

GROUP **7** FUNGICIDE

**TREBUSET®**  
**ADEPIDYN® technology**

Seed Treatment Fungicide and Nematicide

COMMERCIAL

Suspension

A seed treatment product for use on corn.

**ACTIVE INGREDIENT:**

Pydiflumetofen ..... 500 g/L

Contains 1,2-benzisothiazolin-3-one at 0.02%, 5-chloro-2-methyl-4-isothiazolin-3-one at 0.00064%, 2-methyl-4-isothiazolin-3-one at 0.00021% and 2-bromo-2-nitropropane-1,3-diol at 0.0075% as preservatives.



**CAUTION** **POISON**  
**READ THE LABEL AND BOOKLET BEFORE USING**  
**KEEP OUT OF REACH OF CHILDREN**

REGISTRATION NO.: **34613**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **1 L – 1050 L**

**ALL SEED TREATED WITH THIS PRODUCT MUST BE CONSPICUOUSLY COLOURED AT THE TIME OF TREATMENT**

**Syngenta Canada Inc.**  
140 Research Lane, Research Park  
Guelph, Ontario N1G 4Z3  
Telephone: 1-877-964-3682

**Corn : For use in commercial facilities (or by mobile treaters) only.**

**Commercial treater application of TREBUSET (facilities and mobile treaters) must be completed with closed transfer systems only. Closed transfer includes mixing, loading, calibrating and closed treatment equipment only.**

LABEL

## 1.0 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.

## 2.0 FIRST AID

**IN CASE OF POISONING**, contact a physician or a poison control centre **IMMEDIATELY**. 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. 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 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.

**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.

## 3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

## 4.0 PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN AND DOMESTIC ANIMALS. Harmful if inhaled. Avoid inhaling/breathing dust, sprays, or mists. Wash hands and face after handling and before eating, using tobacco (including smoking), applying cosmetics, or using the toilet. Avoid contamination of feed and foodstuffs.

When tank mixes are permitted, read and observe all label directions, including rates and restrictions 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.

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 where treating, bagging, sewing and/or stacking is occurring.

If this pest control product is to be used on a commodity that may be exported to other countries in the world and you require information on acceptable residue levels in these countries, please contact Syngenta Canada Inc. at 1-87-SYNGENTA / 1-877-964-3682.

### 5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

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

Seed Types	Tasks	PPE/Engineering Controls
<b>For Commercial Seed Treatment (including mobile treaters)</b>		
Corn	Closed transfer system only	Closed transfer includes closed mixing, loading, calibrating and closed treatment equipment
	Treating	Wear chemical-resistant coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, treating, calibrating, clean-up and repair activities. For good hygiene practice, it is also recommended to wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during all job activities.
	Clean-up and repair activities	
	Bagging / Sewing / Stacking	Wear coveralls over 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 bagging, sewing seed bags, stacking and any other activities involving handling treated seeds.
<b>For Planting Treated Seeds</b>		
Corn	Planting	Wear 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 a closed-cab tractor when planting corn seeds. Gloves are not required within the closed cab.

**NOTE:** In case of accident, take the product label to the emergency facility or physician.

## 6.0 ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms.

Toxic to small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.

## 7.0 USE LIMITATIONS

1. Treated seed must not be used for food, feed or oil processing.
2. Store away from food and feed.
3. Do not plant any crop other than Potatoes and tuberous and corm vegetable subgroup (CG 1C), Leafy Greens Vegetables subgroup (CG 4-13A), Dried shelled pea and bean subgroup (CSG 6C), Soybeans, Peanut, Fruiting vegetables crop group (CG 8-09), Cucurbit vegetables crop group (CG 9), Cereals (wheat, barley, oats, rye, triticale), Rapeseed subgroup (CSG 20A), or Leaf Petiole Vegetables subgroup (CSG 22B) immediately into fields which treated seeds were planted. Do not plant leaves of root and tuber vegetable crops or root and tuberous vegetables, except CSG 1C, sorghum, buckwheat, millet and teosinte or any other crops Intended for Food and Feed, within 30 days to fields in which treated seeds were planted.
4. Do not graze or feed livestock on treated crops.
5. Corn seed treated with TREBUSET (bulked or bagged) must be labeled with the following statements: **“Do not use for food, feed or oil processing. This seed has been treated with the fungicide pydiflumetofen. Store this product away from food or feed. Keep out of reach of children and animals. During handling and planting treated seeds, wear 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. Use a closed-cab tractor when planting corn seeds. Gloves are not required within the closed cab.”**
6. All containers or packages containing treated seed for sale or use in Canada must be labeled or tagged as follows: **“Toxic to small wild mammals. Any spilled or exposed seeds must be incorporated into the soil or otherwise cleaned-up from the soil surface.”**

## 8.0 STORAGE

Ideal storage temperature is above freezing and below 30 °C. Repeated freeze-thawing of TREBUSET will not affect the physical integrity of the product. If the product should freeze, bring the product back to room temperature and ensure the contents are mixed well prior to application. Store this product away from food or feed.

## 9.0 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.

### **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 further use.

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

### **For Returnable Containers**

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### **For 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.

***IN CASE OF EMERGENCY INVOLVING A MAJOR SPILL, FIRE OR POISONING,  
CALL 1-800-327-8633 (FASTMED)***

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PAMPHLET

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Corn	Closed transfer system only	Closed transfer includes closed mixing, loading, calibrating and closed treatment equipment
	Treating	Wear chemical-resistant coveralls over a long-sleeved shirt and long pants, chemical-resistant gloves, socks and chemical-resistant footwear during mixing, loading, treating, calibrating, clean-up and repair activities. For good hygiene practice, it is also recommended to wear a NIOSH-approved N95 (minimum) filtering facepiece respirator (dust mask) that is properly fit tested during all job activities.
	Clean-up and repair activities	
	Bagging / Sewing / Stacking	Wear coveralls over 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 bagging, sewing seed bags, stacking and any other activities involving handling treated seeds.
<b>For Planting Treated Seeds</b>		
Corn	Planting	Wear 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.
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## 8.0 STORAGE

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## 9.0 DISPOSAL

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### **For 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.

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CALL 1-800-327-8633 (FASTMED)***

## **10.0 PRODUCT INFORMATION**

TREBUSET is a seed treatment product containing the fungicide pydiflumetofen for control or suppression of listed pathogens in corn . It is in a formulated suspension. Read all label directions before use. All applications must be made according to the use directions that follow.

Treatment of highly mechanically scarred or damaged seed, or seed known to be of low vigour and poor quality, except for the purpose of curative control of existing disease pests, may result in reduced germination, reduced emergence and/or reduction of seed and seedling vigour. Treat a small quantity of seed using equipment similar to that planned for treating the total seed lot. Conduct germination tests on a small portion of the seed before committing the total seed lot to a selected seed treatment. Due to seed quality and seed storage conditions beyond the control of Syngenta Canada Inc. no claims are made to guarantee the germination of carry-over treated seed.

## **11.0 DIRECTIONS FOR USE**

### **11.1 General Information**

TREBUSET is a seed treatment formulation for use on corn by commercial seed treatment (in facilities or with mobile treaters) using seed treatment equipment that accurately meters, mixes

and applies a flowable seed treatment. The equipment must provide uniform coverage of TREBUSET on the seed. Uneven seed coverage may not give the desired level of disease control. Allow the seed to dry before bagging, storing or seeding. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

For additional control of insects and diseases TREBUSET can be tank mixed with other registered seed treatment fungicides and insecticides at labelled rates when such use is permitted. When tank-mixes are permitted, read and observe all label directions, including rates and restrictions for each product used in the tank-mix. Follow the more stringent precautionary measures for mixing, loading and applying stated on both product labels.

In some cases, tank mixing a pest control product with another pest control product or a fertilizer can result in biological effects that could include, but are not limited to: reduced pest efficacy or increased host crop injury. The user should contact Syngenta Canada Inc. at 1-87-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca) for information before mixing any pesticide or fertilizer that is not specifically recommended on this label.

**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. Seed must be conspicuously coloured at the time of treatment.**

### 11.2 Mixing Instructions (Slurry Application)

Thoroughly mix the recommended amount of TREBUSET with the required amount of water for the slurry treater and dilution rate to be used. Slurry volumes will vary depending on seed size. Follow the manufacturer's application instructions for the seed treatment equipment being used. Maintain constant agitation of the slurry during the treatment.

## 12.0 CROP USE DIRECTIONS

### 12.1 Corn

CORN	
PEST	Control of seed rot and damping-off caused by soil-borne <i>Fusarium</i> spp.
RATE	0.013 – 0.065 mg ai/seed (5 - 25 g ai/100 kg seed or 10 - 50 mL product/100 kg seed)  In situations where higher disease pressure is expected, use the maximum rate.
PEST	Suppression of Corn Lesion Nematode ( <i>Pratylenchus</i> spp.)
RATE	0.4 – 0.5 mg ai/ seed (160 - 200 g ai/100 kg seed or 320 – 400 mL product/100 kg seed)  In situations where higher Lesion Nematode pressure is expected, use the maximum rate.
APPLICATION METHOD	Seed treatment
RESTRICTIONS	This product contains no colourant. An appropriate colourant must be added when this product is applied.

### 13.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, please note that TREBUSET contains a Group 7 fungicide. Any fungal population may contain individuals naturally resistant to TREBUSET and other Group 7 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 are specific for individual chemicals, such as enhanced metabolism, may also exist. Because resistance development cannot be predicted, the use of this product should conform to sound resistance management strategies established for the crop and use area.

#### **To delay fungicide resistance:**

Where possible, rotate the use of TREBUSET or other Group 7 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.

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.

Monitor treated fungal populations for resistance development. Notify Syngenta Canada Inc. if reduced sensitivity of the pathogen to TREBUSET is suspected.

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 target 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 crops and pathogens.

For further information or to report suspected resistance, contact company representatives at 1-87-SYNGENTA (1-877-964-3682) or at [www.syngenta.ca](http://www.syngenta.ca).

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