



## DEPENDABLE PATHOGEN CONTROL

# COMBATS FOLIAR AND ROOT PATHOGENS

Protect your plants from destructive diseases. LALSTOP G46 WG controls a variety of both foliar and soilborne diseases in fruit, vegetable, herb, and ornamental crops. LALSTOP G46 WG is effective in vigorously controlling or suppressing **foliar pathogens** such as:

- ✓ *Botrytis cinerea*
- ✓ **Powdery Mildews**
- ✓ *Didymella bryoniae*

and soilborne pathogenic species of:

- ✓ *Pythium*
- ✓ *Rhizoctonia*

### ADVANTAGES

- Based on a **naturally occurring fungus** that is safe to growers, consumers, beneficial insects, and the surrounding environment.
- Controls a vast number of common plant diseases including grey mold, powdery mildew, gummy stem blight, damping-off, root and crown rots, and others.
- Serves as a **protective barrier against pathogens**, enabling robust plant growth that naturally leads to reduced susceptibility to diseases.
- **Compatible** with most IPM programs.
- **No known risks for resistance** due to multiple modes of action.

### TIP

For even better management of foliar diseases with LALSTOP G46 WG, combine with LALSTIM OSMO to reduce stress effects that make plants more susceptible to infection.

### RECOMMENDED CROPS



Greenhouse  
Fruit & Vegetables



Field-Grown  
Fruit & Vegetables



Cannabis\*



Ornamentals

### CHARACTERISTICS

EPA REGISTERED

**Active Ingredient**

*Clonostachys rosea* strain  
J1446

**Guarantee**

>1.0 x 10<sup>9</sup> CFU/g

**4-hour REI; 0-day PHI**

**Always read and follow label instructions**

**Package Size**

5 x 2 lbs  
10 x 3.5 oz

**Storage information**

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



### MODES OF ACTION

Several modes of action are in play for unmatched plant protection. LALSTOP G46 WG:

- Creates protective zones around plants (**Antagonistic Metabolites**).
- Outcompetes pathogenic organisms for space and nutrients on plant surfaces and around roots (**Competition**).
- It also attacks and feeds on key pathogens to reduce their potential to infect plants and cause disease (**Predation and Hyperparasitism**).

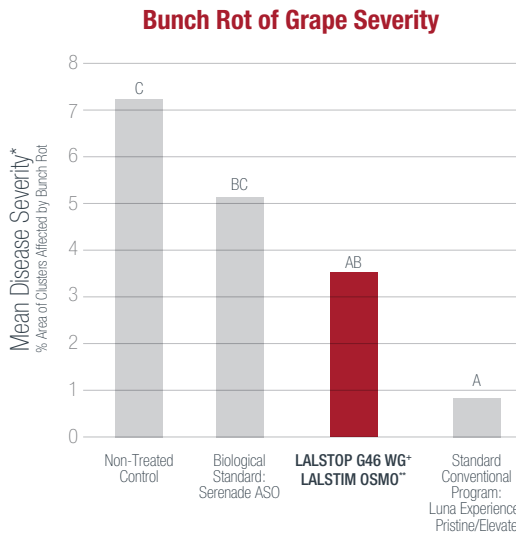
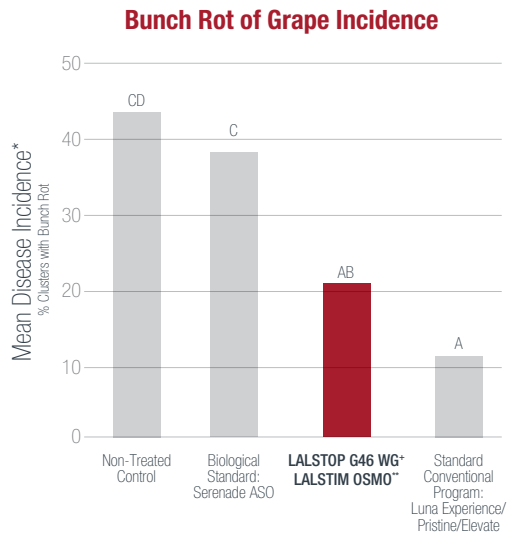
\*Only in states where legally permitted.



## TRIAL RESULTS

Efficacy Against Botrytis Bunch Rot of Grapes

Eskalen Lab, UC Davis, 2021



### CONCLUSION:

LALSTOP G46 WG provides better *Botrytis* control than the biological standard and similar control to the standard conventional program. This gives growers another effective tool for their disease management programs.

\*Means with different letters are significantly different (P < 0.05)

\*\*LALSTIM OSMO used as an osmoprotectant

## APPLICATION RATES

APPLICATION METHOD	LALSTOP G46 WG APPLICATION RATES
Foliar Spray	0.3 – 16 oz per acre
Cutting, Bare-Root, Bulb, Corm, Rhizome, Tuber or Cutting Dip or Spray, or Seed Soak	0.13 – 1.3 oz per 10 gal water (3.6 – 36 g per 10 gal water)
Growing Medium or Soil Drench / Spray	0.1 – 0.3 oz per 1000 ft <sup>2</sup> – Small Seedlings / Trays 0.1 – 0.7 oz per 1000 ft <sup>2</sup> – Transplanted / Production Crops, Planting Beds
Drip Irrigation or Chemigation	1.75 – 16 oz per acre (50 – 454 g per acre) or 7 – 9 oz per 10,000 plants (200 – 255 g per 10,000 plants)
Growing Medium / Soil Incorporation	0.2 – 0.4 oz per yd <sup>3</sup> , for use within 1 week of preparation
Banded, In-Furrow or Side-Dress Application	0.07 – 0.4 oz per 1000 ft <sup>2</sup> (2 – 10.4 g per 1000 ft <sup>2</sup> ) 3.2 – 16 oz per acre (90 – 454 g per acre)

Use lower rates for lower disease pressures and/or low plant densities, and higher rates for higher disease pressures and/or higher plant densities. Consult with your distributor or Lallemand Plant Care representative for rate, timing and other application recommendations specific to your operation.

### About Lallemand Plant Care

Since the beginning of the 20th Century, LALLEMAND has been an expert in yeast and bacteria manufacturing. The family-owned company is now a global leader in the development, production, and marketing of microorganisms for various agri-food industries. Using sound science and know-how, LALLEMAND PLANT CARE (LPC) works closely with clients to deliver the right technology, in the right formulation, for the right application. LPC is committed to solving grower challenges, significantly improving yield and crop vitality.