



**T34**  
Biocontrol

# ASPERELLO

## MAKES THE DIFFERENCE

- Protects greenhouse cucumbers against *Fusarium*, *Pythium*, *Phytophthora*, *Didymella* and post-emergence damping off
- Promotes vigorous root and plant growth
- Superior performance in high soil temperatures
- Multiple modes of action for resistance management
- Friendly to beneficial insects, mites and microbials
- High spore counts for rapid root colonization
- Outperforms many conventional and biological fungicides
- Mixes easily with water
- Small package for storage and shipping

Contact your Plant Products representative for more information and custom advice!



*Trichoderma asperellum* T34 (10<sup>9</sup> CFU/g)  
Biofungicide - Protectant  
Registration number: 30229 Pest Control Product Act



Distributed by **PLANTPRODUCTS**  
A member of Biobest Group

FOR USE IN GREENHOUSE GROWN CUCUMBERS AGAINST  
FUSARIUM, PYTHIUM, PHYTOPHTHORA, DIDYMELLA AND POST EMERGENCE DAMPING OFF

APPLICATION AND RATES:

**Soil incorporation\*** 10 g per 100L of water per m<sup>3</sup> of soil

**Drench/Propagation**

When seedlings transferred to rockwool blocks: 0.5 g per m<sup>2</sup>

**Drench/Drip Irrigation\***

On slabs before transplanting or on cubes and slabs at transplanting:  
5-0 g per 100 L of water

**Foliar Application**

For *Dydimella*-Gummy Stem Blight  
0.6-1 kg per ha. Repeat every 7-10 days

\* Equivalent to: 0.5-1kg of Asperello per ha

APPLICATION OPTIONS:

**Option 1** Soil incorporation for plug trays and containers or slabs

**Option 2** Drench at propagation and drench before or at transplanting on slabs/cubes

**Option 3** If treatment at propagation is not an option (not ideal), drench at transplanting with high rate and repeat one week later.

Reapply every 8-12 weeks or when plant is at risk/with high disease pressure (susceptible cultivars, high disease pressure).

PERCENTAGE OF CUCUMBER PLANTS INFECTED WITH PYTHIUM

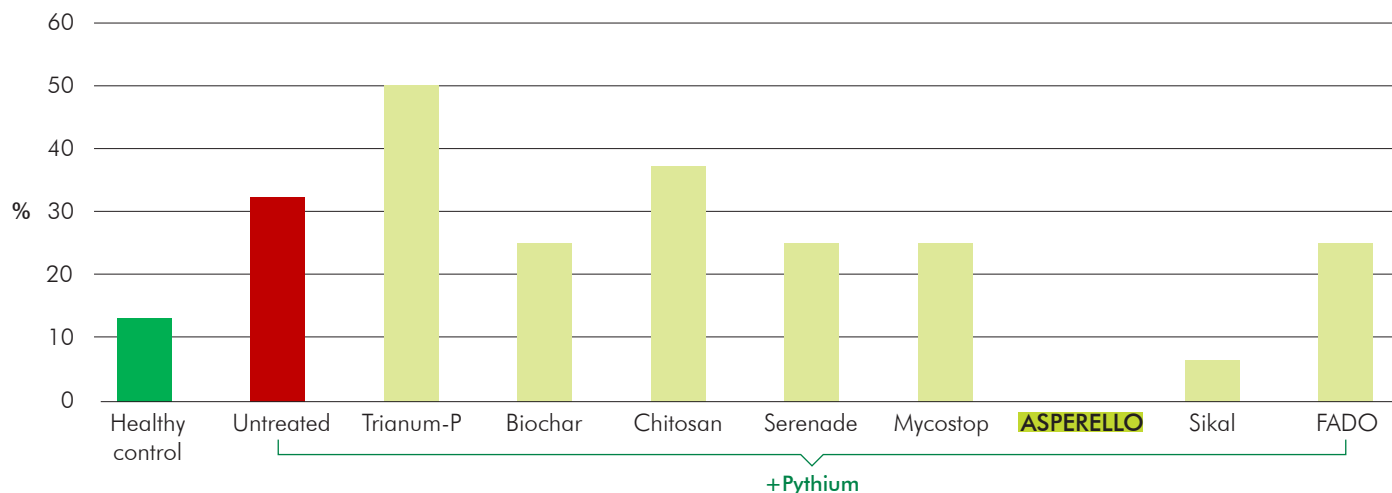


Figure 1. Percentage of cucumbers adversely affected by Pythium (after 11 weeks of growth on reused mats; Pythium inoculation in first and second crop)  
Research: Dr Marta Streminska, Wageningen University & Research Greenhouse Horticulture & Flower Bulbs Business Unit.  
Trials: May and September 2019

GUMMY STEM BLIGHT (DYDIMELLA) RESULTS

In commercial trials against *Dydimella*, Asperello T34 achieved about 70% of control, which makes it a very good biofungicide option to reduce the number of conventional fungicides used and avoid the development of resistance.

Always read and follow label directions.

KEY PRODUCT FEATURES:

- Available in packages of 250 g (8.8 oz) and 500 g (17.6 oz)
- Up to 2 years of shelf life at 4°C (39°F)
- Temperature range 15-35°C (59-95°F) and pH 4-9
- WP formulation suitable for spray, drench or irrigation
- Colonizes multiple substrates
- For a comprehensive compatibility list go to: [www.biobestgroup.com](http://www.biobestgroup.com)

the root of your success!