



VOTiVO[®]

240 FS



Bayer SeedGrowth™

Intended for: biological seed treatment for the protection against soil plant pathogenic nematodes.

ACTIVE INGREDIENT:	
<i>Bacillus firmus</i> I-1582†	19.35%
OTHER INGREDIENTS:	80.65%
TOTAL: 100.00%	

† Contains 2.00 pounds *Bacillus firmus* I-1582 per U.S. gallon (240 grams Al/liter)
Contains a minimum of 4.8×10^9 cfu/ml

EPA Reg. No. 264-1183

KEEP OUT OF REACH OF CHILDREN CAUTION

For **MEDICAL** And **TRANSPORTATION**
Emergencies **ONLY**

Call 24 Hours A Day 1-800-334-7577
For **PRODUCT USE** Information Call
1-866-99BAYER (1-866-992-2937)

Produced for:
Bayer CropScience LP
800 N. Lindbergh Blvd.
St. Louis, MO 63167
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FIRST AID

If in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes.
 - Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye.
 - Call a poison control center or doctor for treatment advice.
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In case of emergency call toll free the Bayer CropScience Emergency Response Telephone No. 1-800-334-7577.

Have a product container or label with you when calling a poison control center or doctor, or going for treatment.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

CAUTION

- Causes moderate eye irritation.
- Avoid contact with eyes or clothing.
- Wash face, hands and arms thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco or using the toilet.

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Workers involved with treating the seed (e.g. connecting and disconnecting hoses and transfer pumps, mixing, equipment calibration, etc.) and others exposed to the concentrate, and cleaners/repairers of seed treatment equipment must wear a long-sleeve shirt and long pants, shoes plus socks, and a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95.

Baggers and bag sewers must wear a long-sleeve shirt and long pants, shoes plus socks, and a dust/mist filtering respirator meeting NIOSH standards of at least N-95, R-95 or P-95.

ENGINEERING CONTROLS

When engineering controls that meet the OSHA requirements as defined in 29 CFR Part 1910.1000 are used the respirator requirement may be waived or modified as specified in 29 CFR Part 1910.1000.

Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

- Users should wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Users should remove clothing/PPE immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Users should remove PPE immediately after handling this product.
- Users should as soon as possible, wash thoroughly and change into clean clothing.

ENVIRONMENTAL HAZARDS

Do not contaminate water when disposing of equipment washwater or rinsate.

CONDITIONS OF SALE AND LIMITATIONS OF WARRANTY AND LIABILITY

Read the entire Directions for Use, Conditions, Disclaimer of Warranties and Limitations of Liability 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, Disclaimer of Warranties and Limitations of Liability.

Treatment of highly mechanically damaged seed, or seed of known low vigor and poor quality, may result in reduced germination and/or reduction of seed and seedling vigor. Treat and conduct germination tests on a small portion of seed before committing the total seed lot to a selected chemical treatment. Due to seed quality conditions beyond the control of Bayer CropScience, no claims are made to guarantee germination of carry-over seed.

CONDITIONS: The directions for use of this product are believed to be adequate and 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 Bayer CropScience. To the extent consistent with applicable law, all such risks shall be assumed by the user or buyer.

DISCLAIMER OF WARRANTIES: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE OR OTHERWISE, THAT EXTEND BEYOND THE STATEMENTS MADE ON THIS LABEL. No agent of Bayer CropScience is authorized to make any warranties beyond those contained herein or to modify the warranties contained herein. TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, BAYER CROPSCIENCE DISCLAIMS ANY LIABILITY WHATSOEVER FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT.

LIMITATIONS OF LIABILITY: TO THE EXTENT CONSISTENT WITH APPLICABLE LAW, THE EXCLUSIVE REMEDY OF THE USER OR BUYER FOR ANY AND ALL LOSSES, INJURIES OR DAMAGES RESULTING FROM THE USE OR HANDLING OF THIS PRODUCT, WHETHER IN CONTRACT, WARRANTY, TORT, NEGLIGENCE, STRICT LIABILITY OR OTHERWISE, SHALL NOT EXCEED THE PURCHASE PRICE PAID, OR AT BAYER CROPSCIENCE'S ELECTION, THE REPLACEMENT OF PRODUCT.

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling.

Read the entire label before using this product.

For use only in commercial seed treatment equipment. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.

PRODUCT INFORMATION AND INSTRUCTIONS

VOTIVO® 240 FS:

- Is a biological seed treatment that, when applied to seed, colonizes the developing root system and provides early season protection from plant pathogenic nematodes that attack the root. As a result of this biological protection, a vigorous root system is established by the plant, which often results in more uniform plants and greater yields.
- Is recommended for use with Bayer CropScience seed applied insecticides and fungicides for complete pest protection.
- In areas of high nematode infestation, additional control measures may be warranted.

- Apply VOTiVO 240 FS as water-based slurry either alone or with other registered seed treatment insecticides and fungicides through standard slurry or mist commercial seed treatment equipment.
- Can be tank mixed with other seed treatments in accordance with the most restrictive label limitations and precautions of all products used in the mixture.
- **All seed treated with this product must be colored with an EPA-approved dye or colorant that imparts an unnatural color to the seed to help prevent the inadvertent use of treated seed for food, feed, or oil purposes.**

USE RESTRICTIONS

- All seed treated with this product cannot be used for or mixed with food or animal seed, or processed for oil
- Treated seed must be labeled in accordance with the requirements of the Federal Seed Act.
- Do not exceed any label dosage rates.
- This product cannot be mixed with any product containing a label prohibition against such mixing. Pre-test for compatibility with other seed treatment products.

Refer to the specific use directions and restrictions in each Crop, Crop Group or Crop Subgroup table.

Compatibility

To determine the physical compatibility with other seed-applied products use a jar test. Add VOTiVO 240 FS at the recommended label rate to a clean quart jar containing approximately one-half the amount of water intended for a final slurry application rate. Next, follow with all other tank mix components that will be used in the total slurry application. Add last the remaining balance of water. The total amount of volume is determined by the seed size and how much is necessary to ensure complete and uniform coverage and distribution on the seed, as well as the type of commercial seed treating application equipment that will be used.

MIXING INSTRUCTIONS

- When applied with seed treatment application equipment designed to treat seed utilizing a treatment slurry mixture, add approximately 1/2 to 2/3 of the required water to the treatment slurry tank followed by the accompanying seed treatment products and VOTiVO 240 FS.
- The order of product addition is dependent on the accompanying seed treatment products used.
- Allow each slurry component to disperse completely prior to the next addition until a uniform suspension is obtained.

- After all slurry components have been added and dispersed completely add the remaining 1/2 to 1/3 of required water for proper slurry volume and mix until uniform.
- Do not store mixed slurries for greater than 72 hours.
- Maintain adequate agitation until treatment slurry is applied.

For additional instructions for use, slurry component mixing order, and other application suggestions contact your Bayer CropScience representative.

SPECIFIC CROP DIRECTIONS

CORN (field, sweet and pop)	
Pest	Product Rate
Nematodes	Apply at 0.0014 - 0.014 fl oz/1000 seeds (0.042 - 0.417 mls/1000 seeds) For field corn: Apply 0.113 - 1.13 fl oz/80,000 seeds (3.3 - 33.3 ml/80,000 seeds)

COTTON	
Pest	Product Rate
Nematodes	Apply at 0.0014 - 0.014 fl oz/1000 seeds (0.042 - 0.417 mls/1000 seeds) For cotton seed: Apply 0.35 - 3.52 fl oz/250,000 seeds (10.41 - 104.17 ml/250,000 seeds)

SOYBEANS	
Pest	Product Rate
Nematodes	Apply at 0.0014 - 0.014 fl oz/1000 seeds (0.042 - 0.417 mls/1000 seeds) For soybeans: Apply 0.197 - 1.97 fl oz/140,000 seeds (5.80 - 58.33 ml/140,000 seeds)

SEED TAG LABELING

The Federal Seed Act requires that the container of seed treated with VOTiVO 240 FS must be labeled with the following statements:

- This seed has been treated with:
 - **VOTiVO 240 FS**, which contains **19.35% *Bacillus firmus* I-1582**
- Do not use treated seed for food, feed, or oil production. User is responsible for ensuring that the seed bag meets all the requirements under the Federal Seed Act.

In addition, the US Environmental Protection Agency requires the following statements on the container of seed treated with **VOTiVO 240 FS**:

- **Store treated seeds away from food and feedstuffs.**
- **Do not allow children, pets, or livestock to have access to treated seed.**
- **Wear gloves, long-sleeved shirt and long pants when handling treated seed.**
- Excess treated seed may be used for ethanol production only if (1) by-products are not used for livestock feed and (2) no measurable residues of pesticide remain in ethanol by-products that are used in agronomic practice.
- Treated seeds exposed on soil surface may be hazardous to wildlife. Cover or collect treated seeds spilled during loading.
- Dispose of all excess treated seed. Leftover treated seed may be buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- Treated at manufacturer's recommended rate.
- Treated seed must be adequately covered with soil at planting.
- Dispose of seed packaging or containers in accordance with local requirements. Do not use empty seed bags for any other purpose.
- To reduce seed dust which can drift onto blooming crops or weeds, ensure that planting equipment is functioning properly in accordance with manufacturer's recommendations. Surplus seed or empty seed containers should be stored or disposed according to state or local regulations.

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STORAGE AND DISPOSAL

Do not contaminate water, food or feed by storage, disposal or cleaning of equipment.

Pesticide storage

Store in cool, dry conditions.

Pesticide disposal

Wastes resulting from the use of this product must be disposed of on site or at an approved waste disposal facility.

Container handling

Dilutable Seed Treatment Products in Non-Refillable Plastic Containers

Rigid Non-refillable containers that are too large to shake (i.e., with capacities greater than 5 gallons or 50 lbs)

Non-refillable container. Do not reuse or refill this container. After emptying product from container, either return container to Bayer CropScience per instructions from Bayer CropScience Customer Service Center (1-800-527-4781), or rinse and either recycle or dispose of the container as follows:

Top Discharge IBC, Drums, Kegs (e.g.– Snyder 120 Next Gen, Bonar B120, Drums, and Kegs)

Triple rinsing the container before final disposal is the responsibility of the person disposing of the container. To triple rinse the container before final disposal, empty the remaining contents from this container into application equipment or mix tank. Fill the container at least 10 percent full with water. Agitate vigorously or recirculate water with the pump for 2 minutes. Rinse all interior surfaces. Pour or pump rinsate into application equipment or rinsate collection system. Repeat this procedure two more times.

Once container is rinsed, offer for recycling if available or puncture and dispose of in a sanitary landfill, or by incineration.

Bayer



Lot No. _____

Net Contents: 200 L (52.83 Gals.)

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