

## BASIC INFORMATION

<b>TARGET</b>	Powdery mildew ( <i>Erysiphe necator</i> )
<b>CROP</b>	Grape, cv. Chardonnay ( <i>Vitis vinifera</i> )
<b>SPRAY VOLUME</b>	started at 935 l/ha, increased to 1870 l/ha
<b>LOCATION</b>	Courtland, CA • USA
<b>TRIAL DATE</b>	April 2009
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## FIELD SITUATION

The micronised sulphur and micronised sulphur plus **WETCIT** treatments referred to in this document were part of a series of trials performed by the Department of Plant Pathology, University of California, Davis, during the 2009 season.

Treatments were laid out as complete randomised designs with 5 replicates.

Treatments were applied with handgun sprayers delivering 935 litres per hectare pre-bloom, increasing to 1870 litres per hectare in the late part of the season



**TARGET: POWDERY MILDEW**

*Erysiphe necator*

## TREATMENT TABLE

TREATMENT	RATE	FREQUENCY
1 Untreated control		
2 Microthiol® 80 WG (sulphur)	5,6 kg/ha	Every 14 days
3 Microthiol® 80 WG (sulphur) + <b>WETCIT</b>	3,4 kg/ha 0,25 %	Every 14 days
4 Microthiol® (sulphur) + <b>WETCIT</b>	5,6 kg/ha 0,25 %	Every 14 days

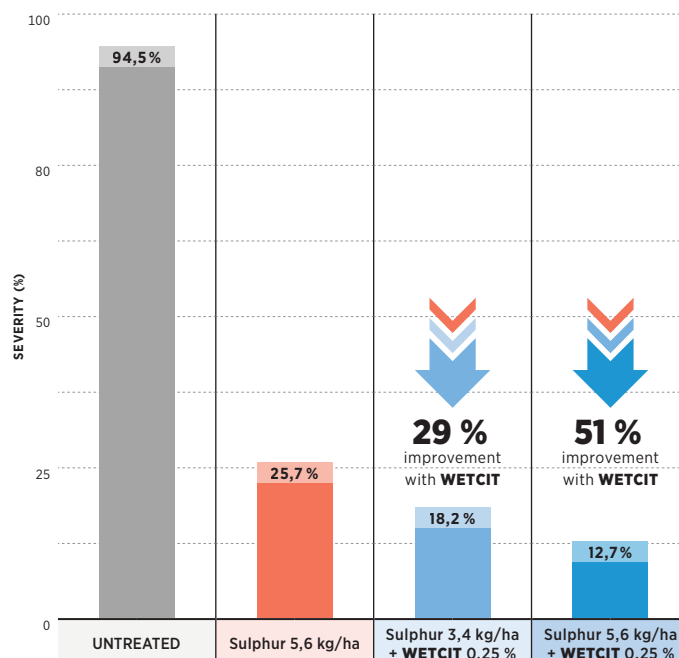
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**FIGURE 1**

### Severity of powdery mildew

On Chardonnay clusters at start of veraison

FOLLOWING 6 DIFFERENT SPRAY TREATMENTS AT 14-DAY INTERVALS, FROM END-APRIL TO MID-JULY 2009

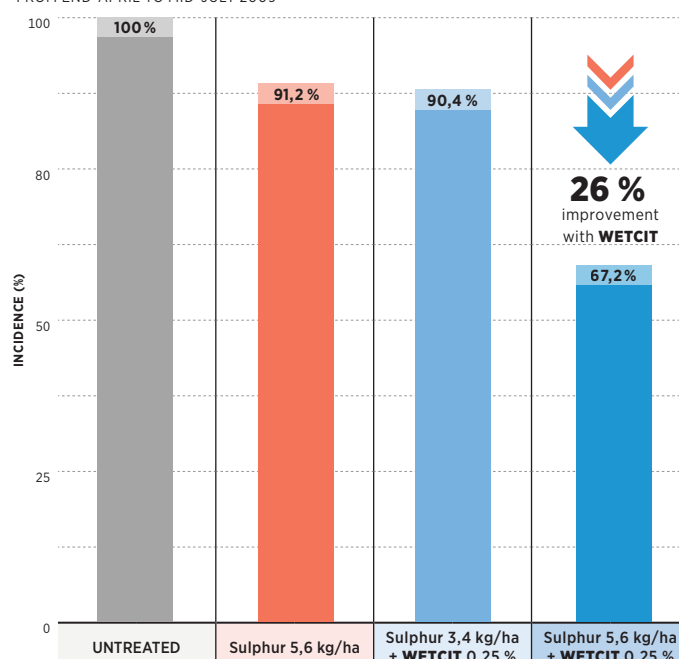


**FIGURE 2**

### Incidence of powdery mildew

On Chardonnay clusters at start of veraison

FOLLOWING 6 DIFFERENT SPRAY TREATMENTS AT 14-DAY INTERVALS, FROM END-APRIL TO MID-JULY 2009



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