HUNDREDS of farmers are proving to their own satisfaction that



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Ask your Feedman about it or write to us for full particulars. THE CALDWELL FEED CO., LTD., DUNDAS, ONT.

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A man wanted in every dairy district to collect renewals and get new subscriptions. Hustlers needed who will cover the district thoroughly. State occupation and if can work entire or spare time.

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SEND \$1.00

receive by mail 4 Shirt Walsta, one of White Lawn lace trimmed, and 5 of Print, light, with sky designs; all different; size 25 to 44; add 15c for postage.

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THIS WASHER MUST PAY FOR ITSELF.

MAN tried to sell me a horse once. He said it was a fine horse and had nothing the matter with it. I wanted a fine horse, but, I didn't horse much. And I didn't horse much. And I didn't know the man very well ther. So I told him I wanted to

So I told him I wanted to try the horse for a month. He said "All right," but pay me first, and I'll give you back your money if the horse isn't all right." Well, I didn't like that. I was afraid the horse was n't all right and that I might nave to whistle for with it. So I if once parted with it. So I if once parted horse, although I way not

thinking.
You see I make Wash.
You see I make Wash.
Gravity' Washer.
And I said to myself, lots of people may think
And I said to myself, lots of people may think
the tones, and about the man who owned the
But I di never know, because they wouldn't.
But I di never know, because they wouldn't amillone that wash.
And the see that the see that a midfor a mouth, before they pay for them just as I
wanted to try the horse.
How or carrier we will do., I know it will wash the clothes, without
wearing or tearing them, In less than half the
warring or tearing them, In less than half the
machine.
I know it will wash tub fail of very dirty.
I know it will wash a tub fail of very dirty.
I know it will wash a tub fail of very dirty
washe to wash to work the control of the con

Gravity* Wasner over a soul for pounts to sake me. Pilof of first, and Pil make good the offer every time.

set me. Pilof of first, and Pilof Gravity* Washer on a month's free triat. I'll pay the freight out of my own pocket, and if you don't want the mathematical triat. I'll pay the freight out of my own, pocket, and if you don't want the mathematical triat. I'll pay the freight too. Burst' that is failt enough, last it.

example the first property of the failt enough, last it.

example the first property of the failt enough, last it.

And you can pay me out of what it saves for it was the failt end of the fai

Address me personally: U. L. MORRIS, Manager, 1900 Washer Co., 367 Yonge St., Toronto, Ont.

Have City Conveniences

"Tweed" Closet Sanitary and Odorless

"Tweed 'Closets can be installed in the bath room, cellar, or any other convenient hace in doors, merely requiring to be connected by dige for ventilation with a chimney hale "Tweed 'Llogud Chemical, used in connection with Tweed Closets is both a deodorant and distinctional. Many hundredsoff tweed Closet by the convenience of the control of the con

STEEL TROUGH AND MACHINE CO., LIMITED 6 James St., Tweed, Ont

FOR SALE AND WANT ADVERTISING TWO CENTS A WORD, CASH WITH ORDER

WANTED, supply of strictly new laid eggs, preferably from those keeping over 100 hens. Highest price paid for superior quality.—J. D. Arsenault, 15 Grothe, Montreal.

TRADE MARK Wilkinson REGISTERED

PNEUMATIC ENSILAGE and STRAW CUTTERS

Our Climax "A" mounted is the only suc-cessful combination machine of this capacity control of the control of the control of the control on the market corn into the highest side of the control of the properties of the control of the control of the and set close to knives, making solid compact cutting surface. Requires less power than any other of same capacity. No lost power, Other or same tapacity. No lost power, Direct pneumatic delivery, no worm gears or special blower attachment. Knife wheel also carries the fars. No lodging on wheelarms, carries the fars. No lodging on wheelarms, fan-case. Supplied with problems. Steel fan-case. Supplied with problems. Supplied with problems. Supplied with problems. Carried fan-case. Supplied with problems. Suppli



********** HORTICULTURE

Orchard and Garden Notes

Cucumbers may be sown now with good results. Have you made several plantings

peas and corn?
Keep the soil about the shrubs spadand suckers cut down.

Canna beds of one color are more effective on a lawn than mixed colors.

Cultivate the vegetables, fruits, and flowers thoroughly if you would

successful. A good time to trim the spirea Van Houttei and other spring flowering shrubs is just after they are through

Swiss Chard takes the place of other leaf crops for "greens" in hot weather and kale makes good "greens" late in the fall. Plant them

Remove all blossoms from newly set strawberry plants. They take too much strength from the plant and thus do not allow it to make the best growth of vine.

Watch the roses for insects and either keep them picked off or spray with insecticides. Soapsuds makes a good spray to get rid of the aphis. e a clean soap that is free from emicals. Use a

Don't plant small fruits or bushes between the trees in the orchard. They between the trees in the oreman. They soon become a nuisance. Potatoes or beans may often be planted to advantage. Corn should not be used as it shades too much.

Free Information on Cooperation Those who are familiar with the

history of apple growing in Canada are aware that single-handed it has been very difficult, yes almost impossible, to succeed in orcharding beyond a few trees, and that only since cooperation became a strong factor the enterprise has the industry become established on a permanent and pros-perous basis. During the last decade of the past century it was no uncommon thing in parts of Ontario to see splendid orchards chopped down for firewood. Growers could get little more for their fruit than the actual expenses incurred in producing it, and so the industry had little to justify its continuance. It was under these circumstances that as a last resort the cooperative movement in the industry That it has succeeded and began. That it has succeeded with it the commercializing of opple industry on a large scale, there can be no manner of doubt, as already there have been organized throughout Canada no less than 106 cooperative societies, and the number is constantincreasing.

To outline in more or less detail the principles of cooperation, the more sirable methods to adopt in putting these principles into practice and the objects to be gained in apple growing by their adoption there has been isby their adoption there has been assued from Ottawa a comprehensive bulletin entitled "Cooperation and Fruit Crowing." It has been prepared by Mr. Alex McNeil, Chief of the Fruit Division, who is recognized. nized as one of the foremost authorities of the day on the subject of fruit culture, commerce and cooperation

In this work of 46 pages the subject is treated from practically every standpoint that interests the Canadian apple grower. Not only are the essenapple grower. tials and methods of cooperation clear-ly brought out, but the advantages being derived through its agency are clearly shown. The aims of coopera-tion as applied to the fruit industry are enumerated as follows:

(a) To bring fruit products as directly as possible from the producer to the consumer.

(b) To encourage the best methods

of production. (c) To encourage thrift in the fruit grower, and economy, intelligence, en-terprise and honesty in the packing,

grading and marketing of fruit.
(d) To make it possible for a ber of small growers to establish commercial standing that will be a guarantee for grade marks or contracts

(e) To act as a credit organization

(e) To act as a credit organization to make advances on products in the process of being sold.

Dealing with the labor problem which confronts every kind of farming it is shown that Nova Scotia grovers through their central association in 1911 were able to take care of a crop being the second of the confidence of the twice the usual size.

Besides the other great advantages of sure markets and good prices secur-ed for fruit the bulletin cites the savings that are effected in buying sup-There is given a list of the purchases of one society in which manager claims to have made a say ing of \$15,000 in one year on which cost in the aggregate \$75,000 and included packages, spraying equipment and drain tiles, etc.

The work

The work is issued as bulletin No.



The Source of All the Trouble

Tent caterpillars are causing no end of damage in orchards and shade trees this spring. Had all the tents been destroyed when in the stage seen in the illustration we would not now be troubled with this pest.

Photo by an editor of Farm and Dairy

38 of the Dairy and Cold Storage Commissioner's series, and is for general distribution by the Publications Branch of the Department of Agriculture at Ottawa

The Battle of the "Bug"

B. Blanchard, Hants Co., N. S. The potato bugs were certainly out in force last summer. Early in July we had a week of very hot weather. "Sheli backs" seemed to be unusually numerous and very soon the larvae appeared in myriads.

We had some arsenate of lead left over when we finished our orchard spraying and decided to use it on the spraying and decided to use it on the bugs, two to three pounds to d tigal-lons of water. We had a power sursy-er mounted on an old wagon. We hitched a pair of oxen to it. The oxen "travelled close" and did not injure the potato vines. We get the whole field sprayed with the excep-tion of a few rows. Then came the rain. rain.

After a two-day's steady downp we went out to see the field. In the few rows that had not been sprayed the plants were eaten off almost to the ground. The rest of the field was not so bad but as the arsenate had

mostly all been was the bugs were get. There was nothing We had started when down The weather kept for several weeks, the ground had be we did not care to heavy sprayer.

June 19, 1913

A NEW METE Affairs were be We decided to g 'blower' and get a t. By getting ou between showers we the plants. One co the drills at a fair of two rows at a ti ount of Paris gr plants was almost d the work.
This blower is

Illsley and Harvey N. S. It consists of holds a pound or mo blower and a deliv branches To sum up our ex

words: Arsenate of polato bugs under ions and when the oughly drenched wit using as much as fo of the arsenate to 40 it would probably sults, but then it w pensive than the P would like to know t other Farm and Dai

The Plum The plum curculio

Turk' is a very bad and apples. It hibe ture beetle, and when of spring come it is r meal on the swelling the female attacks the most as soon as forreggs beneath the sk around each egg the crescent shaped mark Arsenate of lead, gallons of water leaf buds are when the blossoms fall weeks later, will hold check. If the arsenat ined with the selfphur, or with Bordeau gous diseases like shor plum and cherry,

apple, will also be kept Work of the Experie

The reports and bu ing from the authori mental farms are not It isn't every for find the time to study reports carefully. At there is information continually in governm that no farmer can affe

A new bulletin design to help this class of the left this class of the women, has recently beed. B. Spencer, B. S. A. Publications Branch at titled "The Design left." titled, "The Dominion Farms A Review," I Farms, -A Review." Spencer gives th conclusions that have during the 25 years th mental farms were under ship of Dr. Wm. Saun ulletin these valuable c be assimilated by a res This bulletin is attra

and illustrated and woulded addition to any far It can be had free on a the Publications Branch partment of Agricultur, Every Farm and Dair urged to write for this b