



**EARLY SEASON SPRAY IPM GUIDE  
FOR DISEASE MANAGEMENT**



**BIOLOGICALS PROVIDE DEPENDABLE SUPPLY & A RELIABLE RESISTANCE MANAGEMENT PROGRAM**

**DISEASES:** Powdery Mildew Botrytis

**THE BIONITE™ APPROACH YIELDS BETTER CONTROL**

- Harness the power of biology & the performance of chemistry with BioUnite tank mix programs.
- Using a BioUnite program allows for multiple modes of action, softer chemistries, & resistance prevention.



**MULTIPLE MODES OF PREVENTABLE ACTION**



A unique *Bacillus* strain with multiple modes of action & broad spectrum control.

**Active Ingredient:** *Bacillus amyloliquefaciens* strain F727  
**Mode of Action:** Peptides prevent infection; Living spores form protective barrier; ISR/SAR activity  
**FRAC Code:** BM 02  
**Applications:** Foliar, In-Furrow, Chemigation  
**Rate:** 1-4 qts./A every 7-10 days  
**Tank-Mix Compatible**  
**Adjuvants:** Recommended  
**Rainfast:** 24 hours  
**Water pH:** 6-8



A fungal & bacterial disease management tool that promotes plant health & immunity.

**Active Ingredient:** *Reynoutria sachalinensis*  
**Mode of Action:** Preventative SAR/ISR  
**FRAC Code:** P5  
**Applications:** Foliar, Aerial, Chemigation  
**Rate:** 1-4 qt./A every 7-10 days  
**Tank-Mix Compatible:** Copper, PAA, Oils, Most FRAC groups including but not limited to 3, 7, 9, 11, M, BM01 & BM02  
**Adjuvants:** Not Required  
**Rainfast:** 1 hour  
**Water pH:** 6-8



A fungicide, bactericide, algacide with industry-leading stability & robust label.

**Active Ingredients:** Hydrogen Peroxide + Peroxyacetic Acid (PAA)  
**Mode of Action:** Curative & Preventative Contact  
**Applications:** Foliar, Chemigation  
**Rates:**

- Preventative: 1-2 qts./100 gal. rotated or stand alone; every 7-14 days or after rain event
- Curative: 3-4 qts./100 gal. Thoroughly wet plants & use surfactant every 3-7 days; resume with preventative program

**Tank-Mix Compatible:** Do not mix directly with Copper, Sulfur, Zinc & Magnesium  
**Adjuvants:** N/A  
**Rainfast:** N/A – Leaves no residue; biodegrades into water, oxygen & carbon dioxide after contact  
**Water pH:** Effective with a wide range of temperatures & pH ranges

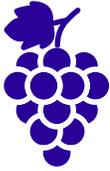


\* Jet-Ag is not minimal PPE. Always read & follow label instructions.



Scan to View Biological Education, IPM Guides & Product Information for Grapes

GRAPES: POWDERY MILDEW & BOTRYTIS



• Regalia 1-2 qts./A

*If disease is already present, tank mix with Jet-Ag as a contact fungicide for best results.*

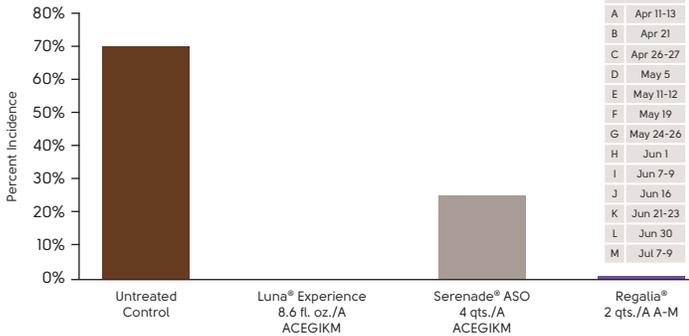
• Stargus 1-2 qts./A or Regalia 1-2 qts./A

• Jet-Ag 2-4 qts./100 gal.

• Stargus 1-2 qts./A or Regalia 1-2 qts./A

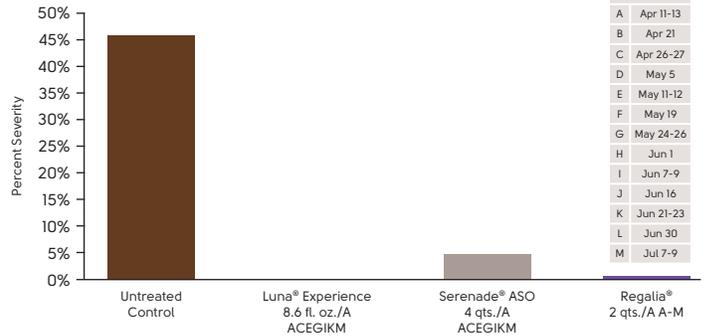
REGALIA® BIOFUNGICIDE FOR GRAPES

99% Reduction of Powdery Mildew Incidence vs. Untreated Dr. Eskalen, UC Davis, 2021 • Variety: 'Chenin Blanc'



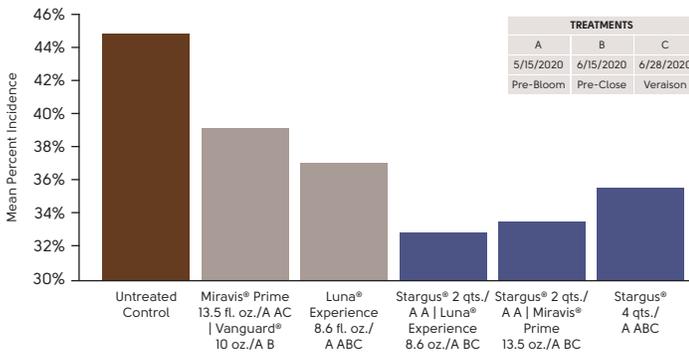
REGALIA® BIOFUNGICIDE FOR GRAPES

Nearly 100% Reduction of Powdery Mildew Severity vs. Untreated Dr. Eskalen, UC Davis, 2021 • Variety: 'Chenin Blanc'



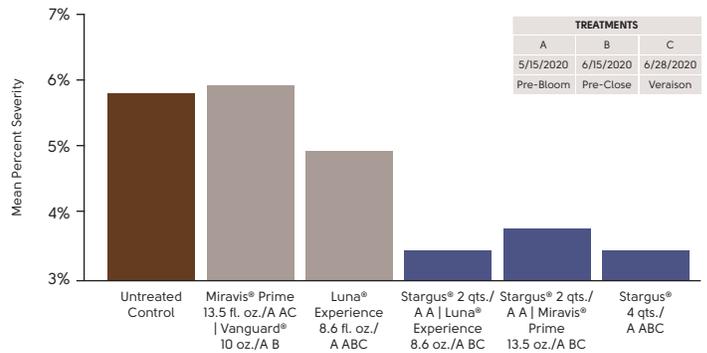
STARGUS® BIOFUNGICIDE FOR GRAPES

Grape Botrytis Incidence Dr. Eskalen, UCD, 2020, Clarksburg, CA • Variety: 'Riesling'



STARGUS® BIOFUNGICIDE FOR GRAPES

Grape Botrytis Severity Dr. Eskalen, UCD, 2020, Clarksburg, CA • Variety: 'Riesling'



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