

SIGMA BIO

Performance Inoculant for Organic Production

This highly concentrated microbial consortium powers our own organic Performance Fertilizers and is an essential tool for increasing plant and soil health like no other product can deliver. Use on a wide range of crops including turfgrass alongside your current fertilizer program.



Input Efficiency

Microbes mine surrounding soil to bring water & nutrients - otherwise lost to leaching - back to the plant.

Stress Resistance

Helps increase drought tolerance and resistance to salt toxicity.

Pathogen Resistance

Biocontrol agent against broad spectrum of root, shoot and postharvest pathogens.



2.5 Gallon (9.46L)
275 Gallon Totes (1,041L)



Driven by nature.
Backed by science.





Get more out of each application with this premium inoculant - a signature blend of bacillus, mycorrhizae and trichoderma.

Endomycorrhizae

Endomycorrhizae bring water and nutrients (esp. P, Cu, Mn, Zn) back to the plant from surrounding soil, help increase drought tolerance, resistance to salt toxicity and root disease attack.

Beneficial Bacteria

Beneficial bacteria are the engine behind nutrient cycling. They help increase root, shoot & leaf biomass and resistance to pathogens & disease.

Trichoderma

Trichoderma are famous for their use as biocontrol agents against a broad spectrum of root, shoot, and postharvest pathogens¹.

¹Nur A. Zin, Noor A. Badaluddin. Biological functions of Trichoderma spp. for agriculture applications. Annals of Agricultural Sciences, Volume 65, Issue 2. 2020. Pages 1 68-178.

ACTIVE INGREDIENTS:

17.0 Billion Total Beneficial Bacteria CFU/Gal.
Bacillus subtilis.....750,000 CFU/mL
Bacillus amyloliquefaciens...750,000 CFU/mL
Brevibacillus laterosporus...1,500,000 CFU/mL
Bacillus licheniformis.....1,500,000 CFU/mL
37.8 Thousand Total Endomycorrhiza Prop/Gal.
Glomus intraradices.....2.5 propagules/mL
Glomus etunicatum.....2.5 propagules/mL
Glomus aggregatum.....2.5 propagules/mL
Glomus mosseae.....2.5 propagules/mL
2.8 Billion Total Trichoderma CFU/Gal.
Trichoderma viride.....375,000 CFU/mL
Trichoderma harzianum.....375,000 CFU/mL



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