

Dr. FLETCHER: There is this trouble, as Mr. Caston says, and even in spraying with all care it is well to wash your barrel out or stir it up with a broom after about three fillings. You can do it with a corn broom very well. In reply to the question as to spraying Paris green in the mixture, that is a very important one. I have never found it necessary to use any greater strength than one pound in 200 gallons, and have found excellent results with that. Mr. Brodie asked if it would not be better to have a stronger mixture than Mr. Orr uses. I would say it would be very dangerous to have it ever stronger than that. I think it was a lack of patience. Paris green is a slow killing poison, and it takes about two days to get the results.

Mr. BRODIE: In the meantime they eat up the whole of the potatoes. Laughter. I have heard from one of our Montreal fruit exporters that one of his farmers consigned apples to him sprayed with raw petroleum and water and Paris green. Have you heard of such a mixture for preventing the apple scab, the fungi on the apple?

Dr. FLETCHER: Yes, there has been a recommendation made during the last two years in the United States to use pure coal oil. At the present date, both in the States of Maryland and in New Jersey where it has been tried very carefully there are a great many injured trees from the application of that remedy. There is a special pump made by which the water and the coal oil are vaporized, broken up into very fine particles by the same machine. If anything gets out of order you are apt to do a great deal of injury, and hence they have not become very popular. The other remedy for the San Jose scale was to spray with pure coal oil on a bright day with a very fine nozzle. Anyone that has seen any spraying at all knows that if you have not fine weather the nozzle gets out of order very easily. It is better to use a weak solution and repeat it than to use a strong one and take the risk of losing all.

A DELEGATE: Tell us the solution for the San Jose Scale?

Prof. FLETCHER: Two experiments in the United States have shown that the only remedy that has given what we may call even good results is this pure coal oil, which is too dangerous for anyone to adopt, and the other is caustic potash or whale oil soap as strong as two pints to one gallon of water, which is a very expensive application.

SHOULD ONTARIO BE REPRESENTED AT THE PARIS EXPOSITION?

Mr. McNEILL: I am convinced that this Province should be represented at the Paris Exposition of 1900. It is on the back of the programme, and should be attended to at this session, as to-night is not a favorable opportunity, and I take the opportunity of making a motion in regard to it and offering a few remarks. I am sure it needs no words of mine to convince the people here that it would be to the advantage of everybody concerned that there should be a representative at the Paris Exposition; not that we care particularly for our trade with the French people, but that we care with our reputation with the world, and the world will be there. Therefore I take for granted that every person in this hall to night would be glad if the Government would have a representative at this exposition. I therefore move:—"That the Provincial Government be requested to make an exhibit at the Paris Exposition of 1900." It is put very briefly, and I presume that the Secretary will transmit this to the proper channels, and that the proper means will be taken to make the opinion of this Association effective. I am perfectly certain too, that we are very anxious that our fruit exhibit should be creditable to us. We have a wonderful country here which has been misrepresented, and of late years much has been done, and successfully done, to combat the old ideas in reference to Canada, and the man who is put there to represent us will have a great deal to do with how this country appears before the world. I would therefore add to this motion, "that this Association recommend that William Orr be in charge as a representative of the fruit men in Ontario." I do this because of his long experience in fruit growing, because of