

Container Label

GROUP	30	INSECTICIDE
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Teraxxa®

Insecticide Seed Treatment

Seed treatment for wireworm control in small cereal grains

Suspension Concentrate

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Broflanilide 300 g/L

Contains 1,2-benzisothiazolin-3-one at 0.036%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.0011% and 2-methyl-4-Isothiazolin-3-one at 0.00037%, as preservatives

Warning, contains the allergen soy

REGISTRATION NO. 33668

PEST CONTROL PRODUCTS ACT

KEEP OUT OF REACH OF CHILDREN

READ THE LABEL AND THE BOOKLET BEFORE USING

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

NET CONTENTS: 0.1 L to Bulk

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

TERAXXA is a registered trade-mark of BASF Agrochemical Products B.V., used under license by BASF Canada Inc.

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.

PRECAUTIONS

1. **KEEP OUT OF REACH OF CHILDREN.**
2. Harmful if swallowed. Do not take internally.
3. Avoid contact with eyes, skin and clothing.
4. Wash thoroughly after handling and before eating, drinking or smoking.
5. Apply only in a way that this product will not contact workers or other persons, either directly or through drift. Only workers wearing the personal protective equipment listed in the booklet may be in the area where treating, bagging, sewing and/or stacking is occurring.
6. Keep treated seeds out of reach of children and animals.
7. Refer to the booklet for personal protective equipment.
8. If clothing becomes contaminated, remove and wash separately from household laundry before reuse.
9. Clean equipment thoroughly after use.

ENVIRONMENTAL PRECAUTIONS

Toxic to aquatic organisms.

Broflanilide 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.

Please refer to the booklet for the complete list of ENVIRONMENTAL PRECAUTIONS.

STORAGE

1. Prevent from freezing; however, in the instance that the product freezes, allow to thaw at room temperature for 24 hours and agitate well prior to use.
2. To prevent contamination, store this product away from food and feed.
3. Store in original tightly closed container in a cool, dry, locked, well-ventilated area without floor drain.

DISPOSAL

For Recyclable Containers

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 any further use.

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

For Returnable Containers

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

For Non-Returnable containers

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

For information on the 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.

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.

Booklet

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4. Wash thoroughly after handling and before eating, drinking or smoking.
5. Apply only in a way that this product will not contact workers or other persons, either directly or through drift. Only workers wearing the personal protective equipment listed below may be in the area where treating, bagging, sewing and/or stacking is occurring.
6. Keep treated seeds out of reach of children and animals.
7. Clean equipment thoroughly after use.

Personal Protective Equipment

If clothing becomes contaminated, remove and wash separately from household laundry before reuse.

Seed Types	Tasks	PPE/ Engineering Controls
For Commercial Seed Treatment (including mobile treaters)		
All Seed Types	Treating / Bagging / Sewing / Stacking	Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks, shoes and a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during mixing, loading, treating, calibrating, bagging, sewing seed bags, stacking and any other activities involving handling treated seeds.
	Clean-up and repair activities	Wear chemical-resistant coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks, chemical-resistant footwear and a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during clean-up and repair activities.
For On-Farm Seed Treatment		
All Seed Types	Treating	Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks, and shoes during mixing, loading, treating, calibrating, clean-up, repair and any other activities involving handling treated seeds. Wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested when transferring treated seed to the planter/seeder.
	Clean-up and repair activities	
For Planting Treated Seeds		
All Seed Types	Planting	Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves socks and shoes during planting and handling of treated seeds. Wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested when transferring treated seed to the planter/seeder.
	Closed-cab tractor	Use only a closed-cab tractor when planting. Gloves are not required within the closed cab.

ENVIRONMENTAL PRECAUTIONS

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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.

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

1. Prevent from freezing; however, in the instance that the product freezes, allow to thaw at room temperature for 24 hours and agitate well prior to use.
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GENERAL INFORMATION

Teraxxa insecticide seed treatment is a suspension concentrate (SC) that protects seed and seedlings from certain chewing insects through contact and ingestion. **Teraxxa** provides season-long control of wireworms. Broflanilide, the active ingredient in **Teraxxa**, is a member of the Insecticide Resistance Action Committee (IRAC) Group 30 class of chemistry.

Teraxxa insecticide seed treatment can be used in commercial treatment facilities and on-farm standard gravity flow or mist type treatment machines. **Teraxxa** can also be used in “On the Go” air seeder treatment systems.

DIRECTIONS FOR USE

All Crops
Apply recommended rates of Teraxxa insecticide seed treatment with seed treatment equipment as specified. Equipment should be checked frequently for proper calibration.
Apply Teraxxa as a water-based mixture using standard slurry or mist-type seed treatment application equipment. The exact amount of water needed to provide the mixture or slurry rate (mL/100 kg of seed) for optimum coverage is difficult to predict since weather conditions, hot or cold, seed type and surface, and equipment used all have a bearing on coverage. Consult a seed treatment specialist regarding slurry rates recommended for the crop seed to be treated with Teraxxa . The required amount of Teraxxa should then be diluted with the recommended amount of water that will provide uniform and complete coverage on the seed surface. Uniform application on seed and complete seed coverage are necessary for seed safety and best insect protection. Seed should be sound and well cleaned prior to treatment.
This product contains no colourant. An appropriate colourant must be added when this product is applied. Regulations pertaining to the “ <i>Seeds Act</i> ” must be strictly adhered to when using this product.
A tank-mixture with a registered fungicide can be applied to seed to protect against pathogens. Please read and follow all label guidelines (including precautions, limitations, rates and directions for use) for all mix partners.

Crop Application Rate Table

Small Cereal Grains ¹	
Pest	Application Rate mL/100 kg seed
Insects controlled: Wireworm (all species)	16.7 mL (5 g ai/100 kg seed)
¹ Detailed Crop List – Barley, buckwheat, pearl millet, proso millet, oats, rye, sorghum, triticale, canary seed, annual canary grass (grown for human consumption), wheat (all types: winter, spring and durum)	

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.

USE RESTRICTIONS

- Do not use for food, feed or oil processing. This seed is treated with broflanilide.
- Store this product away from food or feed.
- Do not apply this product directly to freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, ditches and wetlands), estuaries or marine habitats.
- Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.
- Thoroughly clean auger after handling treated seed before using same auger for handling commercial or feed grains.

Any seed treated with this product must be either thoroughly stained with a conspicuous colour or coated with a material that renders it conspicuous. **Teraxxa** is sold only to individuals who can comply with these requirements. Regulations pertaining to the coloration of treated seed enforced under the "Seeds Act" must be strictly adhered to when using this product.

SEED LABELLING

TREATED SEED (BULKED OR BAGGED) MUST BE LABELLED AS FOLLOWS:

Keep out of reach of children and animals. Store away from feed and food stuff. DO NOT use for food, feed or oil processing. This seed is treated with **Teraxxa** containing broflanilide.

Use only closed cab planting equipment when planting seeds treated with **Teraxxa**. During handling and planting treated seeds, wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes. Wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested when transferring treated seed to the planter/seeder.

Broflanilide 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.

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.

SEED STORAGE

Treatment of highly mechanically damaged seed, seed known to be of low vigour and poor quality, or seed where the storage conditions were poor (high humidity in storage, moisture within grain storage facility, or grain sitting on the ground) may result in reduced germination and/or reduction of seed and seedling vigour. Treat and conduct germination tests on a small test sample of seed before treating commercial quantities with **Teraxxa insecticide seed treatment**. Due to seed quality and seed storage conditions beyond the control of BASF Canada, BASF Canada makes no claims or guarantees as to germination of carry-over seed treated with **Teraxxa**.

Rotational Crops

Immediate plant-back is permitted for all labelled crops. A plant-back interval of 30 days is required for all crops not on the label.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, **Teraxxa insecticide seed treatment** contains a Group 30 insecticide. Any insect population may contain individuals naturally resistant to **Teraxxa** and other Group 30 insecticides. The resistant individuals may dominate the insect population if this group of insecticides is used repeatedly in the same fields. 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 **Teraxxa** or other Group 30 insecticides with different groups that control the same pests.
- Insecticide use should be based on an integrated pest management program that includes scouting and 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 Canada Inc. at 1-877-371-2273 or at www.agsolutions.ca.