bioensure® FP
Flowable Powder

A Novel Biological Inoculant Powder for Commercial Seed Treating

Adaptive Symbiotic Technologies

Agricultural Benefits
Gives crop plants higher tolerance to environmental stresses
Increases nutrient use efficiency and produces higher yields

Applicability
Treats seeds with beneficial microorganisms
Easy to use powder formulation that can replace common seed lubricants
Compatible with common seed treatment chemicals and microbes

CONTAINS NONPLANT FOOD INGREDIENTS
Guaranteed Analysis
Active Ingredient:
Trichoderma harzianum ($1x10^6$ cfu/g) 0.5%
Inert Ingredients:
Talc Powder 99.5%
Total 100.0%

Density: 0.55g/ml

Net Weights: 0.25oz., 0.61oz., 1.0oz., 4.27lbs., 22.93lbs.

Lot #: _____

Expiration Date: _____

General Information
BioEnsure®FP is a microbial inoculant formulated specifically for agricultural seed treatment. In an easy to use flowable powder, it contains fungal endophytes that work symbiotically with crop plants to enhance stress tolerance to abiotic stress such as drought and temperature extremes. This unique symbiosis also increases nutrient use efficiency in plants, and naturally increases crop yields.

Once coated onto the surface of seeds, the fungus is inactive until the seed is planted and exposed to conditions that stimulate seed germination. Upon germination, the fungus activates and establishes a beneficial symbiosis with seedlings.

Application Instructions
To achieve optimal seed coverage, apply ***BioEnsure®FP*** directly to dry seed alone or in combination with other powder inoculants and/or other registered seed treatments. Do not directly mix with products containing fungicides or biocides. When mixing with any other registered seed treatments, always read and follow all use directions, restrictions, and precautions of both ***BioEnsure®FP*** and other products. Do not exceed label dosage rates and do not use with soil fumigants.

Seed Treatment: To achieve optimal seed coverage, shake ***BioEnsure®FP*** well before using.
The ***BioEnsure®FP*** 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.

Use & Rate Recommendations

Crop	**Use Rate (fluid oz/100 lbs)***	**Use Rate (weight oz/100 lbs)**
Barley	3.0	1.70
Corn	4.0	2.20
Cotton	4.0	2.20
Cover Blend	2.0	1.10
Cow Pea	2.0	1.10
Dry Beans	2.0	1.10
Field Peas	2.0	1.10
Lentils	2.0	1.10
Mung Bean	4.0	2.20
Sorghum	5.0	2.70
Soybean	2.0	1.10
Wheat (Spring & Winter)	2.5	1.40
*Application Note: 0.5 fluid oz = 1 Tbsp.		

Storage
To maintain performance of these live microbes, keep from direct sunlight and exposure to elevated temperatures (above 80°F/27°C). For best results, use ***BioEnsure®FP*** by expiration date on product package.

Disposal
Follow any local applicable waste disposal regulations for microbial inoculants. Wash hands with soap and water after using.

Caution
Do not swallow or inhale powder. Avoid contact with eyes and open skin. Keep out of reach of children and pets. Wash hands with soap and water after using.

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.

Guaranteed By:
Adaptive Symbiotic Technologies
3503 NE 45th Street, Suite 2W
Seattle, WA 98105