



SBb 2.5 and SPE-120 Seed inoculants

Corn

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 corn!

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

**Non treated
Neighbor's corn**



**SBb 2.5 treated corn
(Planted one week later)**



Growth Increase

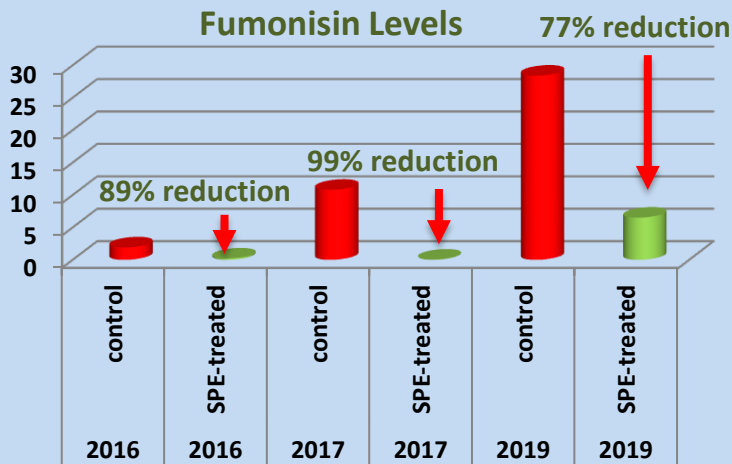
The two fields are next to each other and join on one edge.

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

Reduction in Toxins/Improvement in Corn Quality



2019 Trial 20 acres

- +10 bushels/acre yield
- 77% reduction in Fumonisin
- Taller
- Very few broken tops (control had 30-40% broken)
- No ear worm damage (control had some damage)

Corn Growers Have Reported Protection Against

- Ear Worm
- Corn Borer
- Armyworm
- European Corn Borer
- Pink Boll Worm
- Variegated Cutworm
- Black Cutworm
- Northern Corn Root Worm Beetle
- Western Corn Root Worm Beetle
- Japanese Beetle
- Wireworms
- Fusarium
- Goss's Wilt
- Anthracnose



SPE-120 is OMRI listed for organic use.

Beneficial to the corn 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.