

CITRUS

Apta® insecticide provides fast and complete knockdown of Asian citrus psyllid (ACP) while offering an alternate rotational tool for ACP spray programs. At higher rates, Apta also provides additional broad spectrum control of citrus rust mites, citrus red mites, citrus mealybugs, soft scales, and aphids.

Key Benefits

- Effective on all life stages of Asian citrus psyllid
- Fast mode of action
 - rapid feeding inhibition
 - controls pests usually within 24 to 48 hours
 - foliar contact insecticide that inhibits cellular respiration in the insect
- Excellent resistance management tool
 - IRAC Group 21A – Mitochondrial Complex 1 Electron Transport Inhibitor (METI)
 - ideal rotational chemistry with most commonly used insect control programs that include organophosphates, pyrethroids, diamides, and neonicotinoids

Use Recommendations

- Label rates
 - 14 to 27 fl oz/a: Asian citrus psyllid
 - 21 to 27 fl oz/a: Citrus mealybug, soft scales
 - 24 to 27 fl oz/a: Citrus rust mite, citrus red mite
- Apply by ground with a minimum of 100 gallons water per acre

Product Information

- Apta is a contact insecticide. Thorough spray coverage is critical to obtain control of the target pest(s).
- Reentry Interval (REI): 12 hours
- Preharvest Interval (PHI): 3 days

Target Pests

Asian Citrus Psyllid



Eggs



Nymphs



Adults



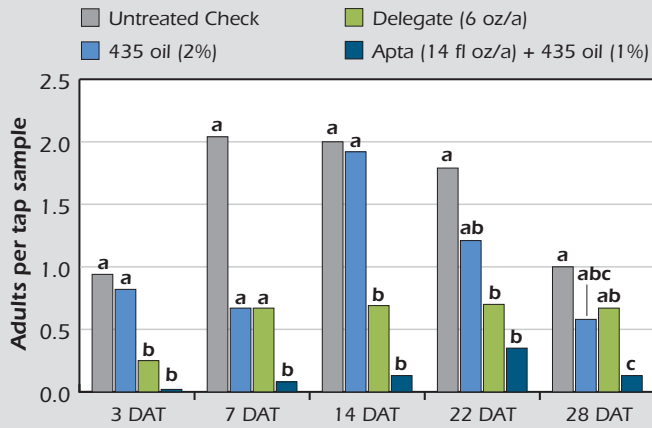
Citrus Rust Mite

See reverse for additional information >



Efficacy of Apta Insecticide

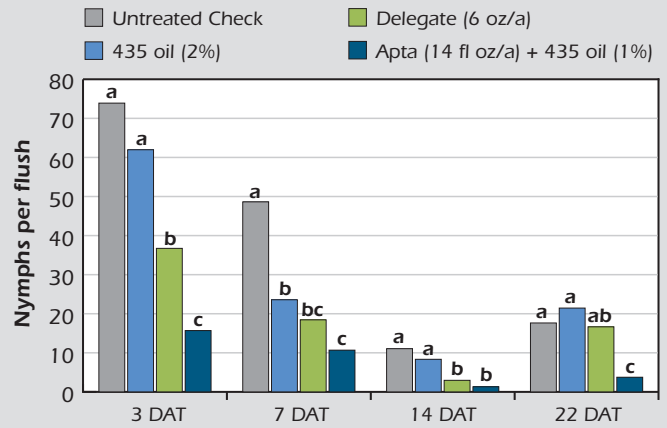
Control of Asian Citrus Psyllid



Sweet orange 'Hamlin' 12-yr, Asian citrus psyllid (*Diaphorina citri*), RCBD, 4 reps
Application: 2014 April 21, airblast sprayer, 100 gpa

Dr. Philip Stansly, UF SWFREC, Immokalee, FL

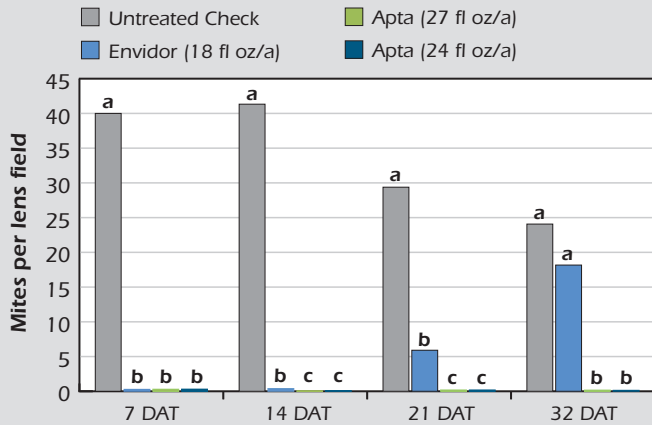
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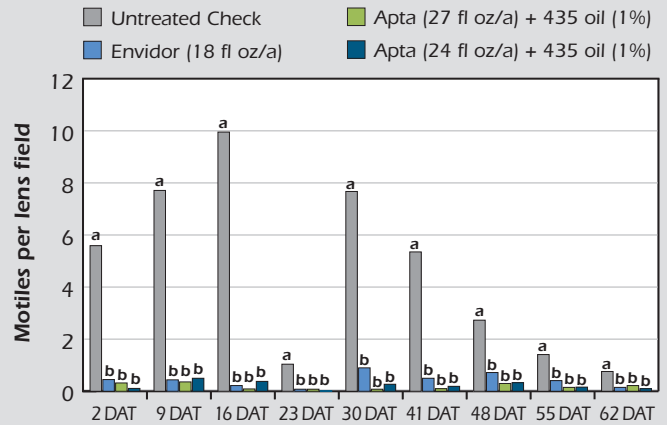
Control of Citrus Rust Mite



Valencia orange, citrus rust mite (*Phyllocoptruta oleivora*), RCBD, 4 reps
Treatment: 9/5/2014, airblast sprayer at 125 gpa, with 1% 435 oil

Dr. John Curtis, Better Crops LLC, Venus FL

Control of Citrus Rust Mite



Citrus Rust Mite *Phyllocoptruta oleivora*, RCBD, 4 reps
Treatment: 2014 October 22, airblast sprayer. Note: 23 DAT sampling was done in a cold, rainy morning.

Dr. Philip Stansly, UF SWFREC, Immokalee, FL



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