

# OxiDate® 5.0

Broad Spectrum Fungicide & Bactericide

## Disease Protection in Grapes

### Key Features & Benefits

- REI: zero hours (until sprays have dried)
- PHI: zero days
- No residue, MRL exempt
- Ideal for IPM programs; no known resistance
- Tank mix compatible with many commonly-used pesticides, fertilizers & adjuvants

**5% Peroxyacetic Acid (PAA)**

+ 27% HYDROGEN PEROXIDE

### Control Plant Pathogens

OxiDate 5.0 is an EPA-registered fungicide/bactericide and functions by eradicating plant pathogens on the plant surface upon contact.

Thorough coverage is essential for maximizing product performance.

Peroxyacetic acid is a powerful and versatile fungicide/bactericide that is broad-spectrum and highly compatible in tank mixtures.

OxiDate 5.0 is flexible to use in conventional or organic disease control programs.

Disease Pressure	Dilution Rate	fl oz/100 gal	Frequency
Average	1:256 0.39%	50	3-10 days
Heavy	1:100 1.0%	128	3-5 days

Recommend use of a compatible spreader/sticker.

### Use Rates in Grapes:

Spray Volume: 50–200 GPA

Final spray volume will depend on canopy size and growth stage. Up to 500 GPA in selected applications only.

### Diseases Controlled in Grapes:

- Powdery Mildew
- Botrytis Bunch Rot
- Sour Rot
- Downy Mildew
- Phomopsis Blight
- Black Rot



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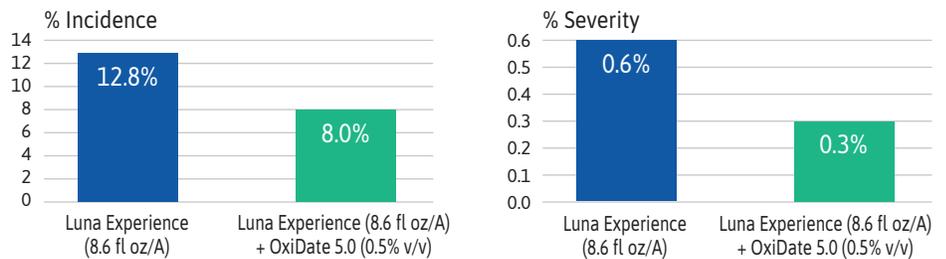
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Technical Summary

## Powdery Mildew Control in Grapes

Enhance Your  
Conventional  
Chemistry

OxiDate 5.0 can be used with conventional fungicides to improve overall powdery mildew control:



Untreated: 100% Incidence, 89.2% Severity | 6 applications; 14- to 21-day application intervals.

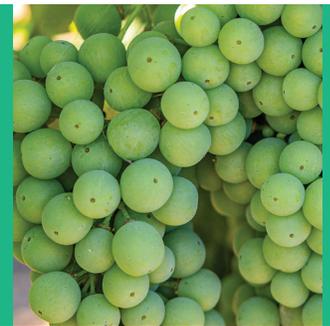
UC Davis tests both conventional and organic fungicides against aggressive powdery mildew in a highly-susceptible grape variety, Chenin Blanc.

Last application: June 27th, Photos: July 8th



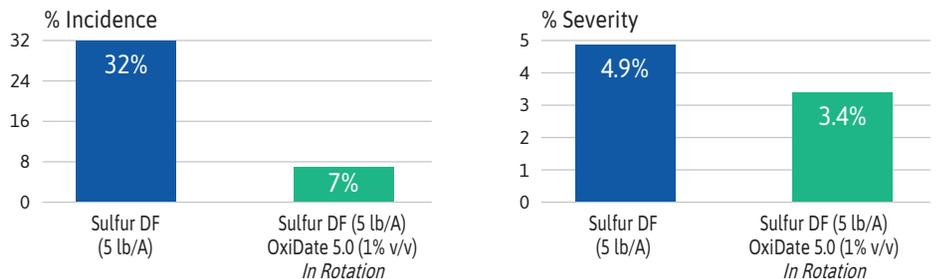
← Untreated

Sulfur Rotated with OxiDate 5.0 →



Strengthen  
Your Organic  
Program

OxiDate 5.0 rotated with sulfur resulted in improved powdery mildew control over weekly sulfur alone:



Untreated: 100% Incidence, 89.2% Severity | 11 applications; 7-day application intervals.

