



# A RELIABLE MEANS OF PROTECTING YOUR CROPS AGAINST PATHOGENS

Developed from a naturally occurring bacteria, *Streptomyces* Strain K61, Mycostop is a preventative product that thrives in the rhizosphere for several weeks. When applied as a drench or spray, the dried spores and mycelium of the *Streptomyces* culture in Mycostop germinate and begin to grow on and around the plant root system. This creates a biological defense against seed and soil-borne pathogens.

## BENEFITS

- Effective against a wide range of seed and soil-borne pathogens
- Compatible with most chemical pesticides for use in an Integrated Pest Management program
- No residues on edible crops
- Effective in organic and inorganic growing mediums

## MODE OF ACTION

- **Competition:** Deprives pathogenic fungi of space and nourishment by colonizing the plant roots
- **Hyperparasitism:** Produces enzymes, which disrupts the cell walls of pathogens
- **Metabolites:** Inhibits plant pathogens

## APPLICATION METHODS

Applied as an aqueous suspension via:

- Growing media treatment
- Drench or sprayed onto the growing medium
- Drip irrigation
- Dry seed treatment

**Compatibility:** Compatible with many chemical pesticides. For more details, ask your distributor.

## CHARACTERISTICS

### Active Ingredient

*Streptomyces* sp. Strain K61

### Guarantee

Minimum  $1 \times 10^8$  cfu/g

### Package Size

25g, 100g

### Storage information

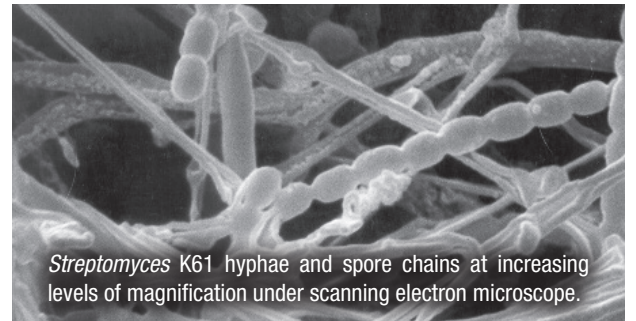
Store unopened packages in a cool (below 8°C, 46°F), dry place for up to 12 months. Use all contents in an opened packet the same day.

**Always read and follow label instructions.**

## EFFECTIVE PATHOGEN SUPPRESSION

Mycostop provides effective suppression on a wide range of pathogens which include:

- Damping-off caused by various fungi, such as *Rhizoctonia solani*
- Wilt and root diseases caused by *Fusarium*, *Phytophthora* and *Pythium*



*Streptomyces* K61 hyphae and spore chains at increasing levels of magnification under scanning electron microscope.