



A Novel Biological Inoculant for Seed Treating that Protects Plants Against Abiotic Stress and Improves Nutrient Use Efficiency

Agricultural Benefits

Gives crops higher tolerance to environmental stresses
Enhances the availability of plant nutrients through the root system

Applicability

Treats seeds with beneficial microorganisms
Easy to use powder formulation that can replace common seed lubricants

CONTAINS NON-PLANT FOOD INGREDIENTS

Guaranteed Analysis

Active Ingredients:

<i>Bacillus licheniformis</i>	(1x10 ⁸ cfu/g)	0.24%
<i>Bacillus megaterium</i>	(1x10 ⁸ cfu/g)	0.24%
<i>Bacillus pumilus</i>	(1x10 ⁸ cfu/g)	0.24%
<i>Bacillus subtilis</i>	(1x10 ⁸ cfu/g)	0.24%
<i>Bacillus amyloliquefaciens</i>	(1x10 ⁸ cfu/g)	0.24%
<i>Trichoderma harzianum</i>	(1x10 ⁶ cfu/g)	0.44%

Inactive Ingredients:

Talc Powder	98.36%
Total	100.0%

Net Weights: 3.0 lbs. (1.36 kg)

Lot # & Expiration Date: _____

Purpose

BioArmor[®] Corn & Soy is a commercial seed treatment containing a dynamic collection of symbiotic microbes. The fungi impart abiotic stress tolerance to crops for stresses such as extreme temperatures and drought. They also increase nutrient use efficiency, allowing plants to operate more efficiently and increase crop yields.

BioArmor[®] Corn & Soy microbes will remain dormant when coated on seeds, until activated by moisture levels sufficient to stimulate seed germination. Upon activation, the bacteria will establish in rhizosphere soils and solubilize bound minerals and nutrients, making them more available to plants through their root system.

Application Directions

To achieve optimal seed coverage, apply **BioArmor[®] Corn & Soy** directly to dry seed alone or in combination with other powder inoculants and/or seed treatments. **BioArmor[®] Corn & Soy** is formulated to be compatible with existing seed treatment equipment and certain chemicals* and can be simply added as an additional component during the seed treatment process. Do not mix directly with products containing fungicides or biocides. Do not use with soil fumigants, and do not exceed label dosage rates.

***Ask Micrologicals for approved chemicals tested for compatibility with BioArmor® Corn & Soy. Do not mix with non-approved agrochemicals or product mortality may occur. Always use separate tanks when other chemical treatments are necessary.**

BioArmor® Corn & Soy microbial inoculant can be applied to seed following one of two methods:

1) The product can be applied manually using a scoop as seed is being loaded into the planter hopper (CCS unit) or individual row unit. Make sure the product is evenly dispersed onto the seed as it fills the hopper or row unit. If applied at the individual row unit, a power drill with an auger bit can be used to evenly disperse the product onto the seed.

2) The product can be applied using equipment designed to meter dry products onto seed as they are being transferred up a conveyor or auger either on the farm or at a seed treatment location. Be sure the product is applied evenly over the seed as it enters the conveyor or auger.

Application Rates:

Crop	Use Rate (Tbsp/100 lbs)*	Use Rate (cups/1,000 lbs)
Corn	8	5.0
Soybean	4	2.50

***2 Tbsp = 1 fluid oz**

Storage

To maintain performance of these live microbes, keep container closed until use and do not expose to direct sunlight or temperatures above 80°F/27°C. For best results use product by expiration date on product label.

Disposal & Caution

Follow any local applicable waste disposal regulations for inoculants and plant amendments. Wash hands with soap and water after using. Do not swallow or breath powder. Avoid contact with eyes and open skin. Keep out of reach of children and pets.

Warranty Statement

The seller warrants that this product contains a minimum number of viable beneficial microorganisms as indicated on this label. The seller makes no other warranty expressed or implied as to product viability or performance since storage, use and growing conditions are beyond the seller’s control. Seller's guarantee is limited to the terms set out on the label and subject thereto. Buyer assumes the risk to persons or property arising from the use or handling of this product and accepts the product on that condition.

Where required, information regarding the contents and levels of metals in this product is available online at: www.aapfco.org/metals.html

Guaranteed By

Micrologicals
3503 NE 45th Street, 2W
Seattle, WA 98105