

Session Name
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Chemical Control/New Products

Title (use standard capitalization
and lower case letters)

Control of 1st Generation White Apple Leafhopper with Neonicotinoid Insecticides

Italics, colon

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Keywords: Actara, thiamethoxam, Assail, acetamiprid, Calypso, thiacloprid, Avaunt, indoxacarb, Provado, imidacloprid, Pyramite, pyridaben, Raynox, clay, Surround, kaolin, Sevin, carbaryl, white apple leafhopper, *Typhlocyba pomaria*, apple, chemical control, insecticide

Abstract: The efficacy of neonicotinoid insecticides and particle films was tested against the first generation of white apple leafhopper nymphs. Single tree replicates were sprayed to drip with a handgun sprayer, and pre- and posttreatment nymph counts were made. In general, all treatments were effective, although Pyramite and Raynox appeared to be slower acting than the other materials. Actara, Assail, Calypso and Surround all gave excellent control.