

# Trianum Shield

BIOFUNGICIDE

## INTRODUCTION

Trianum-Shield is bio fungicide for reduction of soil-borne disease such as Pythium spp., Rhizoctonia spp., Fusarium spp. And Sclerotinia. In addition, Trianum-Shield contains properties that promote plant growth, especially when it comes to the development of roots and aerial parts of the plant.



## ACTIVE INGREDIENT

ACTIVE INGREDIENT: Trichoderma Harzianum, inert ingredients, and other ingredient  
 Bacteria count  $5 \times 10^8$  spores/g , Water Dispersible Granule type, 1 kg per foil bag

## DISEASE CONTROL

- Fusarium
- Sclerotinia
- Pythium
- Rhizoctonia
- Thielaviopsis
- Cylindrocladium



Blight

Drooping

Stem and Root Rot

Dampingoff

Sclerotinia



## Mode of Action

- ✓ Competition for space, faster grow than other soil borne fungi
- ✓ Competition for nutrients, take ways the nutrients source that pathogens needed
- ✓ Parasitism of pathogens, break down the cell walls and pathogen dies
- ✓ Strengthening of the plant, improves the root system for nutrient uptake
- ✓ Induced resistance, reinforces the defence mechanism of the parts of plant
- ✓ Facilitating the absorption of fixed and non-fixed nutrients



Fusarium Control (1-4 days)

T.Harzianum Treated (1-4 days)



Rhizoctonia Control (1-4 days)

T.Harzianum Treated (1-4 days)

## Benefit:

- Protects roots from damaging fungal pathogens

- Promoting stronger, healthier roots
- Compatible with other seed treatments and pesticides
- Greater crop stand preservation
- Enhances nutrient uptake
- Increase stress Tolerance
- Potential yield increases
- Protect crop from yield loss
- Zero residues, can be used in organic production

## Dosage & Method

Can be applied via drench, drip-irrigation, or by spray while sowing to the cultivation medium

Apply 1.5 gram / sqm, as early as possible to the crop for optimal effect.

Reapply after 10~12 weeks to extend root protection for season-long control

## Caution

Use Trianum-Shield as a preventive method. To achieve optimal results, start using Trianum-Shield at the beginning of the crop cycle, preferable during sowing, cutting or planting. Trianum-Shield performs well under different environmental conditions. It grows in various climates (10-34°C), at a pH between 4-8, in many types of cultivation media and on the roots of many different types of crops.

## Packing and shelf life

2 year shelf life, 1 kg per foil bag, 10 kg per carton

## Storage

Store in cool and dry, keep out of direct sunshine and moisture. Keep out of reach of children.