

is at once apparent. The advantages to be derived from it are like the proceeds of a sum of money laid out at compound interest—they are cumulative in their effect and grow in ever increasing ratio. Some years ago a competition was carried on in some 450 places in Canada to see just what the actual results of using clean pure seed would be. If we reason from the results obtained from it, we find that our grain yield last year would have been increased by 190,000,000 bushels had clean vigorous seed been sowed on every acre under cultivation. Now, 190,000,000 bushels of grain would fill 1,500 miles of railway grain cars. It is such a large amount that it is hard for the mind to comprehend, but, at any rate, it goes to show that it would pay our farmers to be particular about the kind of seed they sow.

ONTARIO DEPARTMENT OF AGRICULTURE.

Fruit Branch—Circular to Correspondents

Kindly answer as fully as possible the questions given below. This information is desired for the usual spring report on the bee-keeping industry of Ontario. All the information you can give about bee-keeping in your neighborhood will be valuable. Please mail in the enclosed envelope not later than the end of May. Postage free if not sealed.

P. W. HODGETTS, Director.

What is your name?
Post Office.
County.
Township.
Con. Lot.
What is the prevailing soil of your neighborhood?
What is the sub-soil?
Is there good drainage?
What are your chief honey plants in summer?
What are prospects for honey this season?

Have you a Fall honey flow?

Does it yield surplus?

What source?

What was the number of colonies in your apiary in fall of 1909?

Present number?

If any change state cause.

What is general condition of bees this spring?

How were your bees wintered?

What winter stores were fed, honey or sugar syrup?

Give date of removal from cellar or packing cases?

Have you noticed any disease or pests among your bees?

Give fully their nature.

Are your bees Italian or what?

What is the name of the make of hive you use?

How many combs in the brood chamber?

If it has no name give dimensions of frame.

How many years have you been a bee-keeper?

What has been your chief difficulty in bee-keeping?

If you are not a bee-keeper kindly sign name and address and add the words "Not a bee-keeper" and return. Please give as far as possible names of all other bee-keepers in your township.

[The above notice has been sent out by the Government in large numbers, and it is to be hoped that all fruit men, bee-men, farmers, and others, will take time to reply. It will give the government much valuable information, and this information enables the government to assist us in various ways where we cannot help ourselves. If you have not received the above sit down and copy out the questions with your answers following.—Ed.]

Last fall I had four swarms good and strong. From 200 lbs. of extracted honey here is generally very good months. When winter comes to leave them on their feet and risk them coming through winter was not very severe. New Year. Then we had several feet in depth. covered up with snow and for several weeks, when come on and melt some of the hives. I would ban snow again. They came right and at present the 74 in the shade. Yesterday working strongly. I noticed they had three good flights winter. One about Christmas between the 1st of January of March. Can you beat

I now have, in the season, good strong hives.

S. M.

New Glasgow, N.S.

[You have done very well, Kenzie, but you took good care of your wintering. We want you to do so again. Please bring cases next time. That is an exceptional one. Bees gathering pollen the first of February and first of March soft maple, but last year more later. If you will manner next winter, you chances of losing all your

* * *

I wintered 55 colonies and came out in good shape on the 28th of March. I gather pollen the same day

W.

Mitchell.