



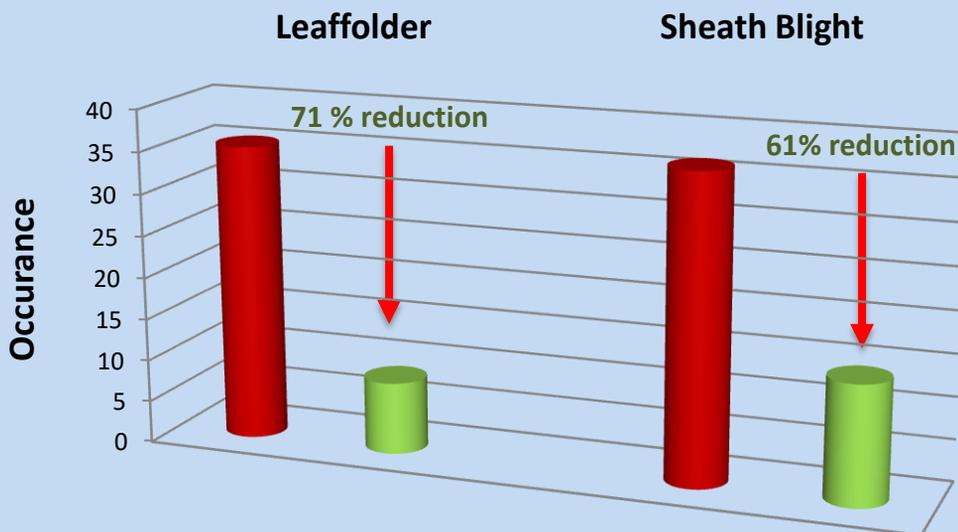
SBb 2.5 and SPE-120 Seed inoculants

Rice

SBb 2.5 and SPE-120 contain the natural symbiotic fungus *Beauveria bassiana* that lives throughout the plant. The fungus is isolated from plants and grows with your rice!

It can have beneficial effects on **Yield, Quality, Resistance to Fungal Diseases, Resilience to Flooding and Drought, Resistance to Insect Pests, and Toxin Levels**

B. bassiana reduced leaf folder insect and sheath blight disease on rice plants



Taken from Karthiba *et al.* (2010) *Pest Manag Sci* 66: 555–564

What it does:

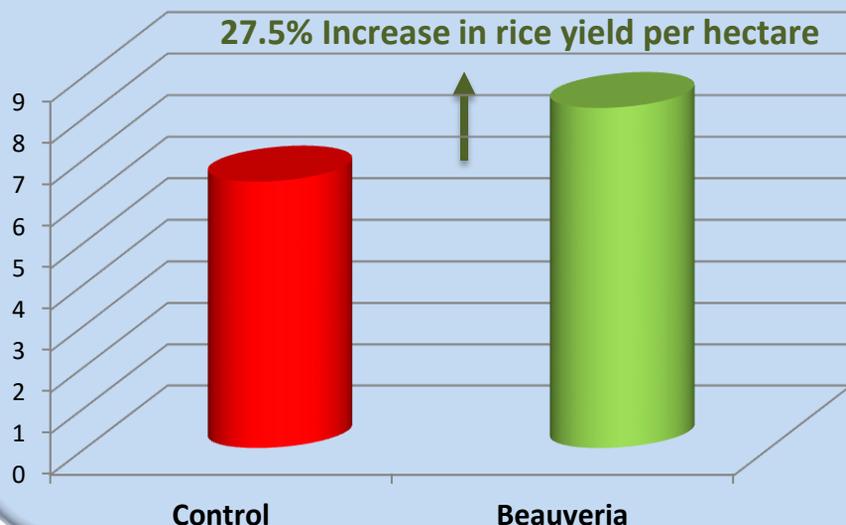
- Primes the plant's defense system
- Physically blocks infections by pathogens
- Promotes plant growth
- Reported many times by farmers to defend against insect pests

The product is applied as an inoculant to rice seeds before planting. The *Beauveria* forms an integrated network with the rice cells, other beneficial organisms, and the environment. This natural symbiotic partnership elevates the plants natural ability to resist pathogens and seasonal stressors.

Yield Increase

Rice roots were dipped in Beauveria

Taken from Karthiba *et al.* (2010) *Pest Manag Sci* 66: 555–564



**SPE-120 is OMRI listed
for organic use.**

Conclusion

- SBb 2.5 and SPE-120 are preventative treatments.
- SPE-120 is OMRI listed for organic use.
- Over a growing season their one-and-done use can save you money over repeated applications of fumigants, pesticides, and chemical stimulants.
- Well-documented increases in
 - **Yield**
 - **Quality**
 - **Resistance to fungal diseases**
 - **Resilience to flooding and drought**
 - **Resistance to insect pests**

Beneficial to the rice plants, the growers, and the environment!

NOT SOLD AS A PESTICIDE – PRODUCT SOLD TO PROMOTES OVERALL PLANT HEALTH

Growers have observed a diminished impact by various pathogenic insects with increasing beneficial insects and pollinators. Research indicates a complicated relationship that is not fully understood for plant and symbiont, thus, Jabb attributes these responses to mutualism and not the inoculate.