

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.

MODES OF ACTION

Several modes of action are in play for unmatched plant protection.

- 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).

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.

Outdoor



CHARACTERISTICS

EPA REGISTERED

Active Ingredient

Clonostachys rosea strain J1446

Guarantee

> 1.0 x 10⁹ CFU/g

Package Size

- 5 x 2 lbs
- 10 x 3.5 oz

Storage information

Store in original packaging in a cool, dry place for up to 12 months, or refrigerated (39°F) for up to 24 months. Avoid overheating.

4-hour REI; 0-day PHI

Always read and follow label instructions.

RECOMMENDED CROPS



Greenhouse
Fruit & Vegetables



Cannabis*



Field-Grown
Fruit & Vegetables

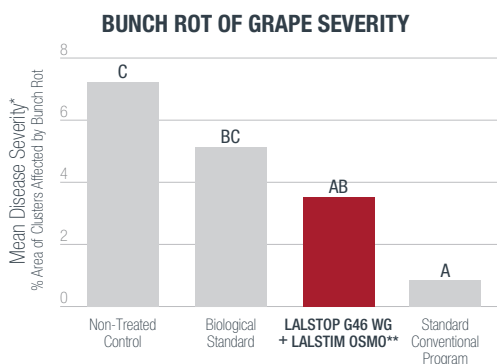
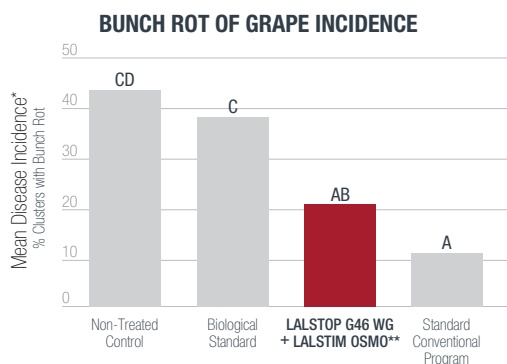


Ornamentals

*Only in states where legally permitted.

TRIAL RESULTS

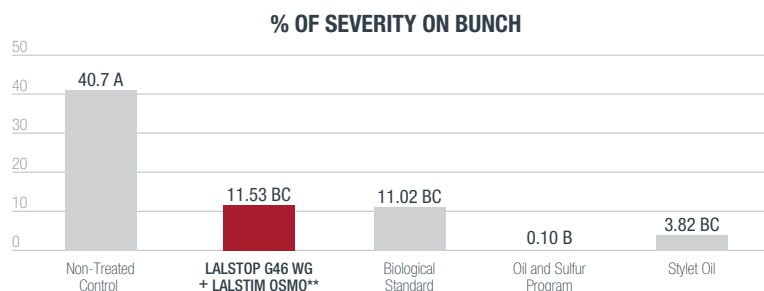
EFFICACY AGAINST BOTRYTIS BUNCH ROT OF GRAPES



Eskalen Lab, UC Davis, 2021

CONCLUSION: LALSTOP G46 WG provided 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.

EFFICACY AGAINST POWDERY MILDEW ON GRAPES



Eskalen Lab, UC Davis, 2022

CONCLUSION: 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.

*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 ² – Small Seedlings / Trays 0.1 – 0.7 oz per 1000 ft ² – 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 ³ , for use within 1 week of preparation
Banded, In-Furrow or Side-Dress Application	0.07 – 0.4 oz per 1000 ft ² (2 – 10.4 g per 1000 ft ²) 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

For over 100 years, Lallemand has been an expert in yeast and bacteria manufacturing. It is now a global leader in the development, production, and marketing of microorganisms for various industries. Using sound science and know-how, Lallemand Plant Care provides effective microbial-based solutions that deliver agronomic, economic, and sustainable value to growers.

Microbial by nature

LALLEMANDPLANTCARE.COM

LALLEMAND