

2019-3341
2020-01-09

**** CONTAINER****

GROUP	4	INSECTICIDE
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PONCHO® 600 FS

Seed Treatment Insecticide

SUSPENSION

PONCHO 600 FS Seed Treatment Insecticide is a systemic insecticide seed treatment for use on canola, rapeseed and corn for the control of listed insect pests. 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 600 FS Seed Treatment Insecticide.

COMMERCIAL

ACTIVE INGREDIENT: Clothianidin600g/L

Contains 1,2-benzisothiazolin-3-one at 0.04% and 5-chloro-2-methyl-4-isothiazolin-3-one at 0.001% and 2-methyl-4-isothiazolin-3-one at 0.0004%, as preservatives

REGISTRATION NUMBER 27453 PEST CONTROL PRODUCTS ACT

READ THE LABEL AND ATTACHED BOOKLET 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

WARNING POISON

NET CONTENTS : 56.8 L, 100 L, 113 L, 200 L, 1000 L

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. A baby blue colourant must be added when this product is applied to canola/rapeseed.

BASF Canada Inc.
100 Milverton Drive, 5th Floor
Mississauga, Ontario
L5R 4H1

1-877-371-2273

PONCHO is a registered trademark of BASF, used with permission by BASF Canada Inc.

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.

FIRST AID

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

If swallowed: Call a poison control centre or doctor immediately for treatment advice. Do not induce vomiting unless told to do so by a poison control centre or doctor. Do not give any liquid to the person. 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.

TOXICOLOGICAL INFORMATION

No specific antidote is available. Treat the patient symptomatically.

PRECAUTIONS

SAFETY PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Harmful or fatal if swallowed. Harmful if absorbed through skin. Avoid contact with skin or clothing. Wash hands thoroughly with soap and water after handling. Remove contaminated clothing and wash before reuse.

SEED TREATMENT WORKERS: Workers mixing, loading, treating, clean-up, or maintaining and repairing seed treatment equipment, bagging, sewing or stacking treated seed must wear coveralls over long-sleeved shirt, long pants, chemical-resistant gloves, head gear, and respiratory protection (i.e., NIOSH/MSHA/BHSE-approved dust-filtering respirator or 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.

ENVIRONMENTAL HAZARDS

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.

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 honey bee 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.

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 AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

PESTICIDE DISPOSAL: 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 clean-up of spills.

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

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

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 600 FS Seed Treatment Insecticide 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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**** BOOKLET****

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ENVIRONMENTAL HAZARDS

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.

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 honey bee 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.

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.

USE RESTRICTIONS

- Do not use treated seed for food, feed, or oil processing.
- Due to seed quality conditions beyond the control of BASF, no claims are made to guarantee germination of carry-over seed.
- Rape greens and seed grown or harvested from PONCHO 600 FS Seed Treatment Insecticide-treated seed must not be used for feed or human consumption.
- Rapeseed grown and harvested from PONCHO 600 FS Seed Treatment Insecticide-treated seed is only for industrial uses and cannot be used for edible oil or any other human/feed consumption.

LABELING OF TREATED SEED

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

- This seed has been treated with PONCHO 600 FS Seed Treatment Insecticide, which contains clothianidin.
- Do not use for feed, food or oil processing.
- Rape greens and seed grown or harvested from PONCHO 600 FS Seed Treatment Insecticide-treated seed must not be used for feed or human consumption.
- Store away from feeds and other foodstuffs.
- Wear long-sleeved shirt, long pants and chemical-resistant gloves 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.
- Spilled or exposed seeds and dust must be incorporated into the soil or 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.
- 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 honey bee colonies.
- Spilled or exposed seeds and dust must be incorporated into the soil or cleaned up from the soil surface.

STORAGE AND DISPOSAL

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

PESTICIDE STORAGE: Store in a cool place. Do not store in direct sunlight. Protect from freezing temperatures.

PESTICIDE DISPOSAL: 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 clean-up of spills.

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.

If there is no container collection site in your area, dispose of the container in accordance with provincial requirements.

RETURNABLE CONTAINER

Do not reuse this container for any purpose. For disposal, this empty container may be returned to the point of purchase (distributor/dealer).

REFILLABLE CONTAINER

1. After use, return the container to the point of purchase or designated locations.
2. This container must only be refilled with PONCHO600 FS Seed Treatment Insecticide 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.
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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.

SEED QUALITY AND STORAGE OF TREATED SEED

Laboratory and field studies have shown that PONCHO 600 Seed Treatment Insecticide applied to canola 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.

DIRECTIONS FOR USE

PONCHO 600 FS Seed Treatment Insecticide is a systemic insecticide seed treatment for use on canola, rapeseed and corn for the control of listed insects.

For use in commercially available equipment designed for seed treatment only. Not for use in hopper-box, slurry-box, or similar seed treatment applications used at planting. This product is to be used in liquid or slurry treaters. Mix thoroughly before use or use entire container at one time. Do not make any subsequent application of a Group 4 Insecticide (i.e., in-furrow or foliar application) following treatment with PONCHO 600 FS Seed Treatment Insecticide.

SPECIAL USE RESTRICTION : 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. A baby blue colourant must be added when this product is applied to canola/rapeseed.

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 600 FS Seed Treatment Insecticide contains a Group 4 insecticide. Any insect population may contain individuals naturally resistant to PONCHO 600 FS Seed Treatment Insecticide 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 600 FS Seed Treatment Insecticide or other Group 4 insecticides with different groups that control the same pests in a field.
- Use tank mixtures with insecticides from a different group 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.

RECOMMENDED APPLICATIONS

Crop	Pest	Rate PONCHO 600 FS Seed Treatment Insecticide		Remarks
Canola, Rapeseed	Flea beetle	250 mL, 333 mL or 666 mL per 100 kg seed		<p>250 mL/100 kg seed: For use under low to moderate flea beetle pressure.</p> <p>333 mL/100 kg seed: For a higher level of control under moderate flea beetle pressure.</p> <p>666 mL/ 100 kg seed: For use under high to extreme flea beetle pressure where extended control is required.</p> <p>Do not make any subsequent application of a Group 4 Insecticide (i.e., in-furrow or foliar application) following treatment with PONCHO 600 FS Seed Treatment Insecticide.</p>
Corn (including field, sweet, and pop)		mg AI/kernal	per 80,000 unit of seed	
	Corn rootworm (including Northern, Western)	1.25	166.7 mL	The application rate recommended for control of corn rootworm also provides control of other listed corn pests.
	Corn flea beetle, Black cutworm, Seedcorn maggot, Wireworm	0.25 – 0.5	33.3 – 66.6 mL	If corn rootworm is not a target pest, use appropriate lower application rates for control of other listed corn pests.
	White grub (larvae of European Chafer, May/June beetle, Japanese beetle)	0.25	33.3 mL	PONCHO 600 FS Seed Treatment Insecticide may be tank-mixed with Maxim XL Seed Treatment Fungicide at labeled rates for control of fungus diseases in corn. Follow all directions and precautions on the label. Do not make any subsequent application of a Group 4 Insecticide (i.e., in-furrow or foliar application) following treatment with PONCHO 600 FS Seed Treatment Insecticide.

TANK MIX

Tank mix Instructions for PONCHO 600 FS Seed Treatment Insecticide with PROSPER FL Flowable Insecticide-Fungicide Seed Treatment (for canola only):

Prosper FL when applied alone on canola seeds will provide 150 g clothianidin/ 100 kg seed for control of flea beetles under low to moderate insect pressure. For a higher level of control under moderate flea beetle pressure, mix 83 mL of PONCHO 600 FS Seed Treatment Insecticide with 1250 mL of Prosper FL, per 100 kg of canola seeds, to obtain a total dosage of 200 g of clothianidin/100 kg seed. For use under high to extreme flea beetle pressure, where extended control is required, mix 417 mL of PONCHO 600 FS Seed Treatment Insecticide with 1250 mL of Prosper FL per 100 kg of canola seeds, to obtain a total dosage of 400 g of clothianidin/100 kg seed.

CROP/PEST	CANOLA SEEDS	PONCHO 600 FS + PROSPER FL	USE RECOMMENDATION
Canola/ flea beetles	100 kg	83 mL + 1250 mL	For a higher level of control under moderate flea beetle pressure
	100 kg	417 mL + 1250 mL	For use under high to extreme flea beetle pressure, where extended control is required

Do not make any subsequent application of a Group 4 Insecticide (i.e., in-furrow or foliar application) following treatment with PONCHO 600 FS Seed Treatment Insecticide.

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

When adding rinsate from triple rinsing the container for disposal, be sure to re-calibrate seed treater by adjusting the application volume up by 6% to compensate for the dilution of the product caused by the addition of rinsate. Please refer below to Triple Rinsing Instructions which are specific to the tank mix for canola.

TRIPLE RINSING INSTRUCTIONS FOR CONTAINER DISPOSAL – FOR TANK MIX FOR CANOLA ONLY

Recyclable and disposable containers for PONCHO 600 FS and Prosper FL should be triple rinsed prior to their disposal. The rinsate can be added to the seed treatment provided the total volume of water does not exceed 6% of the container volume. Use 2% of the container size 3 times to triple rinse. Add the appropriate volume of rinse water to the container and swish the contents thoroughly. Empty the rinsate into the seed treater holding tank and repeat this process two more times making sure the total volume of rinsate does not exceed 6% of the container size. Make sure rinsate is thoroughly mixed with seed treatment before treating.

CAUTION: DO NOT dilute beyond 6% or excess seed wetness may result in seed handling difficulties. Using excess water can also cause the tank mix to thin resulting in settling of solids in the product.