

CARBON DEFENSE PROVIDES ROBUST POWDERY MILDEW CONTROL ON APPLES

Collins Agricultural Consultants Inc. | Oregon

RESEARCH SUMMARY

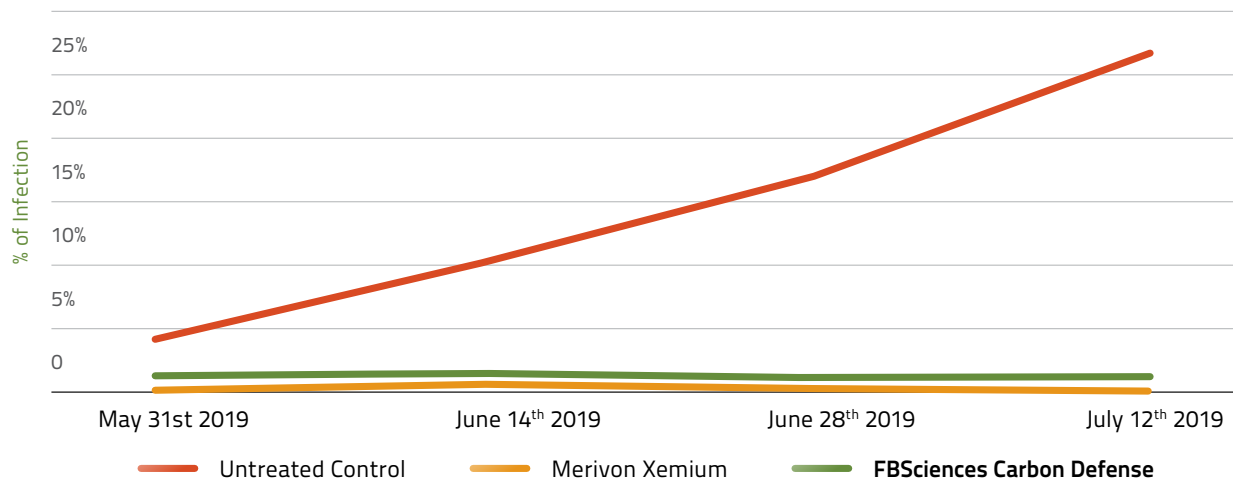
A research trial conducted by Collins Agricultural Consultants near Hillsborough, Oregon demonstrated the ability of Carbon Defense to keep powdery mildew at below economic threshold on apples.

TRIAL DESIGN & PROTOCOL

- Randomized Complete Block Design, 4 Replicates
- Treatments
 - T1 - Untreated Check
 - T2 - Merivon Xemiumat at 5.5 ounces/acre
 - T3 - **Carbon Defense at 4 quarts/acre**
- 7 application dates with 7 day intervals (Beginning April 26th)
- 4 measurements taken (May 31, June 14, June 28, July 12)

Powdery Mildew Control on Apples

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RESULTS

- **Carbon Defense kept powdery mildew at below economic threshold for the entire study**
- Carbon Defense provided excellent control of powdery mildew and was effective at keeping disease severity to <2%
- Due to resistance management issues and label restrictions, Merivon should not be used more than 4x in a season (and never more than in 2 sequential applications)
- Carbon Defense is perfect to be used as a rotational fungicide with a product like Merivon (as it can be used as many times as needed when used alone)

