



## CHARACTERISTICS

EPA REGISTERED

Active Ingredient  
*Streptomyces* sp. strain K61

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

4-hour REI; 0-day PHI

Package Sizes  
5 x 2 lbs  
10 x 3.5 oz

Storage information  
Store in a cool, dry place

Always read and follow label instructions

## DEPENDABLE PATHOGEN CONTROL PROTECTS AGAINST DAMPING-OFF, WILT AND ROOT ROT DISEASES

Improve your crop's protection against devastating diseases with a reliable, advanced biofungicide. LALSTOP K61 WP **thrives in the plant rhizosphere for several weeks** giving your plants a strong start for vigorous growth and development.

Protects against damping-off, wilt and root rot diseases including those caused by pathogenic species of:

- ✓ *Fusarium*
- ✓ *Pythium*
- ✓ *Phytophthora*
- ✓ *Alternaria*
- ✓ *Rhizoctonia*

## ADVANTAGES

- Based on a **naturally occurring, live bacterium** (*Streptomyces* sp. strain K61) that readily colonizes roots for extended protection.
- Comprehensively defends plants against pathogens that cause damping-off, wilt and root diseases.
- **Promotes healthy plant growth.**
- **Compatible** with most IPM programs.
- Works equally well in organic, mineral and artificial growing media, and field soils.
- No known risks for resistance due to multiple modes of action.
- Leaves **no toxic residues.**



## RECOMMENDED CROPS



Greenhouse  
Fruit & Vegetables



Field-Grown  
Fruit & Vegetables



Cannabis\*



Ornamentals

## MODES OF ACTION

- Inhibits and disrupts plant pathogens (**Antagonistic Metabolites**);
- Vigorously grows around plant roots to deprive pathogenic fungi of space and nutrients (**Competition**);
- Attacks, parasitizes, and consumes plant pathogens, reducing their levels in soils and preventing them from gaining strength to cause lethal diseases (**Hyperparasitism**).

\*Only in states where legally permitted.



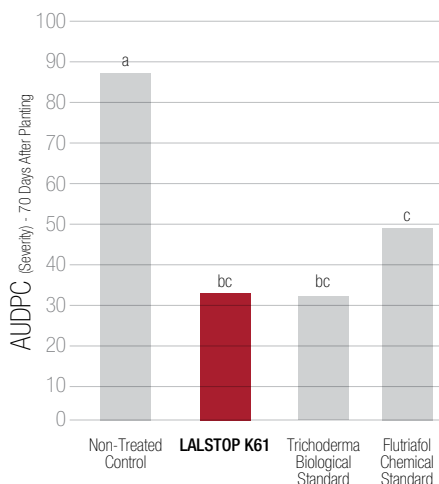
## TRIAL RESULTS

### Control of Fusarium wilt on open-field strawberries

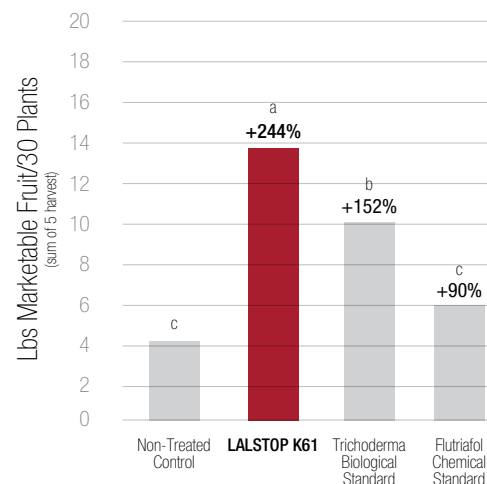


AgroSci LLC. California, USA. 2020  
AUDPC: area under the disease progress curve.

#### TOTAL FUSARIUM WILT SEVERITY



#### TOTAL MARKETABLE FRUIT YIELD



## APPLICATION RATES

APPLICATION METHOD	LALSTOP K61 WP APPLICATION RATES
Seed Soak and Transplant or Cutting Dip	0.14 - 1.4 oz per 10 gal water
Growing Media or Soil Drench / Spray	0.14 - 1.4 oz per 100 gal water
Greenhouse Drip Irrigation / Chemigation	0.4 - 0.7 oz per 1000 ft <sup>2</sup>
Field Drip Irrigation / Chemigation	15 - 30 oz per acre
Growing Media / Soil Incorporation	0.04 - 0.07 oz per yd <sup>3</sup>
Banded, In-furrow or Side Dress Application	8 - 16 oz per acre
Dry Seed Treatment	4 - 12 oz per 100 lb seed (varies by crop)
Foliar Spray	1.4 oz per 100 gal water
Cold Fogging / ULV Spray	1.3 oz per 10 gal water

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.

Always read and follow label instructions. May not be registered for all uses in all states; consult your Lallemand representative for more information.

## 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.



Microbial By Nature

[www.lallemandplantcare.com](http://www.lallemandplantcare.com)

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LALLEMAND PLANT CARE