



SULFUR AND VINTRE® FOR THE CONTROL OF POWDERY MILDEW ON CHARDONNAY GRAPES

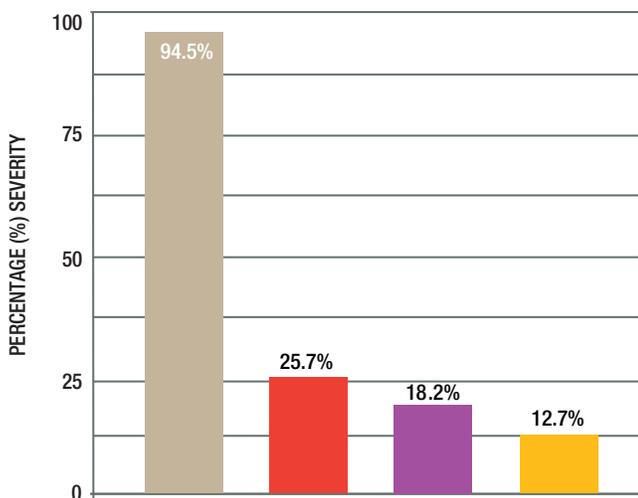
TARGET	Powdery mildew (<i>Uncinula necator</i>)	CROP	Chardonnay grape (<i>Vitis vinifera</i>)
TRIAL DATE	April 2009	LOCATION	Courtland, California, USA
RESEARCHER	W. Douglas Gubler, Christopher N. Janousek, Ian S. Bay, Department Of Plant Pathology, UC Davis		

APPLICATION

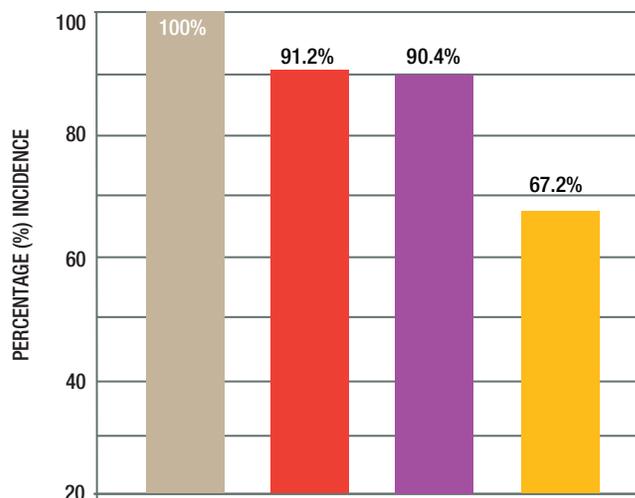
The micronized sulfur and micronized sulfur plus **VINTRE**® treatments were part of a series of trials performed by the Department of Plant Pathology, University of California, Davis, during the 2009 season. Trials were laid out as complete randomized designs with 5 replicates. Treatments were applied with handgun sprayers delivering 100 gallons per acre pre-bloom, increasing to 200 gallons per acre in the late part of the season.

- UNTREATED
- Sulfur (5 lbs/ acre) (Every 14 Days)
- Sulfur (3 lbs/ acre) (Every 14 Days) + **VINTRE** (0.25%)
- Sulfur (5 lbs/ acre) (Every 14 Days) + **VINTRE** (0.25%)

SEVERITY OF POWDERY MILDEW ON CHARDONNAY CLUSTERS AT START OF VERAISON FOLLOWING DIFFERENT SPRAY TREATMENT PROGRAMS AT 14-DAY INTERVALS, FROM MID-APRIL TO MID-JULY 2009



INCIDENCE OF POWDERY MILDEW ON CHARDONNAY CLUSTERS AT START OF VERAISON FOLLOWING DIFFERENT SPRAY TREATMENT PROGRAMS AT 14-DAY INTERVALS, FROM MID-APRIL TO MID-JULY 2009



The addition of **VINTRE** to a 40% reduced rate of sulfur (3 lbs/acre) results in a better level of control and percent incidence of powdery mildew compared to the full-rate of sulfur (5 lbs /acre) alone. The highest level control and lowest percent incidence was achieved with the addition of **VINTRE** to the full-rate of sulfur.