

Not Registered For Sale In Canada

T-77®

Effective Control against Botrytis (*Botrytis cinerea*) in Greenhouse Crops and Grapes



T-77 offers **highly effective control** of botrytis (*Botrytis cinerea*) by colonizing plant wounds and senescing plant tissue and prevents the disease from entering the plant tissue. Due to its **unique mode of action**, T-77 is an important resistance management tool that can be included in any integrated management program (IPM). T-77 is a valuable weapon for growers of both conventional and organic vegetable crops.

Trichoderma atroviride strain 77B

T-77 contains the beneficial fungus *Trichoderma atroviride* strain 77B, which was originally isolated from a grape bunch. The *Trichoderma* colonizes any plant wound or senescing tissue and prevents pathogen entry. T-77 is effective against *Botrytis* on stems, leaves, flower and fruits. It equally protects pruning wounds as well as wounds caused by herbicides or an environmental event (ie: hail). Through the effective colonization of the *Trichoderma* the pathogen cannot enter the plant.



Tendrils treated with T-77 show no sign of infection

Advantages of T-77

- ✓ **Wettable Powder (WP)**
- ✓ **Excellent Resistance Management Tool**
- ✓ **Zero Residues & Minimal PHI**
- ✓ **Non-Toxic and Safe**
- ✓ **Harmless to Beneficials**
- ✓ **Compatible with most control products**
- ✓ **Easy Storage**
- ✓ **Good Rainfastness**
- ✓ **For conventional and organic pest management**



Andermatt
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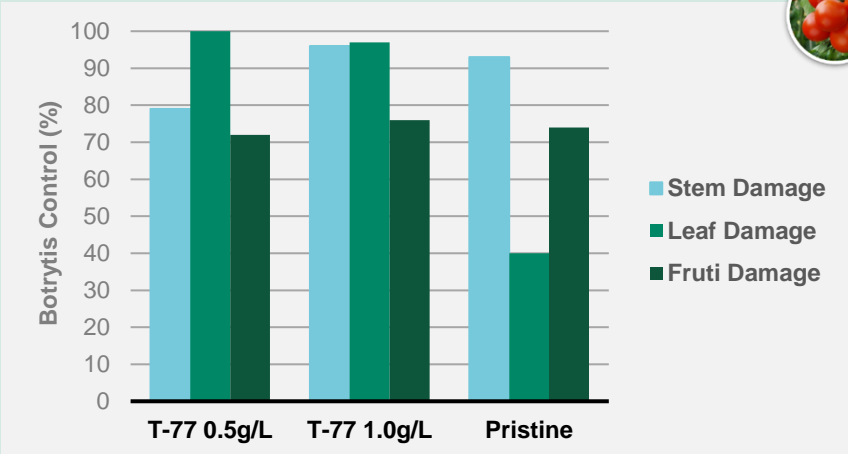
Mode of Action

Trichoderma atroviride strain 77B colonizes senescing or damaged plant tissue and plants wounds, including pruning wounds and prevents entry of harmful fungal pathogens. The fungus outcompetes and parasitizes pathogenetic fungus.

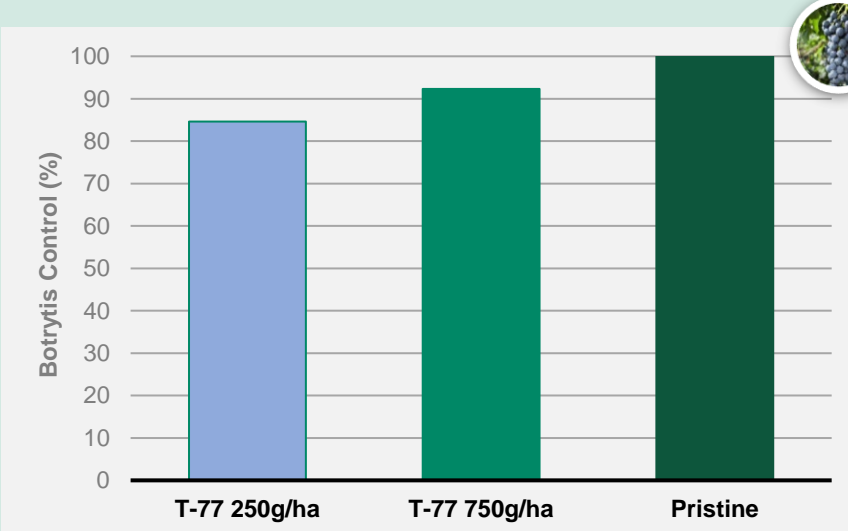
General Instructions

The suppressive action is most efficient if the first application is made at or as early as possible after pruning or flowering or when symptoms of the disease are first noticed. Application after a plant damaging event such as, hail or sandblasting, may assist in preventing disease infection in the plants as T-77 will colonize wounds to prevent disease establishment.

Field Trial Results



*Greenhouse Tomato, Ontario, Canada, 2017



*Grapes Trial, Ontario, Canada, 2017

PRODUCT FACTS

Against

Botrytis (*Botrytis cinerea*)

Active Ingredient

Trichoderma atroviride strain 77B

Formulation Type

Wettable Powder

Concentration

2.0×10^9 CFUs/ml

Standard Dosage

0.5-1.0g/L every 7-14 days for Greenhouse

500-750 g/ha; 4 applications per season in Grapes

Crops

Grapes

Greenhouse Crops:

Fruiting Vegetables (CG8-09)

Compatibility

Compatible with most insecticides and fertilizers.

Storage

Storage stability: 1 year at 5°C, Avoid temperatures above 37°C.