

is to educate the young men away from the farms. A horticultural college would tend to keep our boys on the farm."

Mr. Honsberger, of Jordan, pointed out that hybridizing fruit is an operation which is receiving a great deal of attention and which has accomplished wonderful results. He was of the opinion that a horticultural college and a fruit experimental farm might, by following up this line of work, be able to produce such varieties as the fruit growers of the Niagara district need for shipment to distant markets.

It was pointed out by Mr. W. J. Drope, of Grimsby, that fruit growers through ignorance frequently plant varieties of fruit which afterwards prove very unprofitable. If they had a thoroughly equipped college and experiment station, which could give reliable information of this nature, loss of this kind could be avoided. Other speak-

ers included Mr. J. A. Keyes, of St. Catharines, and Mr. Nicholson, of Hamilton.

In replying to the deputation Hon. Mr. Monteith expressed the Premier's regrets that he was unable to be on hand to meet the deputation. The Minister of Agriculture stated that as yet the new government is only getting its feet in the stirrups and consequently it is not in a position to give an answer immediately to such an important request. The members of the deputation were assured that the department realizes the importance of the matter and that it will do all in its power to assist them.

Hon. J. S. Hendrie asked the deputation if the Dominion government had been approached. Mr. Honsberger stated in reply that the Department of Agriculture at Ottawa had been asked for assistance, but had stated that it could not take the matter up at present.

A GREAT INCREASE IN SPRAYING

"IT is astonishing how stirred up fruit growers are this year over spraying. Men are spraying who never sprayed before, while those who have sprayed in other years are spraying more thoroughly. They realize that if they are to successfully combat the grape and plum rot, apple scab and other troubles fruit growers are heir to, they have simply got to spray. For every power sprayer used in this vicinity last year there are three being operated this season."

These remarks were made to an editorial representative of *The Horticulturist* a few days ago by Mr. Murray Pettit, of Winona, who conducts the fruit experiment station at that point, and who is known as one of the most successful fruit growers in the Niagara district. The *Horticulturist's* representative, who visited the section to ascertain what the growers are doing this year in the line of spraying, was astonished at the evidence on every hand of the amount of that work that was being done. Orchard

after orchard was passed where the trees were almost perfectly white, they had been sprayed so thoroughly. The main topic being discussed by the fruit growers who were seen was spraying, and it included such subjects as the spraying experiments being conducted by Prof. Lochhead, of the Agricultural College at Guelph, the test that was recently made on the farm of Mr. E. D. Smith, of Winona, of different makes of spraying machinery, or some of the new spraying mixtures which are being introduced this year.

"In former years," continued Mr. Pettit, "I used a barrel Spramotor pump which had three nozzles. It was operated by hand, and by pushing the work I was able to apply eight barrels of mixture in a day. This year I decided to secure a larger outfit which I could use to advantage on my grapes. After looking over the various machines on the market I finally decided to secure a spraying outfit from the Spramotor Com-