

2022-2039
2023-01-20

Container Label

GROUP	3	FUNGICIDE
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CHARTER® HL

SEED TREATMENT FUNGICIDE

SUSPENSION CONCENTRATE

A LIQUID FLOWABLE FOR CONTROL OF VARIOUS DISEASES IN CORN

For use in commercial seed treatment facilities (and mobile treaters) with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. No open transfer is permitted. No on-farm seed treatment is permitted

COMMERCIAL (AGRICULTURAL)

ACTIVE INGREDIENT: Triticonazole 500 g/L

Contains 1,2-benzisothiazolin-3-one at 0.00425% and 2-methyl-4-isothiazolin-3-one at 0.00425% as preservatives

Warning, contains the allergen soy

REGISTRATION NO. 31114

PEST CONTROL PRODUCTS ACT

READ THE LABEL AND BOOKLET BEFORE USING

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

NET CONTENTS: 0.100 L to 1000 L

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

CHARTER is a registered trade-mark of BASF Agro Trademarks GmbH, used under license by BASF Canada Inc.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. AVOID CONTACT WITH SKIN AND EYES. Apply only in a way that this product will not contact workers or other persons, either directly or through drift. Only workers wearing personal protective equipment may be in the area when seed is being treated or bagged. Harmful if inhaled. Avoid inhaling or breathing dust. Wear chemical resistant gloves and chemical resistant coveralls made of laminated, non-woven or composite fabric when handling **CHARTER HL** or treated seed. When handling **CHARTER HL** and when treating seed or while augering or handling treated seed, work in a well-ventilated area. Wear a NIOSH approved dust filtering respirator during cleanup activities, when handling **CHARTER HL** or if working area is not well ventilated. Wash hands and exposed skin thoroughly after handling the product and after application.

ENVIRONMENTAL PRECAUTIONS

Ensure proper soil incorporation of the seeds.

DO NOT feed treated seed to, or otherwise expose, wildlife or domestic birds. Toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface. Ensure proper disposal of any surplus treated seed not intended for later planting.

DO NOT contaminate domestic or irrigation water supplies, lakes, streams, ponds or any body of water with the chemical, used containers, treated seed or bags, which have held treated seed. **DO NOT** contaminate water by cleaning of equipment or disposal of wastes. This product demonstrates the properties and characteristics associated with chemicals detected in groundwater. The use of this product in areas where soils are permeable, particularly where the water table is shallow, may result in groundwater contamination.

Unused or leftover treated seed should not be stored where there is a chance of it becoming mixed with untreated seed.

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

No specific antidote. Treat symptomatically.

STORAGE CONDITIONS

Store in original container with the lid tightly closed, in a secure, well-ventilated area. Store in an area that is out of reach of children and animals, away from food, feed stuffs, fertilizers and seed. Protect from frost and freezing.

DISPOSAL / DECONTAMINATION

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 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.

For Non-Returnable Containers

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For Returnable-Refillable Containers

For disposal, this container may be returned to the point of purchase (distributor/dealer). It must be refilled by the distributor/dealer with the same product. Do not reuse this container for any other purpose.

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.

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

GROUP

3

FUNGICIDE

CHARTER® HL

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GENERAL INFORMATION

CHARTER HL is a water-based seed treatment product formulation containing triticonazole, a Group 3 fungicide. **CHARTER HL** controls or suppresses certain diseases in corn.

DIRECTIONS FOR USE

CHARTER HL is for use in commercial seed treatment plants.

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.

CROP ROTATION

A rotational plantback interval of 30 days must be observed for crops not listed on the label.

MIXING INSTRUCTIONS

CHARTER HL requires the addition of a seed colorant and water. Agitate or shake well prior to usage. Commercial sized containers should be agitated frequently.

For specific application instructions through various seed treatment application machines, please consult the seed treatment application equipment manufacturer in question for further directions on water dilutions and calibration of equipment.

RATE: 10 to 100 mL product /100 kg of seed

DISEASES CONTROLLED

CHARTER HL will provide effective control of seed rot and seedling blight caused by *Rhizoctonia* spp. and *Fusarium* spp. **CHARTER HL** will provide effective control of post-emergent damping off caused by *Fusarium* spp. **CHARTER HL** will provide effective control of head smut. **CHARTER HL** will generally increase emergence and plant stands by controlling seed-borne pathogens.

Crop	Target Disease	Product use rate in mL/100 kg seed (kg ai/100 kg seed)
Corn (Field, pop, sweet, corn for seed production)	Control of seed rot and seedling blight caused by <i>Rhizoctonia solani</i> and <i>Fusarium</i> spp. Control of post-emergent damping off caused by <i>Fusarium</i> spp.	10 (0.005)
	Control of head smut (<i>Sporisorium reilianum</i>)	100 (0.05)

For control of additional diseases in corn CHARTER HL may be mixed with the following products:

- Apron XL LS
- Allegiance FL
- Maxim XL Seed Treatment Fungicide
- Maxim 480 FS Colourless Seed Treatment

When applied as a tank-mix combination, read and observe all label directions, including rates, restrictions, and grazing limitations for each product used in the tank-mix. Follow the more stringent label precautionary measures for mixing, loading and applying stated on both product labels.

RESISTANCE-MANAGEMENT RECOMMENDATIONS

For resistance management, please note that **CHARTER HL** contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to **CHARTER HL** and other Group 3 fungicides. A gradual or total loss of pest control may occur over time if these fungicides are used repeatedly in the same fields. Other resistance mechanisms that are not linked to site of action but specific for individual chemicals, such as enhanced metabolism, may also exist. Appropriate resistance-management strategies should be followed.

To delay fungicide resistance:

1. Where possible, rotate the use of CHARTER HL or other Group 3 fungicides with different groups that control the same pathogens. Use tank mixtures with fungicides from a different group that is effective on the target pathogen when such use is permitted.
2. Fungicide use should be based on an integrated disease management program that includes scouting, historical information related to pesticide use and crop rotation and considers host plant resistance, impact of environmental conditions on disease development, disease thresholds, as well as cultural, biological and other chemical control practices. Where possible, make use of predictive disease models to effectively time fungicide applications.
3. Monitor treated fungal populations for resistance development. Notify BASF if reduced sensitivity of the pathogen to CHARTER HL is suspected.
4. If disease continues to progress after treatment with this product, do not increase the use rate. Discontinue use of this product, and switch to another fungicide with a different site of action, if available. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and pathogens.
5. For further information and to report suspected resistance, contact a BASF-representative at 1-877-371-2273 or at www.agsolutions.ca

USE RESTRICTIONS

- No on-farm seed treatment is permitted.
- Do not use treated seed for food, feed or oil processing.
- Do not store **CHARTER HL** near feed or foodstuffs.
- Do not contaminate feed or foodstuffs.
- Any seed treated with this product must be either thoroughly stained with a conspicuous color or coated with a material that renders it conspicuous. **CHARTER HL** 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.
- Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

TREATED SEED MUST BE LABELLED AS FOLLOWS

- "This seed has been treated with **CHARTER HL** containing triticonazole, a Group 3 fungicide. DO NOT use for food, feed or oil processing". The date of treatment must also be included.
- DO NOT store treated seed for more than 18 months. Treated seed stored for periods in excess of 18 months may decrease in germination at a faster rate than untreated seed. Treated seed stored for more than 6 months should be tested for germination before planting.
- When handling and planting treated seed, wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during handling and planting treated seeds. Use a closed-cab tractor when planting treated seed. Gloves are not required within a closed cab.
- Thoroughly clean auger after handling treated seed before using same auger for handling commercial or feed grains.
- Leftover treated seed should not be stored where there is a chance of it becoming mixed with untreated seed.
- Toxic to birds and small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.
- Keep treated seed out of reach of children and animals.
- Store treated seed in cool, dry conditions.
- A rotational plantback interval of 30 days must be observed for crops not listed on the label.

PRECAUTIONS

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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		
Corn	Treating (Closed M/L)	Wear coveralls over a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during mixing, loading and application. For use with closed transfer including closed mixing, loading, calibrating, and closed treatment equipment only. No open transfer is permitted.
	Bagging/Sewing/Stacking, clean-up and repair activities	Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes when handling treated seeds and during clean-up and repair activities.
For Planting Treated Seeds		
Corn	Handling + Planting	Wear a long-sleeved shirt, long pants, chemical-resistant gloves, socks and shoes during loading and planting treated seeds Use a closed-cab tractor when planting treated seed. Gloves are not required within a closed cab

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TOXICOLOGICAL INFORMATION

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STORAGE CONDITIONS

Store in original container with the lid tightly closed, in a secure, well-ventilated area. Store in an area that is out of reach of children and animals, away from food, feed stuffs, fertilizers and seed. Protect from frost and freezing.

DISPOSAL / DECONTAMINATION

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