

**PRODUCT DATA SHEET**



A New Approach

**POWDERY MILDEW**

**May 2020**



U.C. Davis greenhouse bioassays were used to evaluate the ability of PureCrop1 to eradicate existing powdery mildew infections, and evaluate any residual action of PureCrop1 against reoccurring infections. The test plots of roses were treated once by foliar spray before measuring results at 72 hours, 5 days, and 7 days. **PureCrop1 was found to perform as well as or better than a standard fungicide used for mildew control in commercial roses.**

*Full study available on our website! [PureCrop1.com/Studies](http://PureCrop1.com/Studies)*

**KEY TAKEAWAYS**



There are no seasonal limitations to using PureCrop1.



PureCrop1 can perform better than leading commercial fungicides.



Apply PureCrop1 early to prevent mildew from infecting plants.



PureCrop1 provides protection for up to 10 days after initial application.

**STUDY DATA | THE PURE RESULTS**

Results **(right)** of the first set of trials evaluating the residual control of PureCrop1 against powdery mildew under conditions of high infection pressure.

Results **(bottom)** of the second laboratory trial evaluating the residual control of PureCrop1 against powdery mildew under conditions of high infection pressure.

Treatment	72 hrs	5 Days	7 Days
WOC	7	18	21
WOC	7	14	19
PureCrop1 .66%	0	0	0
PureCrop1 .66%	0	1	2

*\*number of infected leaves per potted rose plant*

Treatment	72 hrs	5 Days	7 Days
WOC	3	9	11
WOC	5	14	19
PureCrop1 .66%	0	0	0
PureCrop1 .66%	0	0	1

*\*number of infected leaves per potted rose plant*

**DILUTION RECOMMENDATION**

**As a preventative:** 1% v/v of PureCrop1 applied by foliar every 7 - 10 days

**As a curative treatment:** 1.5% v/v of PureCrop1 at increased intervals

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