



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

CHARACTERISTICS

- | | |
|--|--|
| EPA REGISTERED | 4-hour REI; 0-day PHI |
| Active Ingredient
<i>Streptomyces</i> sp. strain K61 | Package Size
2 lbs / 3.5 oz |
| Guarantee
>1.0 x 10 ⁸ CFU/g | Storage information
Store in a cool, dry place |

Always read and follow label instructions



MODES OF ACTION

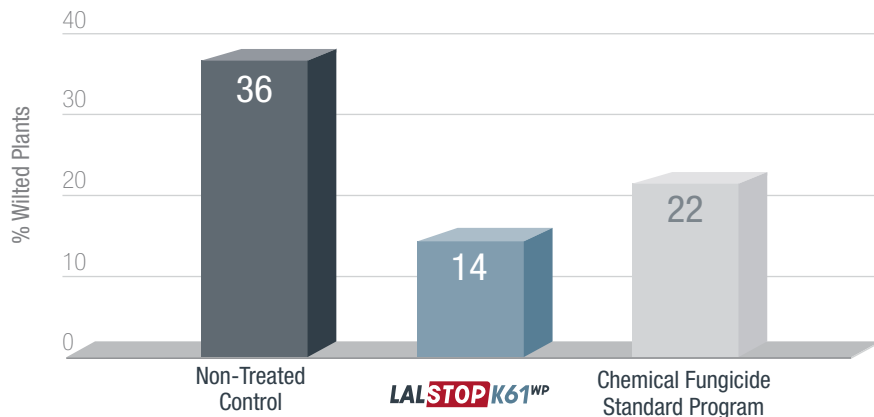
- Inhibits and disrupts plant pathogens (**Antagonistic Metabolites**);
- Vigorously grows around plant roots to deprive pathogenic fungi of space and nutrients (**Competition**);
- Attacks, parasitizes, and consumes plant pathogens, reducing their levels in soils and preventing them from gaining strength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

*Only in states where legally permitted.



TRIAL RESULTS

Suppression of Fusarium Wilt on Greenhouse Tomato



Albenga Research Station (Italy)

Tomato Variety: 'Cuore di Bue'

Naturally high *Fusarium oxysporum* f.sp. *lycopersici* pressure

LALSTOP K61 WP applied at 10 g per 1000 ft² at transplant and 4 weeks after transplant

Chemical Fungicide Standard applied twice

CONCLUSION:

LALSTOP K61 WP applications reduce incidence of *Fusarium* Wilt of greenhouse tomato.

APPLICATION RATES

APPLICATION METHOD	LALSTOP K61 WP APPLICATION RATES
Cutting, Bare-Root, Bulb, Corm, Rhizome, Tuber or Cutting Dip or Spray, or Seed Soak	0.14 – 1.4 oz per 10 gal water (4 – 40 g per 10 gal water)
Growing Medium or Soil Drench / Spray	0.1 – 0.4 oz per 1000 ft ² (2.8 – 11.3 g per 1000 ft ²) – Small Seedlings / Trays
	0.04 – 0.4 oz per 1000 ft ² (1.1 – 11.3 g per 1000 ft ²) – Micropropagation
	0.1 – 0.7 oz per 1000 ft ² (2.8 – 20 g per 1000 ft ²) – Transplanted / Production Crops, Planting Beds
Drip, Hydroponic or NFT Irrigation, or Chemigation	0.04 – 0.7 oz per 1000 ft ² (1.1 – 20 g per 1000 ft ²) or 0.2 – 0.9 oz per 1000 plants (5.7 – 26 g per 1000 plants)
Growing Medium / Soil Incorporation	0.04 – 0.07 oz per yd ³ (1.1 – 2 g per yd ³) for use within 1 week of preparation
	0.2 – 1.75 oz per yd ³ (5.7 – 50 g per yd ³) for growing media to be stored > 1 week after preparation
Banded, In-Furrow or Side-Dress Application	0.04 – 0.4 oz per 1000 ft ² (1 – 21 g per 1000 ft ²)
Dry Seed Treatment	0.43 g – 2.55 g per 1 lb seed

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



LALLEMAND PLANT CARE