

THE SAN JOSE SCALE.



At a meeting of the Niagara Peninsula Fruit Growers' Association held in St. Catharines, on the 8th of March, representatives were present from many parts of this extensive fruit district. A report of the San Jose Scale committee was presented by Mr. W. J. McCalla which was as follows:

Notwithstanding the efforts that have been put forth during the past year looking to the destruction of this pest, the Scale is still with us and in increasing numbers. So much so that those whose orchards are infested, are becoming greatly alarmed at its progress, and the resulting damage; while those whose orchards are not known to be infested are waking up to the great danger which menaces them.

Your committee regret that they have not had an opportunity to personally visit and thoroughly examine many of the orchards in which Scale exists, but by diligent inquiry, and by observations which they have been able to make, have arrived at the following

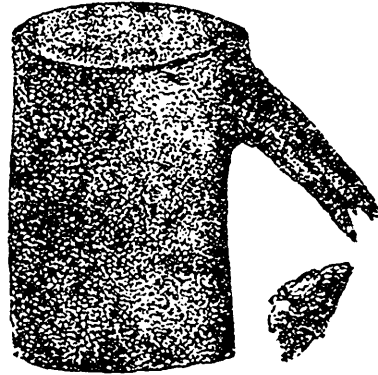


FIG. 2278. CUTTING INFESTED.

conclusions, and beg to submit them for your consideration.

1. That in view of the serious danger resulting from this insect, it is the duty of this association to urge upon its members and the public generally the necessity of making every effort wherever scale is located, to induce those interested to co-operate with the inspector and his assistants in their work, in order that a full and complete inspection may be instituted in all such orchards with a view to control and if possible eradicate this insect.

To this end it is very necessary that as a preliminary operation, all infested trees and orchards, if not already attended to, be at once thoroughly pruned and cleared of all surplus and unnecessary branches and loose bark, or anything which might prevent the spraying material reaching all the scale.

2. That the materials and methods which from past experience and the most reliable information, give promise of the best results, are the following:

- (a). For all trees, except peaches and cherries, crude petroleum, a 20 or 25 per cent solution in combination with water. For peach trees, whale oil soap, 2 1/2 lbs. to the gallon of water. In the case of the crude oil, care should be taken to cover the tree but once, and in order that an undue quantity of oil be not used a very fine nozzle should be employed.

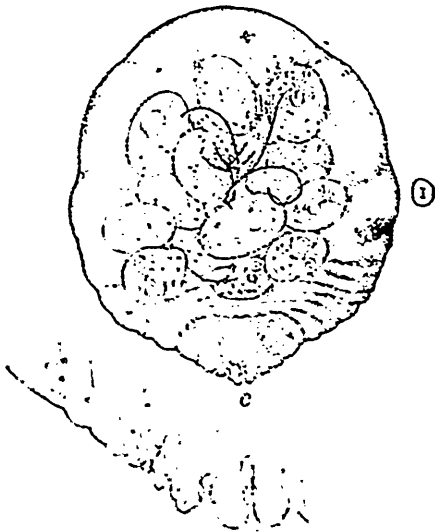


FIG. 2277. FEMALE SCALE. HIGHLY MAGNIFIED.