

Fact Sheet

ASIAN CITRUS PSYLLID

DATE: March 2021

LOCATION: California



The efficacy of NanoCrop, Powered by PureCrop NanoTech, as a standalone solution for controlling ACP was evaluated in an independent study on lemon trees conducted by the University of California Riverside. Four organic treatments were trialed, and the NanoCrop plot that was treated with a single application of 1.5% v/v with 120-gal/acre significantly decreased the ACP count on the first and third days after treatment (DAT 1 & 3).



KEY TAKEAWAYS

NanoCrop can be used as a standalone organic treatment for ACP.

Control of ACP can help stop the spread of HLB in citrus.

Coverage & frequency is important to gain control of infestation.

Standalone residual effect lasts 7-10 days, reapplying is needed for continued results.

“[NanoCrop] significantly reduced ACP nymph density at 1 and 3 DAT.”

- M. J. Rivera

Dept. of Entomology

University of California Riverside

DILUTION RATES

Curative treatment:

0.75% v/v rate every 10-12 days

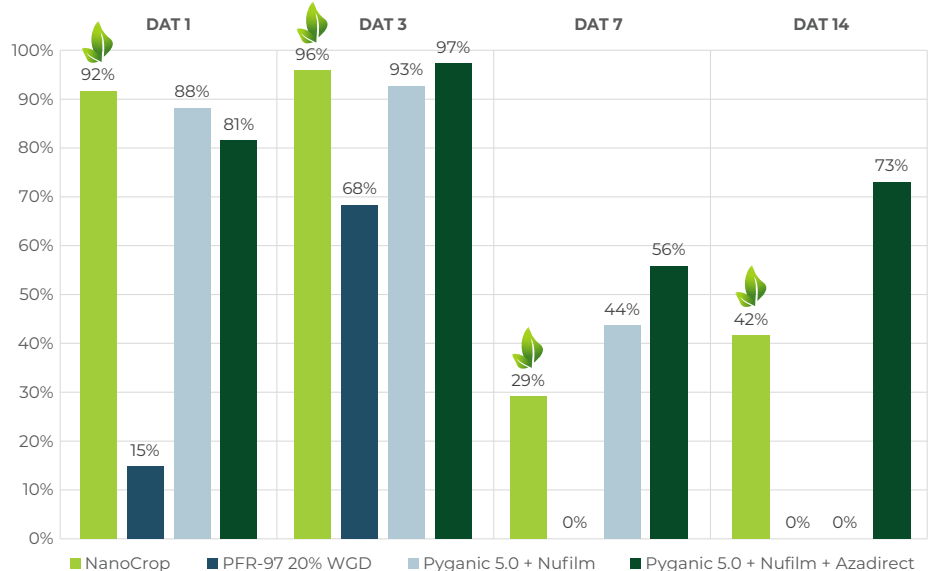
Preventative care:

1.5% v/v rate until control

*FREQUENCY AND DILUTION RATES DEPEND ON THE VARIATION IN CROPS, GROWING METHODS, CLIMATE, AND GEOGRAPHY. ADJUST YOUR IPM PROCESS BASED ON YOUR SPECIFIC NEEDS.



Percent Reduction VS Pre-Count



All references to "NanoCrop" in this fact sheet and referenced data refer to and reference PureCrop1 data, results, and application. NanoCrop's formula is based on PureCrop NanoTech and is optimized for commercial agriculture application. Results will be comparable.



Scan the QR Code to read more about this study!

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Vs

A COMPARISON

Crop Oil

Start Your Crops Off Right This Season



This farm uses NanoCrop on Stone Fruit, Almonds, and Walnuts.

NanoCrop

- Spray timing can be later due to no Phytotoxicity
- Only one spray needed
- Uniform bloom
- Increase nutrient uptake
- Reduce abiotic stress
- Safe to spray up to bud swell
- Safe to use with beneficials
- Safe for bees
- Rain-fast in two hours
- **Diseases & Pests Controlled (Include):**
 1. Alternaria spores
 2. Anthracnose
 3. Blossom rot
 4. Cherry leaf spot
 5. Fireblight
 6. Mite Eggs
 7. Peach leaf curl
 8. Scale



Crop Oil

- Need to spray earlier due to risk of phytotoxicity
- Could require multiple applications
- Long-term negative effects in bee population
- Crop oil is a product of petroleum production
- Can diminish weak trees