



Properties

Patented
STRAIN

- ✓ **Active Ingredient:** [Bacillus Subtilis IAB/BS03](#)
- ✓ **Formulation:** Soluble concentrate (SL) 1×10^7 cfu/g (0.08% active ingredient)
- ✓ **Potency/Activity:** same efficacy at doses up to 400 times lower than the reference product
- ✓ **Use Rate:** 1/2 - 2/3 lower than competitive product (10-30 fl. oz. / acre)
- ✓ **Regulatory:** EPA registered / OMRI listed
- ✓ **Advantages:** Lower use rate per acre / Lower cost per acre
- ✓ **Positioning:** Lower cost = more affordable for growers to incorporate bio-control in organic or conventional crops
- ✓ **Research:** 4 years of testing & trial work in Europe



How does PREVONT work?

- ✦ Broad-spectrum; ecological adaptability to a wide range of temperature and humidity. No toxicity to the auxiliary fauna and human.
- ✦ Mode of action of PREVONT is based on 3 fundamental parts:
 - ✦ **Antagonism or control** → inhibiting the pathogenic development
 - ✦ **Immuno-stimulator** → strengthen potential resistance of the host
 - ✦ **Spreader** → making easy the root colonization
- ✦ To **ensure the best performance** in the field it is necessary choose the proper timing for applications and repeat during pathogen pressure of the.

Targets

- ✦ **Downy mildew:** *Didymella* spp.; *Phoma* spp.; *Peronospora* spp.; *Pseudoperonospora* spp.; *Plasmopara* spp.; *Bremia* spp.
- ✦ **Anthracnose:** *Colletotrichum* spp.; *Anthracnose* spp.; *Elsinoe* spp.
- ✦ **Podredumbres:** *Botrytis* spp.; *Sclerotinia* spp.
- ✦ **Bacterial:** *Pseudomonas* spp.; *Xanthomonas* spp.; *Erwinia* spp.
- ✦ **Soil-borne diseases:** *Fusarium* spp.; *Phythium* spp.; *Rhizoctonia* spp.; *Phytophthora* spp.; *Verticillium* spp.
- ✦ **Leaf spot:** *Mycosphaerella* spp.; *Septoria* spp.; *Stemphyllium* spp. *Mycosphaerella Fijiensis* (*Syगतoka negra*) y *Mycosphaerella musicola* (*Syगतoka amarilla*).
- ✦ **Powdery mildew:** *Erysiphe* spp.; *Leveillula* spp.; *Microsphaera* spp.; *Erysiphe* spp.; *Sphaerotheca* spp.; *Oidopsis* spp.; *Uncinula* spp.; *Oidium* spp.; *Podosphaera* spp.
- ✦ **Others:** *Didymella* spp.; *Phomopsis* spp.; *Cercospora* spp.



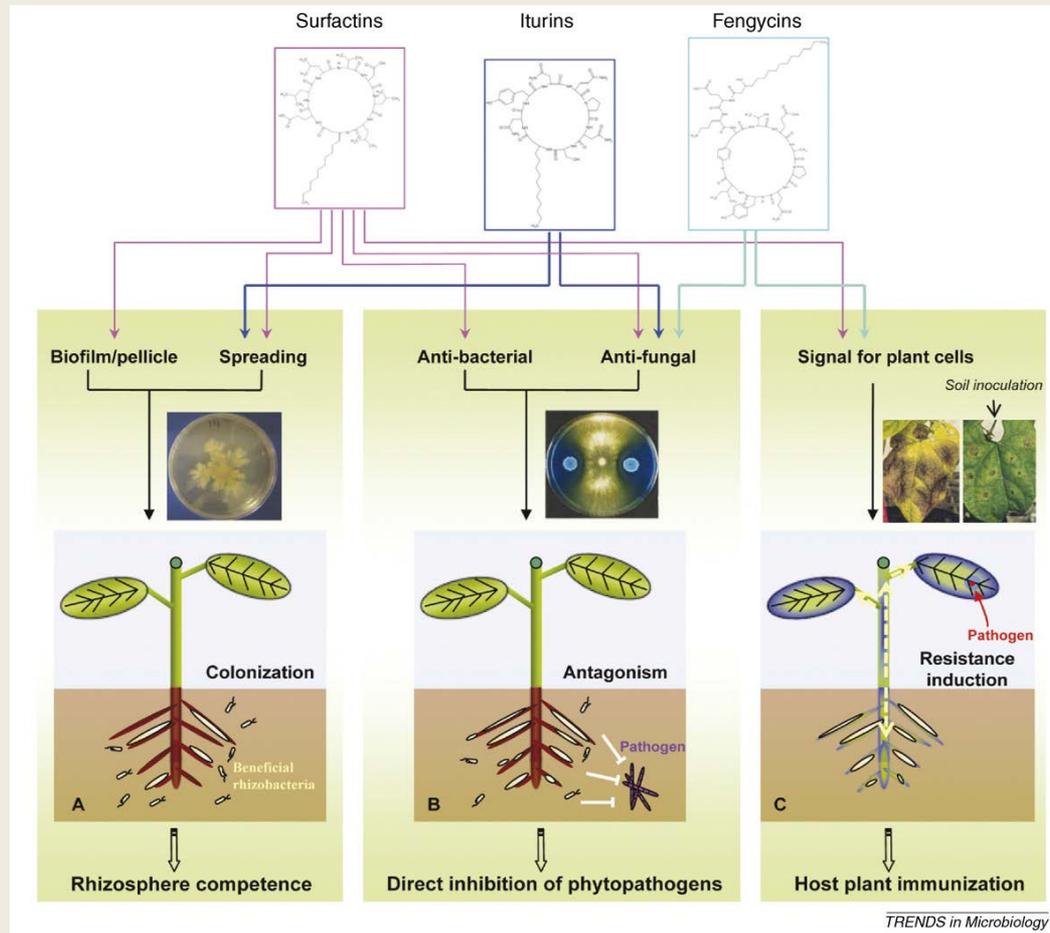
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✦ **Surfactines:** powerful bio-surfactants with good properties as emulsifier and as sparkling. Amphiphilic nature (water-loving & fat-loving). Strong hook to the lipidic layer that interfering in the biology of the integrity of the membrane. It cause the disruption and the complete solubilization of the lipid bilayer. High anti-viral, anti-mycoplasma and anti-bacterial activity anti-bacteria.

SYNERGETIC ACTION

✦ **Iturines:** powerful fungicide to a broad-spectrum of yeast and fungi. Mechanism based on the osmotic perturbation creating conducting of ions pores.

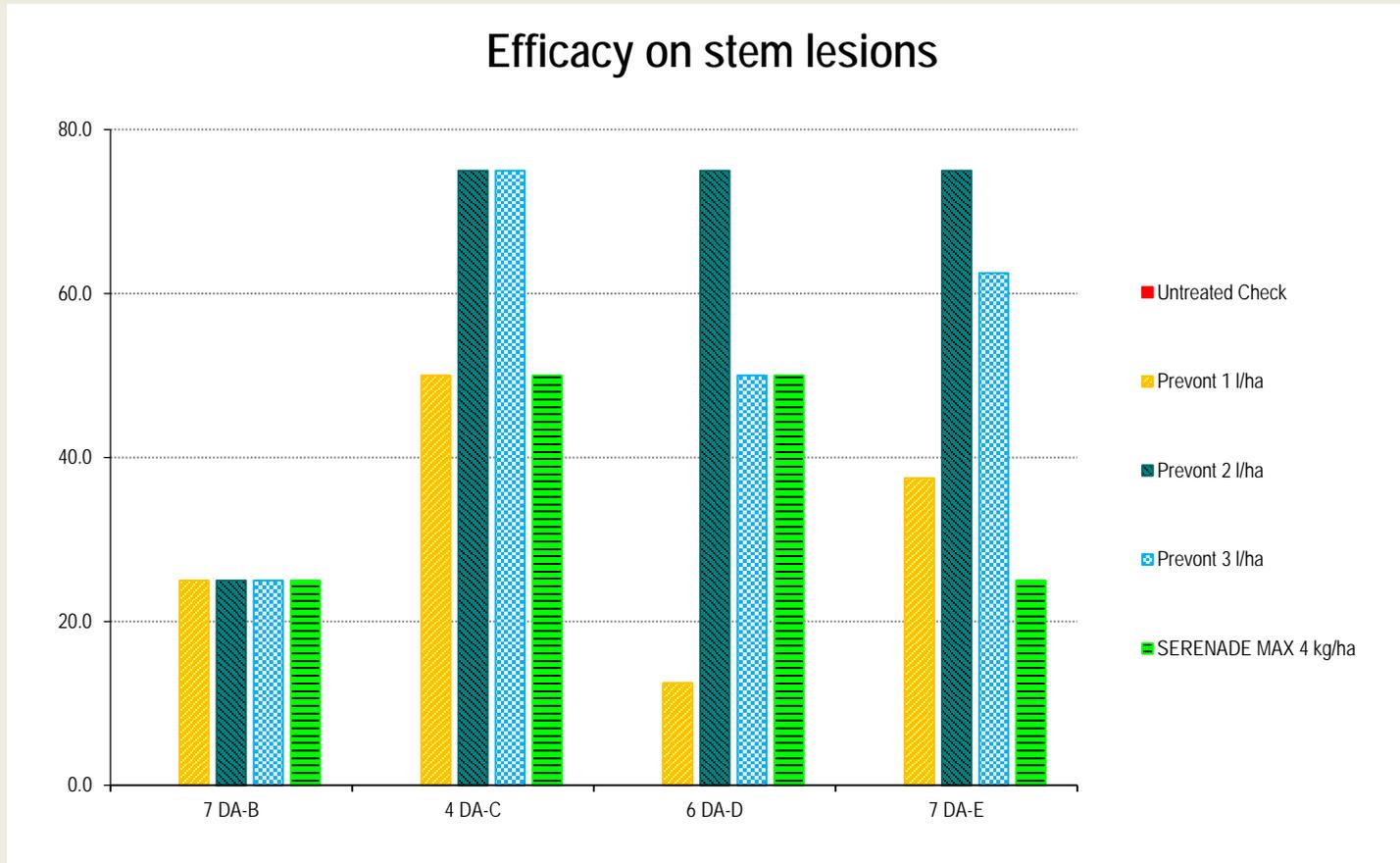
SYNERGETIC ACTION

✦ **Fengicines:** high action against filamentous fungi. Mode of action unknown but in relation with the alteration of the cellular membrane.



PREVONT

🌱 Efficacy trial against *Botryotinia fuckeliana* on tomato. 5 applications every 7 days (± 3 days)



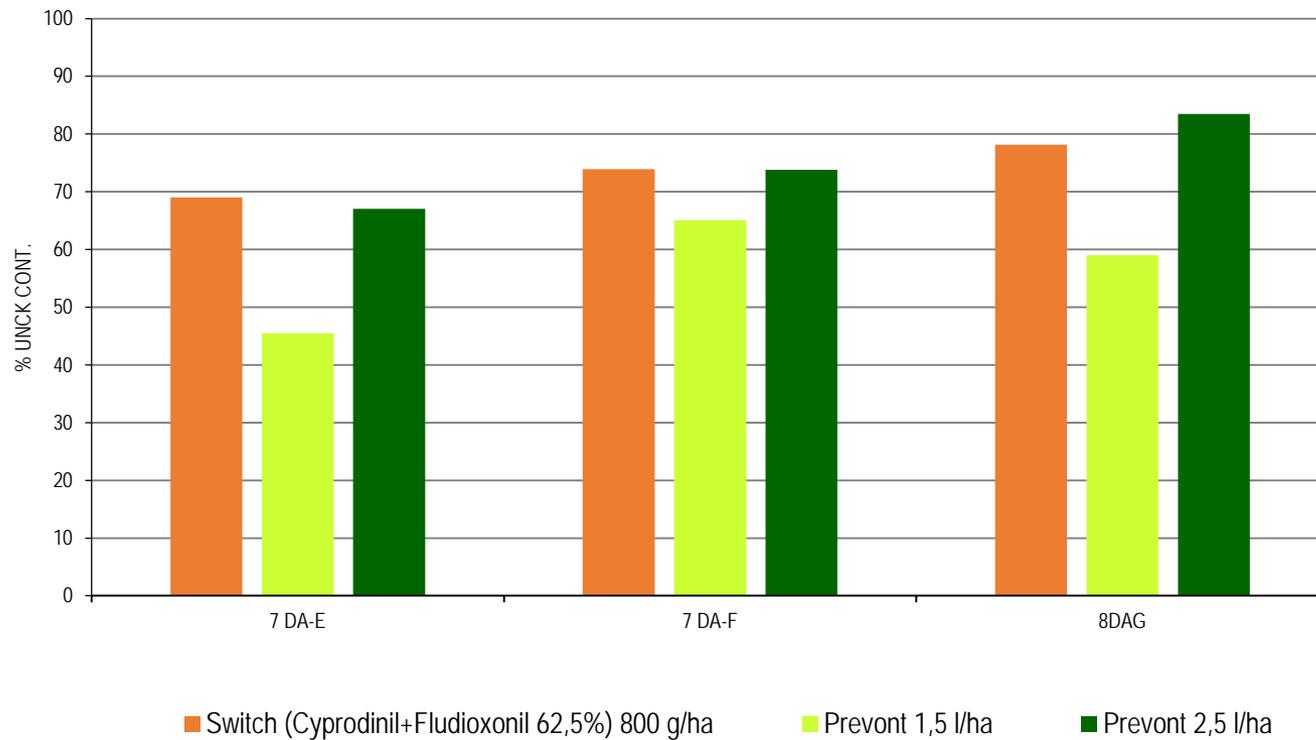


PREVONT

V

 Efficacy trial against *Botrytis cinerea* on table grapes

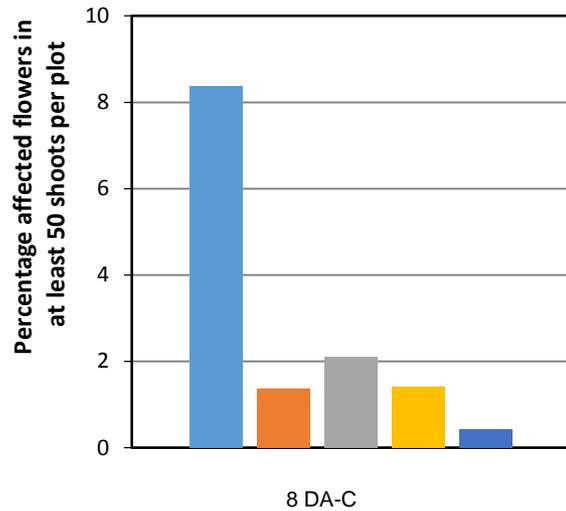
% Efficacy for the severity on bunches of *Botrytis cinerea*





PREVONT

Efficacy trial against *Monilia* spp. on Stone fruits



- Untreated check
- Prevont 1 l/ha
- Prevont 2 l/ha
- Prevont 3 l/ha
- FOLICUR 25 WG (Tebuconazol 25%) (0.075 kg/ha)

