



A ROOM HEATED WITH A
Winnipeg Heater

is more comfortable to sit in than a room with a stove in. With the stove it is too hot near the stove, and too cold in the farther corners of the room.
The "Winnipeg Heater" draws the cold air from the floor, warms it and circulates it regularly and evenly, thus the whole room is warmed to a pleasant, even temperature. Just attach it to any stove or furnace pipe, and you have an additional room nicely warmed at no extra cost for fuel. Ask your stove dealer to write to

THE 1900 WASHER COMPANY
Dept. H. 355 Yonge Street, Toronto. 642

Farm Labor Problem

The question with every farmer is what shall be done to solve the Farm Labor Problem?

The scarcity of help has made it necessary that every possible means for facilitating the work be employed.

We would like to help you out, and would suggest that you buy a



4 SIZES:
National style B.
National style No. 1
National style No. 1A.
National style No. 5.

NATIONAL Cream Separator

It will save time and labor in your dairy, as well as increase the quantity of your cream.

THE NATIONAL is easily operated, easily cleaned, and a perfect skimmer.

Manufactured by

The Raymond Mfg. Company of Guelph, Ltd.
GUELPH, CANADA.

AVERAGE LENGTH PER LB. 10 BALLS INTERNATIONAL HARVESTER COMPANY'S TWINE	503 3/4 FT
AVERAGE LENGTH PER LB. 10 BALLS 1st COMPETITOR'S TWINE	467 3/4 FT
AVERAGE LENGTH PER LB. 10 BALLS 2nd COMPETITOR'S TWINE	462 3/4 FT
AVERAGE LENGTH PER LB. 10 BALLS 3rd COMPETITOR'S TWINE	452 3/4 FT

Perhaps you or your neighbor were caught last season on short-length twine. International Harvester Company twine is guaranteed full length and full strength. The Canadian farmer who bought this twine last harvest got full length and full strength in every instance. It is always so with this twine.

How LONG is Your Pound of Binder Twine?

DID that question ever occur to you while laying in your supply of twine for harvest? Makes a good deal of difference.

"A pound's a pound the world around," it is said. But that rule does not measure the length, strength, or quality of binder twine. And these are important to you.

The answer depends upon whose binder twine you buy.

Of course competing sellers can make all kinds of assertions. It's not hard assertions you want, but proof as shown by actual tests.

Now there is one test that has been carefully made—and what is better, one you can make yourself without any trouble.

Five hundred feet is considered the standard for length of sisal and standard twines. When your twine runs below this you are not getting what you are paying for.

Ten balls each of the International Harvester Company's regular standard twine, and ten balls each of three competitors' standards were tested.

The above illustration shows that competitors' twines run from 467 3/4 feet to as low as 452 3/4 feet to the pound—while International runs above 503 feet to the pound.

There's a great difference in pounds, as you will observe.

Means a great difference in price, also. The

International Harvester Company twine is the *best expensive twine*, as you can figure at a glance. Frequently, so called "cheap" twine is offered at a reduction of a quarter of a cent a pound.

In these tests there is a difference of 51.5 feet to the pound in favor of the International Harvester Company twine.

You'd be glad to buy 36 to 51 feet of binder twine for a quarter of a cent, wouldn't you?

That is the amount more that you get by paying the extra price for the International.

Which is the inexpensive twine?

As to strength:

These tests showed that while International Harvester Company twine averaged 59 and 9-10 pounds, one competitor's barely reached the standard (50 pounds) and the other two fell below from 2 and 7-10 to 4 and 4 1/2 pounds.

It is easy to see which twine is the longest, which is the strongest, and which is the least expensive.

If you want to get a dollar's worth of twine for a dollar, then buy International Harvester Company twine—either Deering, McCormick or International brands.

International Harvester Company twine—sisal standard, manila or pure manila—is sold and distributed through local agents located at all principal towns and cities in Canada.

CANADIAN BRANCHES: Calgary, London, Montreal, Toronto, Ottawa, Regina, St. John, Winnipeg.

INTERNATIONAL HARVESTER COMPANY OF AMERICA

(INCORPORATED)
CHICAGO, U. S. A.

QUESTIONS AND ANSWERS.

1st.—Questions asked by bona-fide subscribers to "The Farmer's Advocate" are answered in this department free.

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 must be enclosed.

Miscellaneous.

STEAM ENGINEERING.

The branch of engineering in which I am interested is steam engineering. Where can I obtain instructions?

H. N. M.

Ans.—Write School of Practical Science, Toronto, for information.

HICKORY SAPPLINGS FOR WALKING CANES.

Could you, or any reader, inform me where a person could get a quantity of hickory sapplings, from half an inch to one inch in diameter, suitable for making walking canes?

J. S. W.

Ans.—A response through our "Want and For Sale" advertising columns is invited.

SUNDAY BETWEEN CHORES.

Can I, or can I not, go away on Sunday between chore times? My employer claims that I must stay home whenever he goes away. There was no agreement as to that. As it is a very lonesome place, I like to go away for a few hours on Sunday, but am always home to do the chores. If your answer is yes, to stay home, I am willing to do so, but several persons have told me I do not, as long as I am home to do chores.

W. E.

Ans.—You are entitled to go away between chore times as proposed.

SALT FOR POULTRY — CLAM SHELLS VS. OYSTER SHELLS — WOOD ASHES VS. DUST BATH.

1. Would fresh-water clam shells, broken up, be as good for poultry as crushed oyster shells?

2. Do laying hens require salt when fed mixed grain, beef scrap, grit, and oyster shells and fresh water? If so, how should it be fed? We don't feed wet mash?

3. Are wood ashes, as dust bath, injurious to hen's feathers? W. S. M.

Ans.—1. Clam shells would be quite as good as the oyster shells, with the exception of the salt, which would be present more or less in the oyster shells.

2. I think laying hens require a little salt, not more than one ounce a day to 100 birds; perhaps half of this would be sufficient. If you supply plenty of oyster shells, salt would not be necessary. If I was feeding salt, I would dissolve it in water and then mix with some mash.

3. Wood ashes have been, in my experience, injurious to bird's feathers. Coal ashes are not. The alkali in the wood ashes appears to have a serious effect on pigments, feathers, etc.

Q. A. C. W. H. GRAHAM.

BLACK CURRANTS SHOULD BE PRUNED REGULARLY.

Re black currant cultivation, I find that forking to any depth around the plants in spring causes the fruit to drop off before maturity, so I cultivate in the fall, and just keep the ground clean during spring and till the fruit is taken off. Pruning seems to be the difficulty with making a success of raising this fruit, and I would like to get some instructions on this point some time next spring, as I think some of the plants have too many branches. Black currants were very scarce in this locality this season, and the chief reason for failure is want of proper pruning.

W. M.

Ans.—Every year, either in the late fall or early spring. A good plan is to grow them in the bush form, with about six branches to the bush. Then adopt a renewal method of pruning by cutting out every year two of the oldest branches, and allowing two strong new ones to take their place. Cut out all the other new canes which come from the bottom, and shorten back the two left to about two feet, to cause them to branch out at a proper height.

H. L. HUTT.

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You can now learn this fascinating art in your home during your spare time. By an entirely new method we teach you taxidermy by mail and guarantee success. Taxidermy has long been a secret, but now it can be easily and fully mastered by anyone in a very short time.

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If you know taxidermy, many of our graduates have given up big salaried positions and opened up a taxidermy business of their own or use taxidermy as a highly profitable side line. Decorate home and den — preserve the trophies of the chase! Be sure to get our Great Book "How to Learn to Mount Birds and Animals" anyway. It is sent free. Also our beautiful FREE Taxidermy Magazine. Don't delay. Write at once and learn a profession that will make you independent for life. Remember our great books—absolutely FREE. Address N.W. SCHOOL OF TAXIDERM, Box 48 Omaha, Neb.

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