



PONCHO[®]



Net Contents:

2.5 Gallons



Bayer SeedGrowth[™]

A systemic insecticide and biological seed treatment for use on corn, cotton, sorghum, soybean, and sugarbeets for the control of listed insect pests and protection from listed soil plant pathogenic nematodes

ACTIVE INGREDIENT(S):

Clothianidin: 40.30%

Bacillus firmus I-1582: 08.10%

OTHER INGREDIENTS: 51.60%

TOTAL: 100.00%

Contains 4.17 pounds clothianidin and 0.84 pounds *Bacillus firmus* I-1582 per U.S. gallon

EPA Reg. No. 264-1109

**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)

Please refer to booklet for additional precautionary statements and directions for use.

Produced for:

Bayer CropScience LP

P.O. Box 12014, 2 T.W. Alexander Drive

Research Triangle Park, North Carolina 27709

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FIRST AID

If swallowed:	<ul style="list-style-type: none">• Call a poison control center or doctor immediately for treatment advice.• Have person sip a glass of water if able to swallow.• Do not induce vomiting unless told to by a poison control center or doctor.• Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none">• 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.• Call a poison control center or doctor for treatment advice.
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.	
Note to Physician: No specific antidote is available. Treat the patient symptomatically.	

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS CAUTION

- Harmful if swallowed.
- Causes moderate eye irritation.
- Avoid contact with eyes or clothing.
- This product contains a microbial pesticide that may have the potential to be a respiratory sensitizer.

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, chemical resistant gloves made out of: barrier laminate, butyl rubber ≥ 14 mils, nitrile rubber ≥ 14 mils, neoprene rubber ≥ 14 mils, polyvinyl chloride ≥ 14 mils, or viton ≥ 14 mils and NIOSH approved particulate respirator (TC-84A) with any N, R, or P filter.

Baggers, Bag sewers, Applicators and other handlers must wear:

- Long-sleeve shirt
- Long pants
- Shoes plus socks
- NIOSH approved particulate respirator (TC-84A) with any N, R, or P filter

Respiratory protection is required for handlers and other workers who have repeated exposure to this product.

USER SAFETY REQUIREMENTS

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. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

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.

ENVIRONMENTAL HAZARDS

This product is toxic to aquatic invertebrates.

Surface Water Label Advisories

Do not apply directly to water or to areas where surface water is present or to intertidal areas below the mean high-water mark. Do not contaminate water when cleaning equipment or disposing of equipment washwaters. Do not apply where runoff is likely to occur. Runoff from treated areas may be hazardous to aquatic organisms in neighboring areas. Apply this product only as specified on the label.

Ground Water Advisory

This chemical has properties and characteristics associated with chemicals detected in ground water. This chemical may leach into ground water if used in areas where soils are permeable, particularly where the water table is shallow. Therefore contain any product spills or equipment leaks and dispose of wastes according to the disposal instructions on this label.

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

(continued)

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.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the State or Tribal agency responsible for pesticide regulation.

PRODUCT INFORMATION

PONCHO®/VOTiVO®:

- Is a combination insecticide and biological seed treatment that, when applied to seed, protects the seed and seedling against certain early season insects and provides early season protection from listed plant pathogenic nematodes that attack the root system. As a result of the dual protection, there is an improvement in plant vigor, which often results in more uniform plants and greater yields. In areas of high nematode infestation, additional control measures may be warranted.

APPLICATION INSTRUCTIONS

- Apply PONCHO/VOTiVO as a commercial water-based slurry either alone or with other registered seed treatment insecticides and fungicides through standard slurry commercial seed treatment equipment in commercial seed treatment facilities only.

USE RESTRICTIONS

- For use only in commercial seed treatment facilities. Not for use in hopper box, planter box, slurry box, or other on-farm seed treatment applications.
- 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.
- Treated seed must be labeled in accordance with the requirements of the Federal Seed Act.
- Regardless of type of application (seed treatment, soil, or foliar), do not apply more than 0.2 lbs (Soybean), 0.1 lbs (corn), 0.2 lbs (cotton), 0.14 lbs (Sugarbeet), or 0.02 lbs (sorghum) of active ingredient clothianidin per acre per year.

Refer to the Application Rates tables for crop specific restrictions.

RESISTANCE MANAGEMENT STRATEGIES

- The components in PONCHO/VOTiVO belong to multiple chemistry classes.
- Because resistance development cannot be predicted, the use of this product should conform to resistance management strategies established for the crop and use area.
- Such strategies may include rotating and/or tank mixing with products having different modes of action; or limiting the total number of applications per season.
- Use labeled rates.
- Contact your local extension specialist, certified crop advisor, and/or manufacturer for fungicide/insecticide resistance management and/or integrated pest management recommendations for specific crops and pest populations.
- Bayer CropScience encourages responsible product stewardship to ensure effective long-term control of pests on this label.

COMPATIBILITY TESTING AND TANK MIX PARTNERS

It is the pesticide user's responsibility to ensure that all products are registered for the intended use. Read and follow the applicable restrictions and limitations and directions for use on all product labels involved in tank mixing. Users must follow the most restrictive directions for use and precautionary statements for each product in the tank mixture.

Compatibility

It is essential that before using PONCHO/VOTiVO seed treatment in any tank mixture the compatibility of the mixture be established. Add PONCHO/VOTiVO at the labeled 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.

DO NOT USE MIXTURES THAT CURDLE, PRECIPITATE, OR GEL. USE TANK MIXTURES IMMEDIATELY AFTER MIXING WITH ADEQUATE AGITATION.

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 PONCHO/VOTiVO.
- The order of product addition is dependent on the accompanying seed treatment products and application equipment 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.
- Follow the most restrictive of the labeling limitations and precautions of all products used in mixtures.

APPLICATION RATES

May be used in combination with other registered Bayer CropScience seed treatment fungicides and insecticides. Pre-test for compatibility with other seed treatment products.

STANDARD SLURRY-TYPE SEED TREATMENT EQUIPMENT APPLICATION

CORN Including field, sweet, and pop		
Nematode Pests	Insect Pests	Product Rate
Soil Nematodes including Dagger Nematode Lance Nematode Needle Nematode Pin Nematode Ring Nematode Root Knot Nematode Root Lesion Nematode Spiral Nematode Sting Nematode Stubby Root Nematode Stunt Nematode	Chinch bug Corn flea beetle Corn leaf aphid Cutworm, black Grape colaspis Seedcorn maggot Southern corn leaf beetle Southern corn rootworm Southern green stinkbug Storage pests (including Indian meal moth, Lesser grain borer, Red flour beetle, Rice weevil, Rusty grain beetle) Sugarcane beetle White grub (including European, Chafer larvae, May/June beetle larvae, Japanese beetle larvae) Thrips Wireworm	1.35 fl oz/80,000 seed. (0.25 mg ai/seed) 2.7 fl oz/80,000 seed. (0.50 mg ai/seed)
Restrictions:		
<ul style="list-style-type: none"> Do not apply more than 0.5 mg ai of clothianidin per seed through the application of PONCHO/VOTIVO. It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed. 		

COTTON, delinted only		
Nematode Pests	Insect Pests	Product Rate
Columbia Lance Nematode Reniform Nematode Root Knot Nematode	Cutworm, black	2.4 fl oz/100,000 seed (0.424 mg total ai/seed)
Restrictions:		
<ul style="list-style-type: none"> It is recommended that seed with existing populations of storage pests be fumigated prior to treating and bagging seed. 		

SORGHUM		
Nematode Pests	Insect Pests	Product Rate
Ring Nematode Root Knot Nematode Root Lesion Nematode Sting Nematode Stubby Root Nematode	Cutworm, black Aphid (including Greenbug, Yellow sugarcane aphid, Corn leaf aphid, and English grain aphid) Chinch bugs White grub Wireworms	6.13 fl oz/100 lbs seed (0.08 mg ai/seed)
Restrictions:		
<ul style="list-style-type: none"> Based on 13,500 seed / pound 		

SOYBEAN		
Nematode Pests	Insect Pests	Product Rate
Reniform Nematode Root Knot Nematode Soybean Cyst Nematode	Aphids Bean leaf Beetle Grape Colaspis Leafhoppers Seed Corn Maggot Three Cornered Alfalfa Hopper Thrips White Grubs Wireworm	1.02 fl oz/140,000 seeds (0.13 mg ai/seed)

SUGARBEET		
Nematode Pests	Insect Pests	Product Rate
Early season soil plant parasitic nematodes including: False Root-Knot nematode Root Knot nematodes Stubby Root nematodes Sugarbeet Cyst nematode	Black bean aphids Cutworms (Black) Flea beetles Leafminers Subterranean springtails Sugarbeet leafhoppers Sugarbeet root maggot Wireworms	4.1 fl oz/100,000 seed (0.72 mg ai/seed)
Restrictions: <ul style="list-style-type: none"> Apply PONCHO/VOTiVO to seed with a coating system that gives a minimum build-up of approximately 30% weight gain. 		

SEED TAG LABELING

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

- This seed has been treated with:
 - **PONCHO/VOTiVO**, which contains **40.3% clothianidin** and **8.1% *Bacillus firmus* I-1582**.
- Do not use treated seed for food, feed, or oil production.

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

- Store treated seeds away from food and feedstuffs.**
- Do not allow children, pets, or livestock to have access to treated seed.**
- Wear long-sleeved shirt, long pants, shoes and socks, and chemical resistant gloves made out of: barrier laminate, butyl rubber ≥14 mils, nitrile rubber ≥14 mils, neoprene rubber ≥14 mils, polyvinyl chloride ≥14 mils, or viton ≥14 mils.**
- 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.
- Dispose of all excess treated seed. Leftover treated seed may be double sown around the headland or buried away from water sources in accordance with local requirements.
- Do not contaminate water bodies when disposing of planting equipment wash waters.
- 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.
- Use planting equipment that will plant treated seed into the soil to a minimum depth of 0.5 inch.
- Regardless of type of application (seed treatment, soil, or foliar), do not apply more than 0.2 lbs (soybean), 0.1 lbs (corn), 0.2 lbs (cotton), 0.14 lbs (sugarbeet), or 0.02 lbs (sorghum) of active ingredient clothianidin per acre per year.
- Store away from feeds and foodstuffs.
- This compound may be highly toxic to bees exposed directly (contact). Ensure that planting equipment is functioning properly in accordance with manufacturing recommendations to minimize seed coat abrasion during planting to reduce dust, which can drift to blooming crops or weeds.
- This compound is toxic to birds and mammals. Treated seeds exposed on soil surface may be hazardous to birds and mammals. Cover or collect treated seeds spilled during loading.
- **For Field Corn, Popcorn:** Immediate Plant-back: cereal grains, field corn, popcorn, sweet corn, rapeseed, canola, soybeans, and root and tuber vegetables; 30 day plant back: grasses, non-grass animal feeds, dry beans, dry peas; 8 month plant back: sugar cane; 12 month plant back: any crops without an earlier plant back interval.
- **For Soybeans:** Immediate plant back: cereal grains, field corn, popcorn, sweet corn, cotton rapeseed, canola, soybeans, root and tuber vegetables; 30 day plant back: grasses, non-grass animal feeds, dry beans; 8 month plant back: sugar cane; 12 month plant back: any crops without an earlier plant back interval.
- **For Soybean:** Foliar spray of clothianidin can be applied 45 days after planting PONCHO/VOTiVO treated soybean seeds for mid-to-late season foliar insects. Do not graze or feed soybean forage and hay to livestock.
- **Sugarbeet:** Immediate plant back: cotton, corn (field, sweet, and pop), rapeseed, sorghum, sugarbeet, canola, soybeans; 30 day plant back: cereal grains (except rice), dried beans, and dried peas. Do not plant any other crop in the treated area for at least one year after treated seeds are planted.
- Do not graze or feed soybean forage and hay to livestock.
- Foliar spray of clothianidin can be applied 45 days after planting PONCHO/VOTiVO treated soybean seed for mid-to-late season foliar insects.
- PONCHO/VOTiVO is not to be used in areas where rice/crawfish aquaculture practices are in place or in or near fish farms, shrimp, prawn or crab ponds or nursery operations.
- PONCHO/VOTiVO is not to be followed by a spray treatment of another neonicotinoid insecticide. Follow approved guidelines established for insect resistance management by consulting your local extension pest management expert.
- For cereal grains (except corn, rice, sorghum and wild rice): this seed has been treated at the rate of xx mg ai/seed.
- For corn (field, sweet, & pop): this seed has been treated at the rate of xx mg ai/seed.
- For cotton, delinted only: this seed has been treated at the rate of 0.424 mg ai/seed.
- For sorghum: this seed has been treated at the rate of 0.08 mg ai/seed.
- For soybean: this seed has been treated at the rate of 0.13 mg ai/seed.
- For sugarbeet: this seed has been treated at the rate of 0.72 mg ai/seed.

For PRODUCT USE Information Call 1-866-99BAYER (1-866-992-2937)
For MEDICAL, TRANSPORTATION or OTHER Emergencies ONLY Call 24 Hours A
Day 1-800-334-7577

STORAGE AND DISPOSAL

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

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

Containers with capacities equal to or less than 5 gallons

Non-refillable container. Do not reuse or refill this container. Triple rinse or pressure rinse container (or equivalent) promptly after emptying.

Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

Bayer

NET CONTENTS: 2 1/2 GALLONS

PONCHO® / VOTIVO®

A systemic insecticide and biological seed treatment for use on corn, cotton, sorghum, soybean, and sugarbeets for the control of listed insect pests and protection from listed soil plant pathogenic nematodes

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<i>Bacillus firmus</i> I-1582:	08.10%
OTHER INGREDIENTS:	51.60%
TOTAL: 100.00%	

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Bacillus firmus I-1582 per U.S. gallon

EPA Reg. No. 264-1109

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FIRST AID

If swallowed:	<ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Have person sip a glass of water if able to swallow. • Do not induce vomiting unless told to by a poison control center or doctor. • Do not give anything by mouth to an unconscious person.
If in eyes:	<ul style="list-style-type: none"> • 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. • Call a poison control center or doctor for treatment advice.

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Note to Physician: No specific antidote is available. Treat the patient symptomatically.

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- Harmful if swallowed.
- Causes moderate eye irritation.
- Avoid contact with eyes or clothing.
- This product contains a microbial pesticide that may have the potential to be a respiratory sensitizer.

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.

STORAGE AND DISPOSAL

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Container handling

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Triple rinse as follows: Empty the remaining contents into application equipment or a mix tank and drain for 10 seconds after the flow begins to drip. Fill the container 1/4 full with water and recap. Shake for 10 seconds. Pour rinsate into application equipment or a mix tank or store rinsate for later use or disposal. Drain for 10 seconds after the flow begins to drip. Repeat this procedure two more times.

Pressure rinse as follows: Empty the remaining contents into application equipment or a mix tank and continue to drain for 10 seconds after the flow begins to drip. Hold container upside down over application equipment or mix tank or collect rinsate for later use or disposal. Insert pressure-rinsing nozzle in the side of the container, and rinse at about 40 PSI for at least 30 seconds. Drain for 10 seconds after the flow begins to drip.

Offer for recycling, if available, or puncture and dispose of in a sanitary landfill, or by incineration.

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Research Triangle Park, North Carolina 27709
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