



Microbial seed inoculant for improving nutrient availability

www.visjonbiologics.com

Contains Non-Plant Food Ingredients:

Active ingredients:

Bacillus amyloliquefaciens OBT 1001 2.5 x 10¹⁰ cfu/ml
Bacillus megaterium OBT 1003 2.5 x 10¹⁰ cfu/ml

Other ingredients:

Inert (50%)

CAUTION - KEEP OUT OF REACH OF CHILDREN -
For Commercial or Professional Use Only

Not for human or animal consumption.

Exceed[®] BAC is composed of live microorganisms which can quickly colonize and grow with the root as a plant develops.

How it Works

The microorganisms in Exceed[®] BAC have been shown to increase availability of certain plant nutrients and can increase plant uptake. Exceed[®] BAC releases plant available phosphorus which has been shown to increase root mass allowing the plant to explore a greater volume of soil. Increased plant nutrient availability will often lead to increased plant vigor which can translate into a yield response. Exceed^{BAC} is not a fungicide and it will not replace your standard fungicide seed treatment.

Application Instruction:

Apply this product only as specified on this label. For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, or other on-farm seed treatment applications.

Application rate:

Corn Seed: 4.0 ml per 80,000 kernels of CORN seed.
(0.27 fl oz / cwt.)

Soybean: 2.0 ml per 140,000 seeds (0.135 fl oz / cwt.)

Alfalfa/Turf Grass: 2.0 ml per 100 pounds seed

If applying Exceed[®] BAC alone, dilute (mix) with sufficient amount non-chlorinated water to achieve uniform application to seed. Mix well and apply uniformly to the seed.

Apply proper (agitation directed across the pre-mix tank creating a bubbling action on the far wall) and continuous agitation to avoid settling. Mix well and apply uniformly to the seed.

Slurry must be applied to seed within 24 hours.

When applying Exceed[®] BAC with chemical seed treatment products, recommendations are SIMULTANEOUS APPLICATION USING SEPARATE TANKS/NOZZLES (also called wet sequential) - where the chemical seed treatment components and Exceed[®] BAC are mixed in separate premix tanks and applied wet onto the seed at the same time (simultaneous application).

Seed Treatment Compatibility

Although Exceed[®] BAC is compatible with many fungicide (FST) and/or insecticide (IST) seed treatment products, on-seed and in-tank survival of Exceed[®] BAC may be significantly reduced by using a common tank mix application method and must be applied within 24 hours.

Do not apply with seed treatment formulations containing high levels of Zinc or Copper. Exceed[®] BAC has not been tested with all possible seed treatment combinations.

Exceed[®] BAC remains viable up to 24 months after proper application on seed.

Net Contents: 9.46 liters (2.5 gallons)

Storage and Handling

Exceed[®] BAC contains live spores of the naturally occurring bacteria *Bacillus amyloliquefaciens* and *Bacillus methylotrophicus*. Spores are live and may be damaged when exposed to high temperatures or contact with water for more than 24 hours.

The live organisms contained in Exceed[®] BAC require specific storage conditions to ensure viability and product performance. To maintain product viability:

- Store unopened containers of Exceed[®] BAC in a dry cool place (less than 80°F or 26°C) away from sunlight and heat sources.
- Minimize temperature fluctuations.
- Avoid freeze/thaw cycles.
- Use before the expiration date. The expiration date is valid for unopened containers stored according to the conditions listed above.

Personal Protection: Use dust mask to avoid inhaling dust. Wear safety glasses and gloves. Wash hands when done.

Precautions

Keep out of reach of children. Persons allergic to microbes or who are immune compromised should avoid contact with the product. Avoid inhalation. First Aid: Inhalation - Remove to fresh air. Seek medical attention if symptoms

Continues on page 2



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Continued from page 1

do not subside. Skin Contact – Wash with soap and water. Eye Contact – Rinse eye for several minutes under running water. If irritation develops, consult a doctor. Ingestion – If swallowed, drink water and consult a doctor.

Unused Exceed® BAC and unplanted Exceed® BAC inoculated seed should be disposed in accordance with applicable federal, state and local civil statutes.

FOR USE ONLY IN COMMERCIAL SEED TREATMENT EQUIPMENT, NOT FOR USE IN HOPPER BOX, PLANTER BOX OR OTHER ON-FARM APPLICATIONS.

IMPORTANT: READ BEFORE USE

Read all directions for application, conditions and limited warranty before using this product. If terms are not acceptable, return the unopened product container at once. By using this product, user or buyer accepts the following:

Conditions:

The directions for use of this product must be followed carefully. However, it is impossible to eliminate all risks associated with the use of this product. Crop injury, ineffectiveness or other unintended consequences may result because of such factors as weather conditions, presence of other materials, or the manner of use or application, all of which are beyond the control of the seller **TO THE EXTENT CONSISTENT WITH APPLICABLE LAW**; all such risks shall be assumed by the user or buyer.

Limited Warranty

The seller warrants that the product contains a minimum number of *Bacillus amyloliquefaciens* and *Bacillus methylotrophicus* colony forming units as specified on this label. The seller makes no other warranty expressed or implied as to product viability or performance since product 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 use or handling of this product and accepts the product on that condition. If this product does not perform as warranted above, and to the extent consistent with applicable law, customer's sole remedy for breach of warranty shall be replacement of the product or refund of the purchase price paid, at the option of the seller.

SELLER MAKES NO OTHER EXPRESSED OR IMPLIED WARRANTY OR GUARANTEE TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, INCLUDING ANY OTHER EXPRESSED OR IMPLIED WARRANTY OF FITNESS OR OF MERCHANTABILITY, AND NO AGENT OF SELLER IS AUTHORIZED TO DO SO.

NON-PLANT FOOD INGREDIENT

Manufactured for: Visjon Biologics



The Inoculant Experts

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