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**Atens**  
Empowering nature



# Tricoten WP

BIOLOGICAL FUNGICIDE

NEW AND EXCLUSIVE STRAIN

*Trichoderma atroviride* AT10  
5x10<sup>8</sup> CFU/g

## NATURAL DISEASE CONTROL

ZERO RESIDUE

PREHARVEST INTERVAL

ENVIRONMENTALLY FRIENDLY

LOW RISK SUBSTANCE

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# Atens **Tricoten** WP

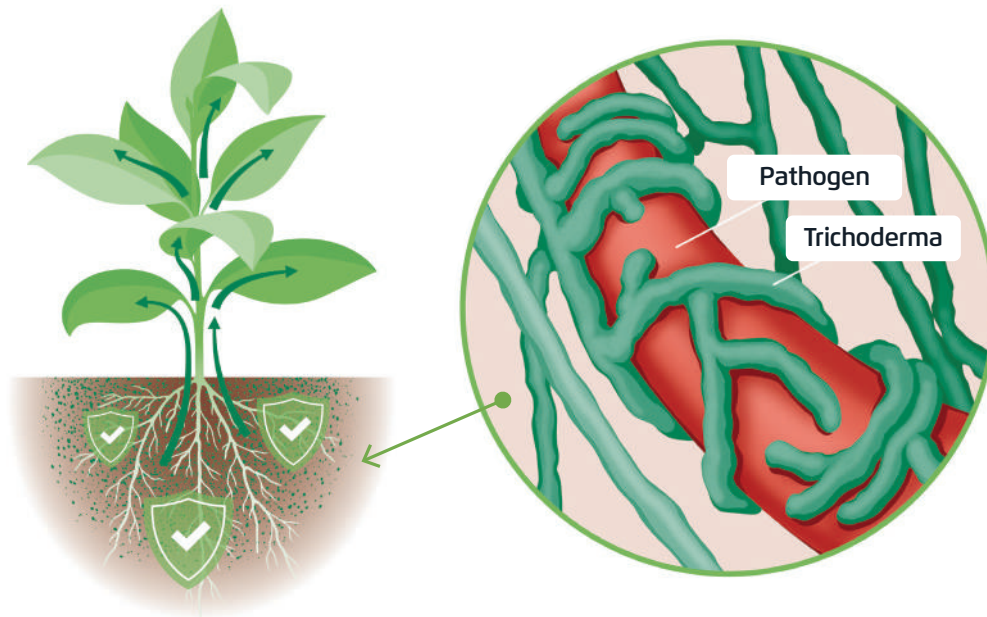
## Reproduction of *Trichoderma* in Atens

Solid-medium bioreactors that ensure stable *Trichoderma* production in a completely automated process. Proprietary technology to guarantee a superior *Trichoderma* spore quality for the performance in the field.

### Advantages of the production method

1. Extended shelf life.
2. High spore concentration and stability: Better establishment in the soil.
3. Thicker spore cell wall: Greater resistance to UV radiation.
4. Application in a wide range of soil temperature and pH.

## MODE OF ACTION



### Soil Resources

**Tricoten WP** uses available nutrients and occupies the space that could otherwise be used by pathogenic fungi.

### Antibiosis

**Tricoten WP** synthesizes a variety of secondary metabolites, including antibiotics, hydrolytic enzymes, and volatile compounds, which act as natural fungicides.

### Mycoparasitism

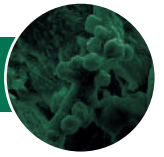
This is a mechanism by which **Tricoten WP** parasitizes and destroys other pathogenic fungi. It breaks down the cell walls of the host fungus, invading its cells and using its components as nutrients.

### Induced Systemic Resistance

This involves the activation of the plant's natural defenses, increasing their ability to resist infections by pathogenic fungi.

## Multimodal Mode of Action

Chemical fungicides typically target a critical point in the fungus's metabolism, facilitating the emergence of resistant strains through natural selection. In contrast, **Tricoten WP** deploys multiple mechanisms of action simultaneously, making it extremely difficult for resistance to develop.



**FUSARIUM**



Tomato



Pepper



Eggplant

**SCLEROTINIA**



Lettuce & other salads

Check the authorized use of Tricoten WP in each country

**APPLICATION**

1.



Mix the product with a small amount of water.

2.



Shake diluted product and transfer it to the final tank.

3.



Apply to the soil through irrigation.

**Dose**

1 kg/ha  
(first application)

**Recommendations**

Repeat every 30 days  
0.5 kg/ha (up to 4 times)



Packaging  
0.5 kg and  
1 kg



# Tricoten WP

## SUCCESS STORIES

### TOMATO

FUSARIUM

**85%**

reduction of  
infected plants

**22%**

increase in total  
production

### LETTUCE

SCLEROTINIA

**36%**

reduction of leaf  
area with symptoms

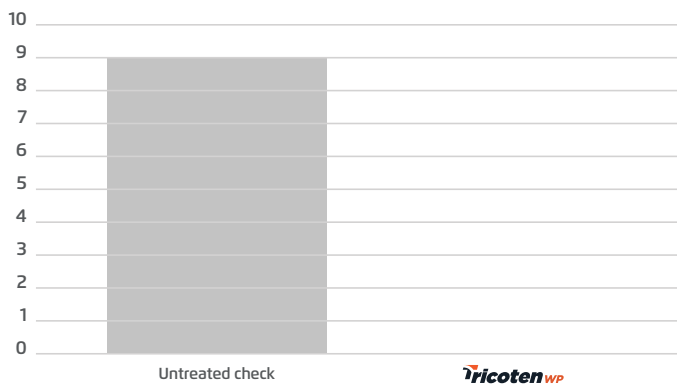
**29%**

reduction of  
damaged plants

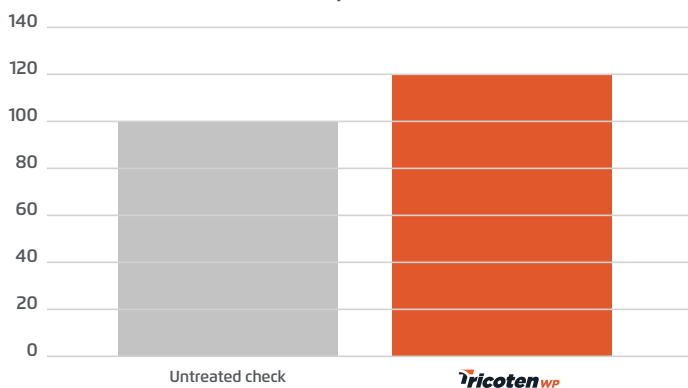
#### Crop | OPEN FIELD TOMATO

Disease | FUSARIUM

N. infected plants



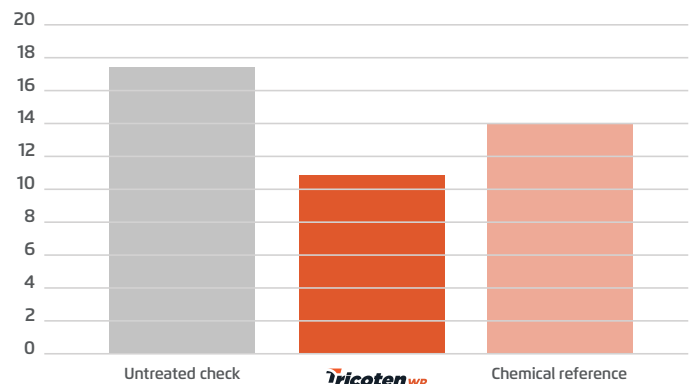
Total production



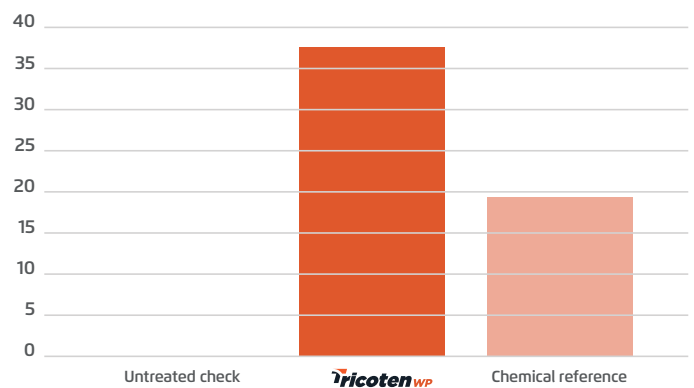
#### Crop | LETTUCE

Disease | SCLEROTINIA

Mean % of area with symptoms/plant



Mean % control



CE REGISTERED IN EUROPE  REGISTERED IN USA 

EPA 96029-2

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