



**LALSTOP K61<sup>WP</sup>** and **LALSTOP G46<sup>WG</sup>**

***Next-Generation Soilborne and Foliar  
Disease Management from Established  
Biofungicide Technologies***

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MICROBIAL  
BY  
NATURE



**LALSTOP K61<sup>WP</sup>**



**LALLEMAND**  
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WETTABLE  
POWDER



BIOFUNGICIDE

**LALSTOP K61<sup>WP</sup>**

Dependable Pathogen Control

**PROTECTS against  
DAMPING-OFF, WILT  
and ROOT ROT DISEASES**





## PROTECTS against DAMPING-OFF, WILT and ROOT ROT DISEASES

- **Wilt & Root Rot Diseases**

caused by  
pathogenic species of:

- ✓ *Fusarium*
- ✓ *Pythium*
- ✓ *Phytophthora*
- ✓ *Rhizoctonia*
- ✓ *Macrophomina*\*



- **Damping-Off Diseases**

caused by  
pathogenic species of:

- ✓ *Pythium*
- ✓ *Rhizoctonia*
- ✓ *Alternaria*



\* Registration pending





## Characteristics



WETTABLE  
POWDER



BIOFUNGICIDE



## PROTECTS against DAMPING-OFF, WILT and ROOT ROT DISEASES

### Biofungicide with multiple non-toxic modes of action

- Active ingredient: *Streptomyces* sp. Strain K61
- Competition / Antagonism / Hyperparasitism
- Low risk for resistance due to several modes of action

### Ease of application

- Multiple soil application methods
- Through different irrigation systems
- Seed treatment: dry or slurry

### Environmental profile

- Compatible with IPM programs
- Safe on plants, beneficial insects and workers
- OMRI Listed, EPA registered
- 4-hour REI, 0-day PHI





## Application



**LALSTOP K61 WP** can be applied multiple ways, depending on appropriateness to crops and pathogens, and growers' needs:

- Incorporation into soils and growing media
- Spraying and drenching of soils, substrates and growing media
- Dip treatment (cuttings, transplants, bulbs, corms, seed pieces)
- Application through drip, overhead and other irrigation systems
- Direct injection into hydroponic irrigation solutions (e.g., NFT)
- Seed treatment (dry or slurry)



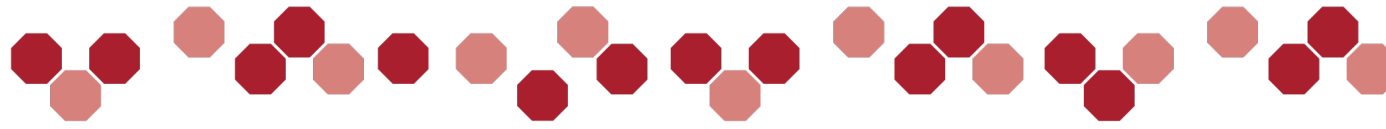
**LALSTOP K61 WP** is a **preventive biofungicide**:

- The first treatment should be made early in the crop, i.e., at sowing, sticking, potting, or transplanting.
- May be applied to transplants before going to the field
- Reapplication at 3 – 6 weeks, depending on disease pressure and other products used in the disease-management program





**LALSTOP G46<sup>WG</sup>**



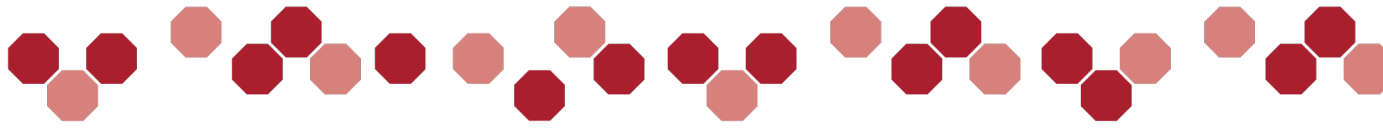
**LALLEMAND**  
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**LALSTOP G46<sup>WG</sup>**

**Dependable Pathogen Control:  
Combats foliar and root pathogens**

**Biofungicide**





## Effective management of a wide range of plant diseases

Including:

- **Aerial and fruit diseases**  
(*Botrytis* spp., *Monilinia* spp., and Powdery Mildews)
- **Damping-off and crown and root diseases**  
(*Pythium*, *Fusarium*, *Phytophthora* and *Rhizoctonia* species)



On fruits, vegetables, herbs, and ornamentals





## Characteristics



### Biofungicide with multiple modes of action :

- Active ingredient: *Gliocladium catenulatum* Strain J1446
- Competition / Antagonism / Predation
- Low risks for development of resistance
- Persistence of activity
  - 1 to 4 weeks on the foliage
  - 4 to 6 weeks in the soil and growing medium

### Ease of use:

- Compatible with most spray systems
- Easy to apply as a soil spray or drench, and through drip irrigation

### Environmental profile

- Compatible with most IPM programs
- Safe on plants, beneficial insects and workers
- OMRI Listed
- 4-hour REI, 0-day PHI







## Application



**LALSTOP G46 WG** can be applied multiple ways, depending on appropriateness to crops and pathogens, and growers' needs:

- Aerial spray –hydraulic, air-assist and LVM sprayers, mist blower, cold fog
- Soil, substrate and growing medium spray or drench
- Dip treatment (cuttings, transplants, bulbs, corms)
- Application through drip, ebb-and-flood, hydroponic nutrient solutions and other irrigation systems



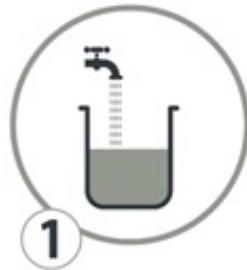
**LALSTOP G46 WG** is a **preventive biofungicide**:

- The first treatment must be made early, while disease pressure is low, or after chemical fungicide treatment under high disease pressure in IPM rotations
- Reapplication intervals:
  - Aerial: weekly for fast-growing crops (to cover new tissue) or alternated with other foliar fungicides
  - Soilborne diseases: 4-8 weeks, depending on disease pressure and on other fungicides used in a rotation.



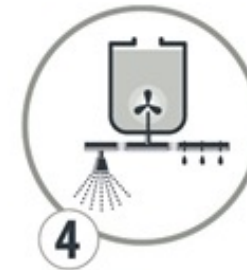
# Mix preparation prior to application

## Premix concentrate preparation



Keep agitated until added to spray tank or during injection into irrigation or spray system

## Mixing in spray tank



Agitate during application for even dispersal

*Thank you*

**For more information and trial data, contact:**

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