

PRODUCT DATA SHEET



A New Approach

CITRUS RUST MITE

September 2020



This test demonstrates the efficacy of PureCrop1 on Citrus Rust Mite. The test plot received one application and insect counts were recorded weekly over four weeks. **One week after application, PureCrop1 reduced the overall citrus rust mite population by 82%.** As the study progressed, PureCrop1 continued to show control and suppression of the citrus rust mite. **When used as a standalone treatment at 1%, PureCrop1 demonstrates effective control of Citrus Rust Mite.**

KEY TAKEAWAYS



PureCrop1 can be used as a standalone treatment for Citrus Rust Mite.



The mode of action is by bio-selective membrane disruption.



PureCrop1's nano-particle is what allows great efficacy.



Mortality is due to constant expansion of micelles in the gut.

TRIAL DATA | THE PURE RESULTS

These results compare the total amount of live mites to the control. Application should be reapplied every 10-12 to maintain control.

Full study available on our website!
PureCrop1.com/Studies

DILUTION RECOMMENDATION

As a Standalone: 1% - 1.5% v/v rate of PureCrop1

*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 - Insect Count

	9/2/2020	9/9/2020	9/16/2020	9/23/2020
Control	6	8	22	26
PureCrop1 - 1% v/v	17	3	9	10

**total number of live mites*

