



# Tutavir<sup>®</sup>

**First Granulovirus to control  
Tomato Leafminer (*Tuta absoluta*)**







# Tuta absoluta – An invasive pest

- Origin in South America
- Tomatoes, eggplants, potatoes
- Invasive to Europe, Africa and Asia
- Can cause complete damages
- New biological solutions needed



# Biocomes



**BIOCOMES**

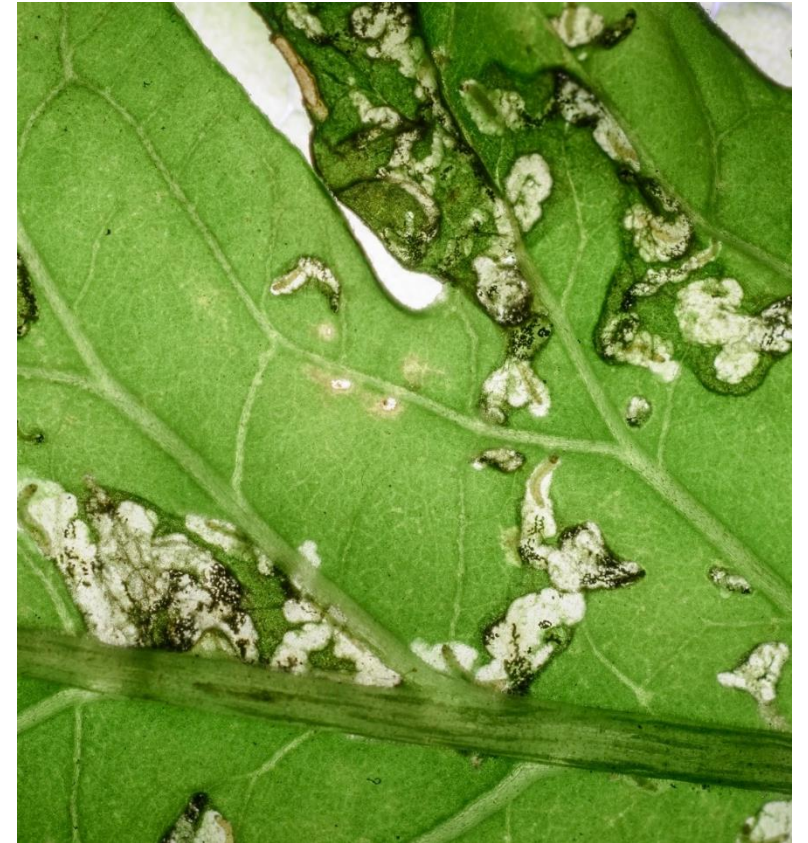
New biological control products  
for sustainable farming and forestry

- Develop a biocontrol agent
- Solution based on baculovirus, PhopGV
- Collect, identify and characterize isolates
- Select the most virulent isolate
- Optimize the application strategy
- Optimize production



# Tutavir<sup>®</sup>

- Phthorimaea operculella granulovirus
- PhopGV ABC-V65
- Content:  $2 \times 10^{13}$  OB/L
- Formulation: Suspension concentrate
- Dosage: 50–200 ml/ha, weekly

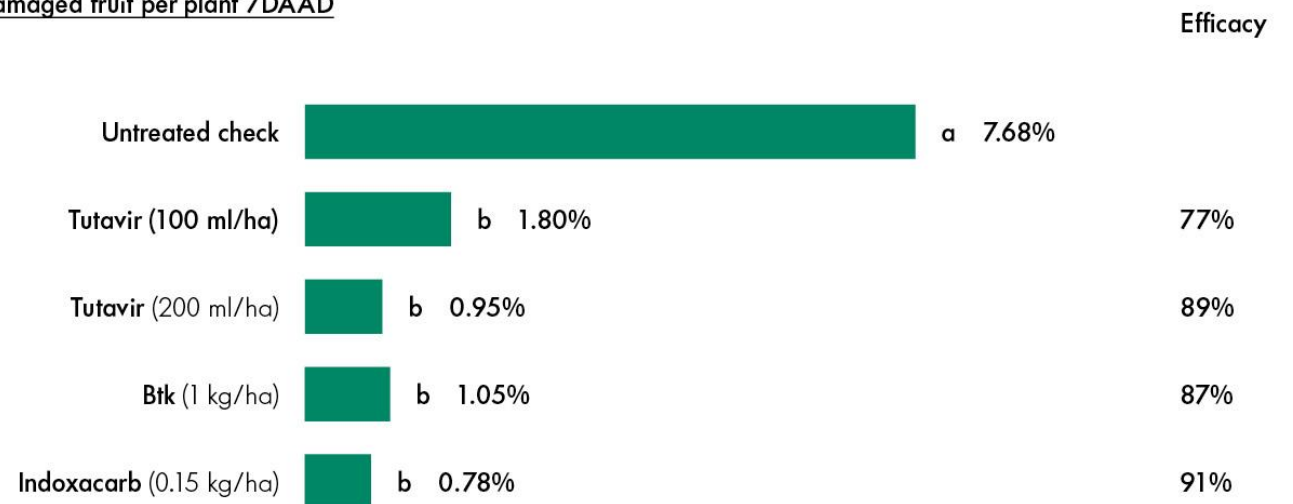


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## Fruit damage reduction



Damaged fruit per plant 7DAAD





# Tutavir<sup>®</sup> – A real solution

- Innovative
- Unique
- Effective
- Compatible
- Safe





# Tutavir<sup>®</sup> – The way to the market

- Dossier for EU approval submitted in November 2018
- First emergency approval in Germany 2019
- Registrations prepared in Europe, North Africa, South America
- Field testings in Europe, Africa, NME, South America and SE Asia



# Acknowledgments



BERNARD BLUM  
AWARD 2019





Andermatt

**Biocontrol**



healthy food in a healthy  
environment, for all