

EndoShield ST

Symbiont *Beauveria bassiana*

Biological Seed Inoculant

EndoShield ST is an innovative seed treatment technology that utilizes the premier symbiotic endophyte, *Beauveria bassiana*. JABB's *Beauveria bassiana* strains are isolated from plants, for plants. Once inoculated seeds germinate, a symbiotic relationship begins immediately as the plants grows, extending colonies of *Beauveria bassiana* throughout the plant, where they remain throughout the season until harvest, benefiting its host.

When applied as a seed treatment, **EndoShield ST** has competitive preference to initial plant roots where *Beauveria bassiana* becomes the premier symbiotic endophyte within the plant.

As an endophyte:

-  Offers competitive exclusion from disease pathogens
-  Resistance to pests and pathogens
-  Improves germination and root development
-  Improves plant defenses
-  Improves photosynthesis efficiency
-  Improves nutrient efficiency
-  Resists mycotoxin production, resulting in cleaner and safer grains

Sub-threshold levels found in 2016-2021 harvests



Application Rates

For use in seed treaters only.

Apply ½ oz. per 50 lbs. of seed. Can be mixed with other seed treatments or applied solo. If applying EndoShield ST by itself, mix with enough water to ensure proper coverage of seeds. EndoShield ST is compatible with many common seed treatment fungicides and insecticides.