

Township. Mr. Welch, in my presence, corroborated these statements so far as they apply to his own State of Michigan.

* "*Eradication Tests.* About six years ago, when the writer's investigations led him to the conclusion that Little Peach belonged to the Yellows group, an eradication test was started in a definite area in Saugatuck Township, Michigan. This area contained about seven square miles, was thickly planted to peach orchards and had about one hundred and forty thousand peach trees. There were some four or five thousand trees diseased that were found the first season. A small proportion of these, however, were affected with Yellows. Three inspections were made and the diseased trees were removed with a fair degree of promptness after each inspection. The next year only between four and five hundred diseased trees were found, being only a small fraction of 1 per cent. A slight increase of somewhat over a thousand trees was found the third season, evidently due to a local outbreak in the neighborhood, but the total number of diseased trees in this area was less than 1 per cent. Only about one-fifth of these were affected with Yellows, the remaining four-fifths being Little Peach. Similar results were obtained by the local Yellows Commissioners in the fourth season, which was 1906, and the orchards in this area are still standing in good condition as far as the Yellows and Little Peach are concerned.

"A similar eradication test was started by the Department of Agriculture, in 1906, in an area of some six or seven square miles around Youngstown, New York, in co-operation with the Cornell State Experiment Station, through arrangements with Professors Bailey and Craig. In general it may be stated that from the eradication tests where careful records have been made over a considerable area, and from the experience of the best-worked orchards, of which there are a large number in Michigan and a good many in New York, it is considered that when ordinary conditions obtain, the annual loss from the Yellows should be reduced to less than 1 per cent. per annum where prompt and careful eradication is done."

Since this time, some of the peach-growers of Saugatuck Township have become overconfident and careless, with the result that these men's orchards are to-day again becoming diseased, while those who have kept up the fight are keeping their orchards healthy.

*Taken from Prof. Waite's address before the Fruit Growers Association of Ontario, 1908.