



WETTABLE
GRANULE



BIOFUNGICIDE

GRAPES



CHARACTERISTICS

EPA REGISTERED

Active Ingredient
Clonostachys rosea
strain J1446

Guarantee
> 1.0 x 10⁹ CFU/g

4-hour REI; 0-day PHI

Package Sizes
5 x 2 lbs / 10 x 3.5 oz

Storage information
Store sealed in the original
packaging in a cool, dry place.

No chemical residues

Not harmful to bees
and beneficials

Always read and follow
label instructions

BIOFUNGICIDE FOR VITICULTURE CONTROLS POWDERY MILDEW AND BOTRYTIS ON GRAPES

Three Modes of Action

LALSTOP G46 WG has three modes of action, which make it uniquely effective:

- 1. Competition:** Outcompetes pathogens for space and nutrients
- 2. Antagonistic Metabolites:** Creates a protective barrier
- 3. Predation:** Attacks and feeds on pathogens

These three modes of action are a triple threat to pathogens, providing unique efficacy and enhanced resistance management.

Powdery Mildew*

Recommended Rate: 1.6 oz – 1.75 oz per acre in 45+ gallons of water per acre

Timing: From budbreak to harvest depending on disease pressure

Application Interval: 7 – 14 days depending on disease pressure

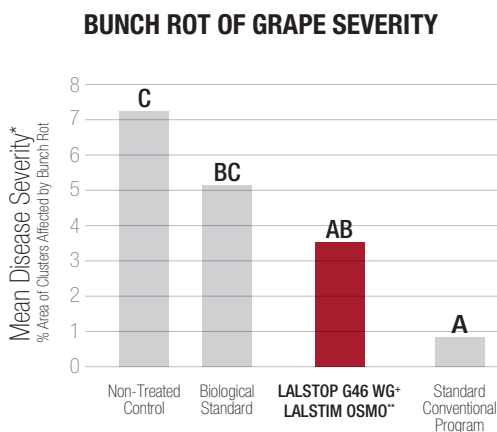
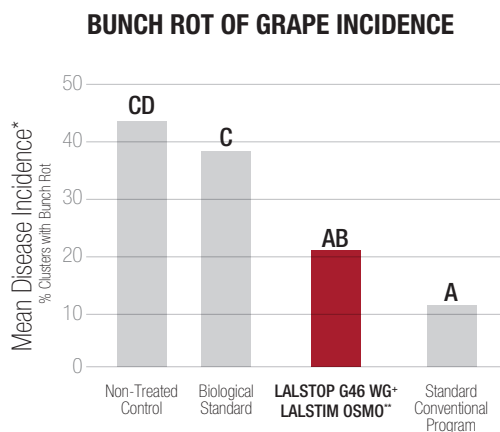


Botrytis

Recommended Rate: 3.2 oz – 3.5 oz per acre in 45+ gallons of water per acre

Timing: Standard Botrytis timing: bloom, bunch close, veraison, post-veraison

Efficacy Against Botrytis Bunch Rot



Trial Results Eskalen Lab, UC Davis, 2021

LALSTOP G46 WG applied at the normal Botrytis timing outperformed the biological standard and was similar in efficacy to the standard conventional program.

LALSTOP G46 WG was applied at 3.5 oz/acre with 4 oz/acre of LALSTIM OSMO at bloom, bunch close and veraison.

*Powdery Mildew registration pending in California. Check for local registration. **LALSTIM OSMO used as an osmoprotectant.

Microbial By Nature

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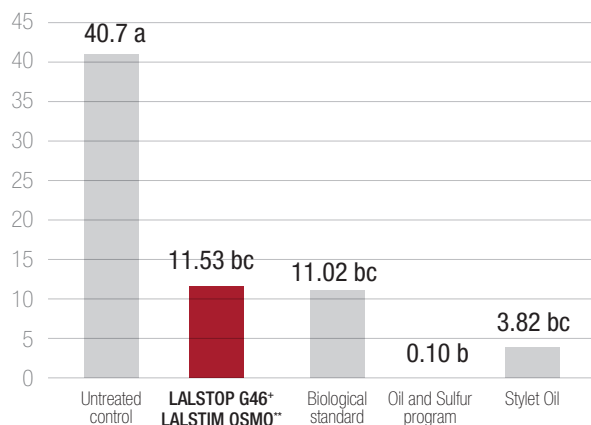
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Efficacy Against Powdery Mildew Organic Viticulture

% OF SEVERITY ON BUNCH



Integrating LALSTOP G46 WG in an organic program can maintain efficacy on both Powdery Mildew and Botrytis while reducing the number of sulfur and oil applications needed. Risks associated with sulfur and oil include:

- Sulfur has risk of hydrogen sulfide in wines, leaf burn and phytotoxicity
- Oils can lower photosynthetic rate, delay maturity, and take the bloom off berries

Trial results Eskalen Lab, UC Davis, 2022

LALSTOP G46 WG performed like the biological standard on Powdery Mildew and benchmarked well against an oil only program and an oil and sulfur combined program.

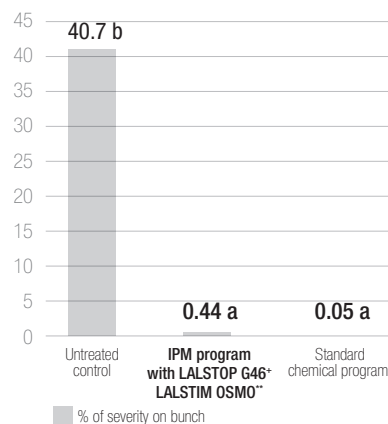
Regenerative and Sustainable Viticulture

LALSTOP G46 WG in an integrated program can maintain disease efficacy, while greatly reducing the number of chemical applications and residues.

Trial Results Eskalen Lab, UC Davis, 2022

Integrating LALSTOP G46 WG in an IPM program resulted in very good control of Powdery Mildew with a **70% reduction of synthetic products while maintaining efficacy.**

% OF SEVERITY ON BUNCH



**LALSTIM OSMO used as an osmoprotectant.

Tip: For best results with LALSTOP G46 WG, combine with 4 oz/acre LALSTIM OSMO to reduce abiotic stress effects that make plants more susceptible to infection. LALSTIM OSMO is an osmoprotectant comprised of >97% Glycine Betaine.

Compatibility: Can be used in rotation and in tank mixes with common fungicides including wettable sulfur, copper, potassium bicarbonate and Cyflufenamid. See LALSTOP G46 WG's compatibility chart for the most recent compatibility information. For dosage and product information, contact a Lallemand representative.

For more information,
contact Lallemand Plant Care's
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