

that had that orchard been manured it would have yielded a thousand dollars more this year than it did. We shook down about fifteen tons of crop that were too small for sale, and my share of that orchard was \$680, and it cost me about \$275 or \$280 for the spraying and packing and picking up of this fruit, cullage, etc., which left me just about \$480 clear for the operation. I think this is a practical illustration that might do as much as any other illustration. There is nothing political about it. I got money out of it, and am very well satisfied. (Applause and laughter).

R. W. SHEPHERD (Montreal): The fruit growers in the Province of Quebec who have tested spraying thoroughly are I think all quite unanimous that spraying must be kept up and that it pays well to spray. In connection with my export business of apples in cases, I have to purchase at outside places; I grow apples in different sections of the Province. I may say first of all that Fameuse is our leading apple in the Province of Quebec. You call it the Snow. It attains to great perfection in the Province of Quebec, and is our leading apple. It is by a long way the first and most profitable apple. It is also perhaps the most affected by the spot of any apple; therefore in our Province it is an absolute necessity for us orchard men to continue spraying, and to spray well, and we must not neglect it. In connection with my export business of Fameuse apples in cases, I have to visit the different sections of the country in order to buy the fruit to fill my cases in the different orchards, and in one section of the Province I visited one orchard where a man of great experience had about 500 barrels of Fameuse. After going through his orchard I said to him, "I don't think you will be able to fill one of my cases out of your whole orchard." He says, "No, I don't think I will; not good enough, not clean enough." I went to his neighbor on the next farm and he had sprayed his orchard the last three or four years and sprayed pretty thoroughly. I went through his Fameuse orchard and found very good fruit. He filled fifty cases. Further on a man who sprayed carefully filled 100 cases; and it was only in the orchards that had been sprayed that I could get good enough Fameuse for my business. My own experience is that unless the spraying is kept up and thoroughly done every year the orchard men in the Province of Quebec may as well give up growing Fameuse; and I think Mr. Brodie will bear me out in that, that in his section his orchard is in fine condition. His neighbors mostly French Canadians, have not bothered themselves about spraying, and they are cutting down their orchards. They found that Fameuse has become unprofitable, and the result is they don't want to learn I suppose, and they are going to some other kind of cultivation. That is the experience I had this year; in the orchards that were not sprayed I could not get good enough fruit for my business, in fact I had to give up buying fruit because I could not get good enough in the sections where the spraying was not done.

Mr. CARPENTER: I would like to know if Mr. Orr has experimented in some other directions of spraying than apples? Many of us are interested in growing pears and plums and peaches and no apples. Is there the same good done in spraying of peach orchards?

Dr. SAUNDERS: I may say in that exhibit in Toronto to which I referred, Mr. Orr exhibited some samples of the Flemish Beauty pears which had been sprayed, and some which had been gathered without spraying, and the one lot that had not been sprayed were badly cracked and diseased while the others were healthy. I have no doubt Mr. Orr has carried on experiments of other varieties of pears besides Flemish Beauty.

Mr. CARPENTER: Does the Government confine it to apples alone, Mr. Orr?

Mr. ORR: Apples alone is our regular business. Of course I have been spraying all my fruits for the last 13 years at home; that is experience apart from what I am doing in my regular work.

Mr. CARPENTER: Would it not be a good idea for the Government to give us a little benefit of the operation of spraying other fruit trees?

Mr. ORR: Your crops are so regular and you make so much money out of them that your case is not demanding much sympathy from the Government. (Laughter.) If time