

\*\*CONTAINER\*\*

|       |   |             |
|-------|---|-------------|
| GROUP | 4 | INSECTICIDE |
|-------|---|-------------|

### PONCHO VOTIVO®

A systemic insecticide and biological seed treatment for use on corn for control of insect pests and soil plant pathogenic nematodes. For use in commercial seed treatment facilities with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. No open transfer of **PONCHO VOTIVO**.

COMMERCIAL

SUSPENSION

ACTIVE INGREDIENTS:      Clothianidin..... 508 g/L  
                                  *Bacillus firmus* strain I-1582..... 8.0%  
                                  (Minimum of  $2 \times 10^9$  CFU/mL)

Contains 1,2 benzisothiazolin-3-one at 0.032%, 2-methyl-4-isothiazolin-3-one at 0.0003% and 5 chloro-2-methyl-4-isothiazolin-3-one at 0.0009%, as preservatives

REGISTRATION NO. 31029

PEST CONTROL PRODUCTS ACT

POTENTIAL SENSITIZER

CAUTION – POISON



READ THE LABEL AND BROCHURE BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

**IN CASE OF EMERGENCY ENDANGERING LIFE OR PROPERTY INVOLVING THIS PRODUCT, CALL DAY OR NIGHT 1-800-454-2673**

**NET CONTENTS** : 1 L - Bulk

BASF Canada Inc.  
5025 Creekbank Road  
Building A, 2nd Floor  
Mississauga, Ontario L4W 0B6  
1-877-371-2273

This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the "Seeds Act" must be strictly adhered to when using this product.

PONCHO and VOTIVO are registered trademarks of BASF Corporation, used under license by BASF Canada Inc. All other products listed are trademarks or registered trademarks of their respective companies.

**NOTICE TO USER:** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. May cause sensitization. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**SEED TREATMENT WORKERS:** Treaters, cleaners, baggers, sewers, stackers and others must wear cotton coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, work boots, socks, head gear and respiratory protection (i.e., NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested or a fresh air hood).

User Safety Recommendations:

User should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- 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.
- Follow manufacturer's instructions for cleaning/maintaining. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

## FIRST AID

**IF SWALLOWED:** Call a poison control centre or doctor immediately for treatment advice. Have person sip a glass of water if able to swallow. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give anything by mouth to an unconscious person.

**IF ON SKIN OR CLOTHING:** Take off contaminated clothing. Rinse skin immediately with plenty of water for 15–20 minutes. Call a poison control centre or doctor for treatment advice.

**IF INHALED:** Move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. Call a poison control centre or doctor for further treatment advice.

**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 centre or doctor for treatment advice.

Take container, label or product name and Pest Control Product Registration Number with you when seeking medical attention.

**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

**ENVIRONMENTAL PRECAUTIONS:** Toxic to aquatic organisms. Treated seed is toxic to birds and small wild mammals. Clothianidin is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators.

To help minimize the dust generated during planting, refer to the “Pollinator Protection and Responsible Use of Treated Seed-Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators).

When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honeybee colonies.

Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from seed treatments. When used according to label directions minimal exposure or risk is expected.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests

DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**STORAGE:** Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Store the product at room temperature for up to 24 months. Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

## **CONTAINER DISPOSAL**

### **Recyclable Container**

Do not reuse this container for any purpose. This is a recyclable container, and is to be disposed of at a container collection site. Contact your local distributor/dealer or municipality for the location of the nearest collection site. Before taking the container to the collection site:

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Make the empty, rinsed container unsuitable for further use.

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### **Returnable Container**

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### **Refillable Container**

1. After use, return the container to the point of purchase or designated locations.
2. This container must only be refilled with **PONCHO VOTIVO** at designated locations.
3. Do not reuse container for other purposes.
4. Prior to refilling inspect thoroughly for damage.
5. Check for leaks after refilling and before transportation.
6. Do not refill or transport damaged or leaking containers.
7. If the container is not being refilled, return to the point of purchase.

### **Non-Recyclable/Returnable/Refillable Container**

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## **DISPOSAL OF UNUSED, UNWANTED PRODUCT**

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\*\*BOOKLET\*\*

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## GENERAL INFORMATION

**NOTICE TO USER** This pest control product is to be used only in accordance with the directions on the label. It is an offence under the *Pest Control Products Act* to use this product in a way that is inconsistent with the directions on the label.

**THE PRODUCT: PONCHO VOTIVO** is a combination insecticide and biological seed treatment that, when applied to seed, protects the seed and seedlings 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 vigour, which often results in more uniform plants and greater yields. In areas of high nematode infestation additional control measures may be warranted.

## SAFETY AND HANDLING

**PRECAUTIONS:** KEEP OUT OF REACH OF CHILDREN. Harmful if swallowed. May cause sensitization. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

**SEED TREATMENT WORKERS:** Treaters, cleaners, baggers, sewers, stackers and others must wear cotton coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, work boots, socks, head gear and respiratory protection (i.e., NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested or a fresh air hood).

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**TOXICOLOGICAL INFORMATION:** Treat symptomatically.

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When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant. Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds. When turning on the planter, avoid engaging the system where emitted dust may contact honeybee colonies.

Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

Bees can be exposed to product residues in flowers, leaves, pollen and/or nectar resulting from seed treatments. When used according to label directions minimal exposure or risk is expected.

To reduce runoff from treated areas into aquatic habitats avoid application to areas with a moderate to steep slope, compacted soil, or clay. Avoid application when heavy rain is forecast. Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.

The use of this chemical may result in contamination of groundwater particularly in areas where soils are permeable (e.g. sandy soil) and/or the depth to the water table is shallow.

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DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

**STORAGE:** Do not contaminate water, food or feed by storage, disposal, or by cleaning of equipment. Store the product at room temperature for up to 24 months. Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

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3. Do not reuse container for other purposes.
4. Prior to refilling inspect thoroughly for damage.
5. Check for leaks after refilling and before transportation.
6. Do not refill or transport damaged or leaking containers.

7. If the container is not being refilled, return to the point of purchase.

**Non-Recyclable/Returnable/Refillable Container**

1. Triple- or pressure-rinse the empty container. Add the rinsings to the spray mixture in the tank.
2. Follow provincial instructions for any required additional cleaning of the container prior to its disposal.
3. Make the empty container unsuitable for further use.
4. Dispose of the container in accordance with provincial requirements.

**DISPOSAL OF UNUSED, UNWANTED PRODUCT**

For information on disposal of unused, unwanted product, contact the manufacturer or the provincial regulatory agency. Contact the manufacturer and the provincial regulatory agency in case of a spill, and for cleanup of spills.

**DIRECTIONS FOR USE**

CORN (field, pop, seed and sweet)

| Pest   | Application Rate<br>mL/80,000 seeds             | Remarks   |
|--|---|---|
| Corn flea beetle,<br>Black cutworm,<br>Seedcorn maggot,<br>Wireworm<br>White grub (larvae of European Chafer,<br>May/June beetle, Japanese beetle)<br><br>Suppression of nematodes: <ul style="list-style-type: none"> <li>• Needle</li> <li>• Root lesion</li> <li>• Root knot</li> </ul> | 80<br><br>(for 0.5 mg clothianidin<br>per seed) | Dilute in sufficient liquid to<br>achieve uniform distribution.<br><br>Do not make any subsequent<br>application of a Group 4<br>Insecticide (i.e., in-furrow or<br>foliar application) following<br>treatment with <b>PONCHO<br/>           VOTIVO</b> . |

**LABELLING OF TREATED SEED**

All bags containing treated seed must be labelled or tagged as follows:

- Plant with closed cab tractors only.
- This seed has been treated with **PONCHO VOTIVO**, which contains clothianidin and *Bacillus firmus* strain I-1582 spores.
- Do not use for feed, food or oil processing.
- Store away from feeds and other foodstuffs.
- Wear long-sleeved shirt, long pants, chemical-resistant gloves, socks and boots when handling treated seed.
- This product is toxic to aquatic invertebrates.
- Dispose of all excess treated seed. Left over treated seed may be double-sown around the headland or buried away from water sources in accordance with local requirements.
- Dispose of seed packaging in accordance with local requirements.
- Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

Additionally, all treated corn seed for sale or use in Canada must be labelled with the following information:

- Clothianidin is toxic to bees. Dust generated during planting of treated seed may be harmful to bees and other pollinators. To help minimize the dust generated during planting, refer to the "Pollinator

Protection and Responsible Use of Treated Seed- Best Management Practices” on the Health Canada webpage on pollinator protection at [www.canada.ca/pollinators](http://www.canada.ca/pollinators).

- When using a seed flow lubricant with this treated seed, only a dust reducing fluency agent is permitted. Talc and graphite are not permitted to be used as a seed flow lubricant for corn seed treated with this insecticide. Carefully follow use directions for the seed flow lubricant.
- Do not load or clean planting equipment near bee colonies, and avoid places where bees may be foraging, such as flowering crops or weeds.
- When turning on the planter, avoid engaging the system where emitted dust may contact honeybee colonies.

## SEED QUALITY AND STORAGE OF TREATED SEED

Laboratory and field studies have shown that **PONCHO VOTIVO** applied to corn seed will not adversely affect germination.

Due to seed quality conditions beyond the control of BASF, no claims are made to guarantee germination of carry-over seed. Treatment of mechanically scarred or damaged seed, or of seed known to be of low germ, low vigour and poor quality is not recommended.

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 BASF, no claims are made to guarantee germination of carry-over seed.

## ROTATIONAL CROP RESTRICTIONS

Corn, canola and rapeseed may be replanted at any time. A one year plantback interval is required for leafy, root and tuber vegetables. A 30-day plantback interval on cereal grains, grasses, nongrass animal feeds and soybeans and dried beans is required.

## RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, **PONCHO VOTIVO** contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to **PONCHO VOTIVO** and other Group 4 insecticides. The resistant individuals may dominate the insect population if this group of insecticides are used repeatedly in the same field. Other resistance mechanisms that are not linked to site of action but are specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance management strategies should be followed.

To delay insecticide resistance:

- Where possible, rotate the use of **PONCHO VOTIVO** or other Group 4 insecticides with different groups that control the same pests.
- Use tank mixtures with insecticides from a different group that is effective on the target pest when such use is permitted.
- Insecticide use should be based on an integrated pest management (IPM) program that includes scouting, record keeping and considers cultural, biological, and other chemical control practices.
- Monitor treated pest populations for resistance development.
- Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for the specific site and pest problems in your area.

For further information or to report suspected resistance, contact BASF at 1-877-371-2273 or at [www.agsolutions.ca](http://www.agsolutions.ca).

## MIXING INSTRUCTIONS

When mixing, use closed transfer systems only. No open transfer.

Apply **PONCHO VOTIVO** as a water-based slurry through standard slurry or mist commercial seed treatment equipment. Treated seed must be labeled in accordance with the requirements of the *Seeds Act*. Observe the most restrictive of the labeling limitations and precautions of all products used in mixtures.

To mix, add 1/2 of the required water to the treatment slurry tank, followed by **PONCHO VOTIVO**. Add the remaining 1/2 amount of water to the slurry. Allow each component to disperse completely prior to the next addition until a uniform suspension is obtained. Do not store mixed slurries for greater than 72 hours. For additional instructions for use or mixing, contact your BASF representative for further guidelines for mixing and slurry storage instructions

## TANK-MIXES

This product may be tank mixed with a fertilizer, a supplement, or with registered pest control products, whose labels also allow tank mixing, provided the entirety of both labels, including Directions for Use, Precautions, Restrictions, Environmental Precautions, and Spray Buffer Zones are followed for each product. In cases where these requirements differ between the tank mix partner labels, the most restrictive label must be followed. Do not tank mix products containing the same active ingredient unless specifically listed on this label.

In some cases, tank mixing pest control products can result in reduced pesticide efficacy or increased host crop injury. The user should contact BASF Canada at 1-877-371-2273 for information before applying any tank mix that is not specifically recommended on this label.

For control of corn rootworms on corn (pop, seed and sweet corn only), tank mix 100 mL **Poncho 600 FS Seed Treatment Insecticide** with 30 mL of **PONCHO VOTIVO** per 80,000 corn seeds.

To mix, first add the chemical insecticides and/or fungicides to the slurry mix with approximately 1/2 of the required water. Slowly add the **PONCHO VOTIVO** to the slurry until a uniform suspension is obtained. Add the remainder of the required water and maintain continuous agitation.

Apply as a water-based slurry of adequate volume to distribute spores uniformly over seed surface area. The volume of slurry will vary according to companion seed treatments and seed type being treated.

Do not store mixed slurries for longer than 24 hours.