

Fact Sheet

ADJUVANT IN CITRUS RUST MITE



DATE: September 2020

LOCATION: Texas



In the study conducted by A&M Lab, NanoCrop was evaluated as an adjuvant for controlling citrus rust mites. Two plots were tested, where one plot was treated with the conventional miticide, Agrimek, and the other plot was treated with Agrimek along with 1% NanoCrop. The results showed that **the addition of NanoCrop outperformed the use of Agrimek alone** in terms of controlling the total amount of live mites compared to the control. The study also revealed that **NanoCrop not only enhanced the efficacy of the conventional product but also prolonged its effectiveness.**



KEY TAKEAWAYS

- Extends the duration of control on conventional chemicals.
- Highly compatible with most products.
- Compatible with ionic and nonionic particles, except other surfactants.
- NanoCrop significantly enhances efficacy when used as an adjuvant.

CITRUS RUST MITE INSECT COUNT

	9/2	9/9	9/16	9/23
Agrimek @ 4oz/ac	8	2	1	3
Agrimek + NanoCrop	7	1	1	1

**Total number of live mites*

DILUTION RATES

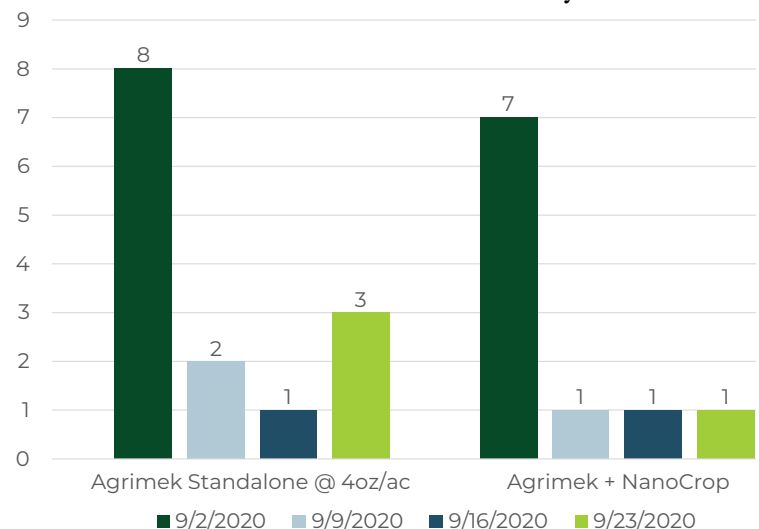
AS ADJUVANT:

0.25% - 0.5% v/v rate of NanoCrop

**Frequency and dilution rates depend on the variation in crops, growing methods, climate, and geography. Adjust your IPM process based on your specific needs.*



Citrus Rust Mite Density



**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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