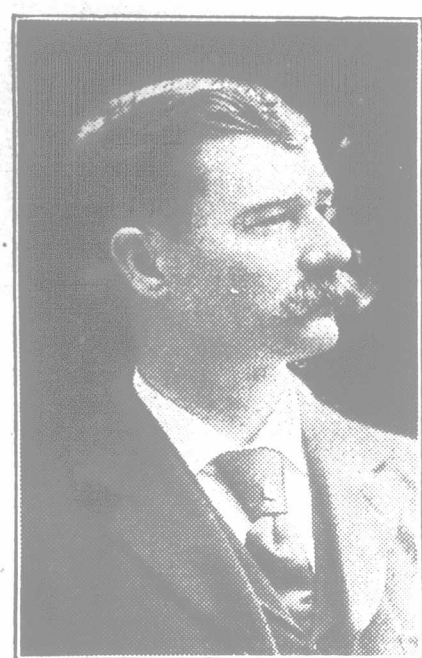
The purpose of this Bureau is to furnish farmers with information on better farming. If you have any worthy question concerning soils, crops, pests, fertilizer, etc., write to the IHC Service Bureau, and learn what our experts and others have found out concerning these subjects.

## Dairymaid and Bluebell

These are the only separators with dust-proof and milk-proof gears, which are easily accessible. The frame is entirely protected from wear by phosphor bronze bushings. These separators have large shafts, bushings, and bearings; the flexible top-bearing is the strongest and most effective found in any separator. The patented dirt-arrester removes the finest particles of dirt from the milk before the milk is separated. IHC Cream Harvesters are made in two styles—Dairymaid, chain drive; and Bluebell, gear drive—each in four sizes—to meet every condition and the need of every farmer. Whichever IHC you select, it will make more money for you per year, and will last longer than any other separator you could buy. The IHC trade mark should be your guide in buying a cream separator. The IHC local dealer will be glad to point out the above features and many others, or, write nearest branch house for catalogues and other information you desire.



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WESTON, ONT. BRANDON, MAN.

### J. B. HOGATE

DIRECT IMPORTER

## Percherons and Clydesdales

My barns at Weston and Brandon are full of Percherons—stallions, mares and fillies and Clyde stallions—the very best that money could buy, in both greys and blacks, ages from two to five years. The stallions weighing from 1,700 to 2,200 lbs.; the mares from 1,600 to 1,900 lbs., some safe in foal.

In order to get my Weston barn sold out, so that I may go to my Brandon barn, no reasonable offer will be refused. Write, and come early, and get a bargain in a first-class stallion or mare.

TERMS TO SUIT. For further particulars write:

J. B. Hogate, West Toronto, Ont.

Give your buggy a coat of Sherwin-Williams Buggy Paint, a bright varnish gloss paint in nine attractive colors that will withstand hard usage and frequent scrubbing and save the wood and metal parts from rust and decay. There's a merchant in your town who sells



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### QUESTIONS AND ANSWERS.

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2nd.—Questions should be clearly stated and plainly written, on one side of the paper only, and must be accompanied by the full name and address of the writer.  
3rd.—In Veterinary questions the symptoms especially must be fully and clearly stated, otherwise satisfactory replies cannot be given.  
4th.—When a reply by mail is required to urgent veterinary or legal enquiries, \$1.00 must be enclosed.

#### Veterinary.

#### RESULTS OF JOINT ILL.

Colt born in May, 1910, suffered from joint ill. Our veterinarian treated by the hypodermic injection of serum. The colt recovered, but there remained lumps on left knee and right hock. I have blistered the joints and had them treated by my veterinarian, but it is still lame.

Ans.—The articular cartilage of the bones of the joints were destroyed by the disease, and it is not probable the colt will ever go sound, or that the lumps can be removed. All that can be done is to get your veterinarian to fire and blister the affected joints.

#### FATALITY IN MARE, ETC.

1. Old mare had a cough during the summer, and became very weak and thin. She had a nasal discharge with a foul odor. She died. We have thoroughly disinfected wherever she was. What was the trouble, and is it contagious?

2. I have been told that boiled oats are harder to digest than whole oats. Is that so? We are feeding our weanlings boiled oats once daily.

MRS. W. B.

Ans.—1. The trouble was probably nasal gleet, caused by a decaying tooth. It is not infectious.

2. A constant ration of boiled oats is apt to cause digestive trouble, but one feed of them daily gives good results, especially in idle horses or youngsters.

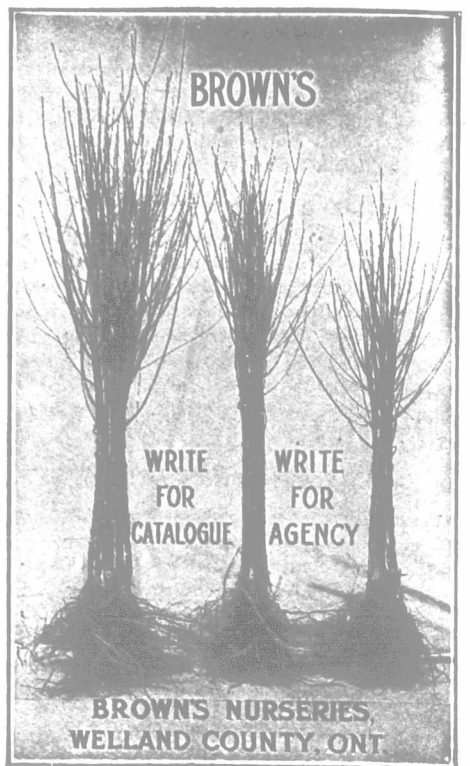
#### Miscellaneous.

#### RUSSIAN THISTLE.

Enclosed you will find a part of a plant which I am unable to name. A neighbor got a quantity of alfalfa seed last spring and it contained a great deal of the same seed as the enclosed plant, and he has been busy all season pulling it out. It somewhat resembles the Russian tumble weed in appearance, and also has a reddish veining, as the tumble weed has. I believe it to be a foreign plant, and a very formidable one too. I should like to know the name and particulars about it.

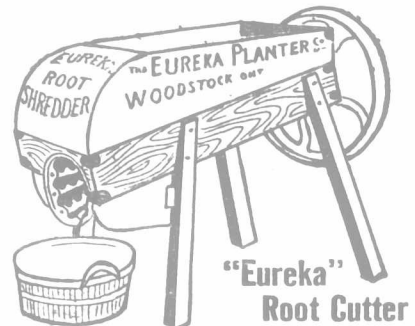
D. A. G.

Ans.—The enclosed specimen is a portion of the weed Russian thistle (*Salsola kali* var. *tenuifolia*). It is sometimes known as Russian tumbleweed, or Russian cactus. It has been introduced from Asia, and is a bushy annual, having a prickly appearance, due to the thin, long, prickle-tipped leaves in the young plant and the spiny bracts on the flowering branches of the older plants. The young plant is described as dark green, and the slender leaves drop off as soon as seed is formed. The older plant presents a somewhat spherical appearance, and is often reddish streaked. It is easily blown by the wind. The seed is about 1-16 of an inch in diameter, cone-shaped, and the large end is concave, with a well-marked protuberance in the center of the cavity. It is usually enclosed in a papery envelope. The coat itself is thin and transparent, showing the grayish-brown coiled germ. It is a rank grower, and draws much moisture from the land. Where practicable hand pulling is advisable. It is easily killed when young by burrowing the growing crop. Where winter wheat is grown successfully, Russian thistle presents little difficulty, as it is very susceptible to the action of the frost. Rotation of crops and an occasional winter-fallowing will aid in keeping it under control.



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