

**NUSTAR® FUNGICIDE**

20% DRY FLOWABLE

FOR USE ON APPLES FOR CONTROL OF APPLE SCAB AND POWDERY MILDEW

AGRICULTURAL

READ THE LABEL AND ATTACHED BROCHURE BEFORE USING

**GUARANTEE:** Flusilazole 20%

REGISTRATION NO. 25547 PEST CONTROL PRODUCTS ACT

PRECAUTIONS: KEEP OUT OF REACH OF CHILDREN

**NET CONTENTS:** 50 g – 5 kg

Warning, contains the allergen sulphites

E. I. DU PONT CANADA COMPANY  
AGRICULTURAL PRODUCTS  
P.O. BOX 2300, STREETSVILLE  
MISSISSAUGA, ONTARIO  
L5M 2J4  
1-800-667-3925

**PRECAUTIONS:**

- **KEEP OUT OF REACH OF CHILDREN**
- **WARNING – EYE IRRITANT.** Causes temporary eye injury. Do not get in eyes.
- When handling the product, wear goggles or a face shield.
- Harmful if swallowed or absorbed through the skin.
- Avoid contact with skin or clothing.
- Avoid breathing dust or spray mist.
- For worker protection during mixing, loading and application, wear a hat, long-sleeved shirt, long legged trousers or overalls and rubber gloves.
- Protective clothing should be laundered separately following application.

If this pest control product is to be used on a commodity that may be exported to the U.S. and you require information on acceptable residue levels in the U.S., visit CropLife Canada's website at: [www.croplife.ca](http://www.croplife.ca)

DO NOT APPLY BY AIR.

DO NOT APPLY WITHIN 30 METRES OF WATER BODIES USED AS DRINKING WATER SOURCES.

**FIRST AID:****EYE CONTACT:**

In case of contact, flush IMMEDIATELY with plenty of clean water for at least 15 minutes. Call a physician or poison control centre.

**SKIN CONTACT:**

Wash with soap and water. Remove and wash contaminated clothing before reuse.

**INHALATION:**

If large amounts are inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, give oxygen, and call a physician or poison control centre.

**INGESTION:**

No specific intervention is indicated. Consult a physician or contact a poison control centre.

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

For medical emergencies, call 1-800-441-3637 (24 hours).

**TOXICOLOGICAL INFORMATION:** No specific antidote is available. Treat symptomatically.

**ENVIRONMENTAL HAZARDS:**

Avoid exposure of bare non-vegetated soil during application of this product. Do not apply this product to terrain where there is a potential for surface runoff to enter aquatic systems. Do not contaminate water when cleaning the equipment or disposing of waste. Avoid overspray or drift to environmentally sensitive habitats such as ponds, wetlands, streams, woodlots and shelterbelts. A buffer zone of 5 meters should be established between areas to be sprayed and environmentally sensitive aquatic habitats.

**STORAGE:**

Do not contaminate water, food or feed by storage or disposal. Store product in original container only, away from fertilizer, food or feed. Not for use or storage in or around the home. Keep container closed. Keep away from heat, sparks and open flame.

**DISPOSAL:**

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 information on the disposal of the 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. The user assumes the risk to persons or property that arises from any such use of this product.

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**DIRECTIONS FOR USE:**

NUSTAR® Fungicide should be used only in accordance with recommendations on this label. The E. I. du Pont Canada Company will not be responsible for losses or damages resulting from the use of this product in any manner not specifically recommended by the E. I. du Pont Canada Company. User assumes all risks associated with such non-recommended use.

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**SPRAY PREPARATION:**

Add the required amount of NUSTAR® Fungicide to about one-half the necessary volume of water to spray tank agitated by hydraulic or mechanical means. Allow thorough mixing and finish filling tank with additional water.

Before full-scale mixing of NUSTAR® Fungicide with other pesticides, test mix small proportionate quantities of each to insure compatibility. Ensure that NUSTAR® Fungicide is fully dissolved in the tank before adding any other product to the tank.

**NUSTAR® FUNGICIDE plus MANZATE® DF or MANZATE® PRO-STICK™ FUNGICIDE:  
Apple Scab**

Apply 100 g NUSTAR® Fungicide plus 3.0 kg MANZATE® DF Fungicide or MANZATE® PRO-STICK™ Fungicide per hectare in sufficient water for thorough coverage. Begin applications at

the green tip to 15 mm (1/2 inch) green stages and repeat at 7 to 10 day intervals. Use the shorter interval on susceptible varieties or when environmental conditions are conducive to frequent infection periods. Do not apply more than 4 times per season. Do not apply within 77 days of harvest.

#### **NUSTAR® FUNGICIDE plus CAPTAN\*: Apple Scab**

Apply 100 g NUSTAR® Fungicide plus 3.0 kg CAPTAN\* 50 WP per hectare or 100 g NUSTAR® Fungicide plus 1.875 kg CAPTAN\* 80 WP or 100 g NUSTAR® Fungicide plus 2.0 kg of MAESTRO (CAPTAN\*) 75 DF per hectare in sufficient water for thorough coverage. Begin applications at the green tip to 15 mm (1/2 inch) green stages and repeat at 7 to 10 day intervals. Use the shorter interval on susceptible varieties or when environmental conditions are conducive to frequent infection periods. Do not apply more than 4 times per season. Do not apply within 77 days of harvest.

#### **NUSTAR® FUNGICIDE alone: Powdery Mildew**

In the absence of apple scab, apply 200 g NUSTAR® Fungicide per hectare in sufficient water for thorough coverage, beginning at the tight cluster to pink stages, and repeat at 10-12 day intervals. Use the shorter interval on susceptible varieties and where a high degree of foliage protection is desired. Do not apply more than 4 times per season. Do not apply within 77 days of harvest.

#### **NUSTAR® FUNGICIDE alone: Apple Scab and Powdery Mildew**

In areas where both diseases are present, apply 200 g NUSTAR® Fungicide per hectare in sufficient water for thorough coverage, beginning at the green tip to 15 mm green stages and repeat at 10 to 12 day intervals. Use the shorter interval on susceptible varieties or when environmental conditions are conducive to frequent infection periods. Do not apply more than 4 times per season. Do not apply within 77 days of harvest.

#### **CAUTION:**

Do not graze or feed forage or hay from treated orchards to livestock.

#### **RESISTANCE RECOMMENDATIONS:**

For resistance management, please note that NUSTAR® Fungicide contains a Group 3 fungicide. Any fungal population may contain individuals naturally resistant to NUSTAR® Fungicide 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:

- ◆ Where possible, rotate the use of NUSTAR® Fungicide or other Group 3 fungicides with different groups that control the same pathogens.
- ◆ Use tank mixtures with fungicides from a different group when such use is permitted.
- ◆ Fungicide use should be based on an IPM program that includes scouting, historical information related to pesticide use, and considers cultural, biological and other chemical control practices.
- ◆ Monitor treated fungal populations for resistance development. 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 IPM recommendations for specific crops and pathogens.

- ◆ For further information or to report suspected resistance, contact your local DuPont representative or the DuPont hotline at 1-800-667-3925 for further information.

**RE-ENTRY AND WORKER PROTECTION STATEMENTS:**

Entry into treated areas within 12 hours must be restricted. Individuals may re-enter treated areas within 12 hours if at least 4 hours have passed since application and the following personal protective equipment is worn: chemical-resistant gloves, long-sleeved shirt, long pants, hat and work boots. Do not apply this product in such a manner as to directly or through drift expose workers or other persons. Areas being treated must be vacated by unprotected persons.

**STORAGE:**

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