

MAKE YOUR LAND FULLY PRODUCTIVE Get a SPRAMOTOR!



The man who owns a Spramotor can not understand why other men will get tilling and cultivating for weeks, then leave the crop to be devoured, withered and ruined by insects, scale, rot and other pests.

A Spramotor owner gets all there is to get. In fruit, potatoes, berries, row crop and grain. He is the man who of course has a bumper crop, always has a good season, always makes a profit.

You may be a farmer in a small way. We have a Spramotor selling as low as \$6. You may be the owner of a small tract of field and orchard. We make power Spramotors up to \$200, and also a wide range of styles and prices in between. We can fit your needs exactly.

Write us a short letter, detailing your requirements. By return mail we will send you FREE a copy of our valuable book on Crop Diseases, also particulars of a Spramotor that will best do your work, at lowest cost. Don't delay, write us now!

HEARD SPRAMOTOR CO., 1785 King Street, LONDON, CAN.

RIDER AGENTS WANTED

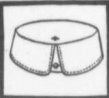
everywhere to ride and exhibit a sample 1914 Flying Machine with engine brake and all steel improvements.

We ship on approved us, and also 15 DAYS TRIAL. It will not cost you a cent to try our machine, and you will be sure to get it back.

DO NOT BUY a bicycle, lamp, or anything else until you have seen our latest gas illuminated machine and have learned the special prices and attractive propositions.

ONE CENT is all it will cost you to write us to get a copy of our catalogue and full particulars will be sent to you FREE. Postpaid by return mail. Do not wait. Write us now.

HYDEBROTHERS, Limited
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CHALLENGE COLLARS

Advertised to be the best for the protection of your collars.

Good collars ever made. All to see, or send for 25c.

THE ARLINGTON CO.
of Canada, Ltd.
55 PRINCE AVE.
TORONTO

All "ARLINGTON COLLARS" are good, but our CHALLENGE BRAND is the best



Orchard and Garden Notes

Rake and cart away all trash from the premises as soon as possible.

Union sets may be planted as soon as the ground is workable. White sets are best.

Spinach may be planted at any time now. Cover not over one-half inch deep.

Has the orchard been sprayed? There is still time if the leaves have not started.

Plant sweet peas early. They require cool, moist weather for best growth.

A good lawn and garden will make the home brighter and better.

Forty-two pounds pure Kentucky blue grass, five pounds redtop, and three pounds white clover per acre make a good lawn grass mixture.

Better results are obtained by planting asters and sweet peas in colors, although mixtures are cheaper and if good do very well.

Attractive surroundings both indoors and out will help to keep the boy and girl on the farm. Give them something of their own; some stock, or as much land as they can care for,

and they will become interested in and attached to the farm. Personal ownership goes far to interest us in things about us.

Dormant Spraying

By R. C. Rose

All orchardists should purchase their spraying supplies early so as to be sure to have everything on hand at the proper time. If left till the last minute the shipment may be delayed for some time in transit and the spraying so delayed as to cause considerable loss to the orchard. It is very important that the spraying be done at the right time, for if applied too early or too late, its value may be greatly reduced. The mixtures used for dormant spraying are made much stronger than for later applications, and hence should never be used after growth has started in the spring.

The dormant wash is especially important for orchards which have previously shown disease. The spores of the disease may live over winter on the dead leaves or fruit or in the crevices of the bark or the root-like mycelium of the organism may live over in the dead branches of the trees and thus be a continual source of infection for other trees. Therefore the logical thing to do is to cover the trees thoroughly with a fungicide that will kill the infection thread. The minute the spores start growth in the spring. It is imperative that the trees be thoroughly covered with the spray or otherwise the work will not be worth while. As a safety measure of precaution, all dead and diseased branches should be pruned out and burned before spraying is done, and the wounds covered with white lead to keep them from rotting while healing.

There are several different kinds of spraying compounds in use at the present time. The most important for dormant spraying are commercial lime-sulphur which is mixed with water at the rate of one gallon to nine gallons of water; self-boiled lime-sulphur (15-20-50) and copper sulphate, 3 pounds to 50 gallons of water. The first of these seems to be the most satisfactory and its use is gradually increasing each year.

Big Crops of Roots

One of the most appreciated addresses at the last Guelph Winter Fair was that given by Paul A. Boving, Root Specialist at Macdonald College, Quebec. In the report of this address which appeared in Farm and Dairy, April 2nd, several serious errors crept in through careless proof-reading.

In the third paragraph it should read 75 lbs. of Murate of Potash, instead of 25. In the table under the heading "Best Yielding Varieties," "tons dry matter" and "tons roots," should be reversed.

In the third column the sentence starting "comparing No. 2 and No. 3," the last word of the sentence should be "former" instead of "latter."

The last line on page three reading "point. As a general rule carrots should be sown," should be omitted, reading from "The former is advisable in two cases," right on to page six.

Errors such as these will creep in at times, and we regret them exceedingly.

Ventilation In Your Barn

Too many farmers are content to overlook the important question of proper ventilation in their barns, yet nothing is more essential to the health of their live stock and the preservation of their crops and buildings.

Pedlar's "Superior" Barn Ventilator

is especially adapted for ventilating barns and large buildings.

It provides a constant upward current without any down draught, working continuously and most efficiently. It is priced much lower than other ventilators not nearly so satisfactory. Fully protected from the bird nuisance.

Get our Folder on "Barn Ventilation."

For Roofing your Barns, the big "George" Shingle (24 in. x 24 in.), with its positive four-side interlocking device, affords ideal protection against fire, wind, snow, and rain.

And for your dwellings and out-houses the "Oshaw" Shingle (16 in. x 20 in.), of identical quality and design, is equally effective. Get our Shingle booklet.

Best grade Corrugated Siding, and a variety of Sheet Metal products always in stock at all our branches.

Write nearest address for Catalogue 22 F.D.

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Pedlar's
"Superior" Barn
Ventilator



G. H. Pedlar

Reply to

R. Austin,
WITH the information in the Wm. D. advertisement on Farm and Dairy, 1914, it is not surprising that J. A. Hunter felt prompt surprise that anyone would fail to take the O. A. his name go as a sponsor for statements. I write clear to readers of Farm and Dairy, however, that my name in connection with this entirely without my consent. I altogether agree with the fact that the advertisement including since the cost which these results were not taken into account in information on the subject to believe that the information obtained by the student mixed fertilizers is due of goods. Such importations as soil conditions, spraying, crop rotation, etc., are hinted at as being largely responsible for yields.

The following conditions which the results were these two young men with respect to your readers, and possibly be taken into account in the results.

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The Shingle Head

COURT THE METAL SHINGLE PRESTON

Please send me your free b

Name.....

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