

GROUP	11	3	12	FUNGICIDES
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# STADIUM®

FUNGICIDE

SUSPENSION CONCENTRATE

COMMERCIAL - AGRICULTURAL

For control of post harvest storage diseases in potatoes and sweet potatoes.

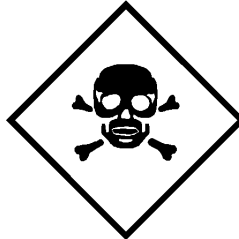
**ACTIVE INGREDIENTS:**

Azoxystrobin.....	143 g/L
Difenoconazole .....	112 g/L
Fludioxonil .....	143 g/L

Contains 2-bromo-2-nitropropane-1,3-diol at 0.03% as a preservative.

**READ THE LABEL AND ATTACHED BOOKLET BEFORE USING  
KEEP OUT OF REACH OF CHILDREN AND ANIMALS**

WARNING



POISON

REGISTRATION NO: **31050**  
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **0.5 – 1000 L**

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

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

## 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 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 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.

## 3.0 TOXICOLOGICAL INFORMATION

There is no specific antidote. Treat symptomatically.

## 4.0 PRECAUTIONS

Harmful or Fatal if swallowed.

**KEEP OUT OF REACH OF CHILDREN AND ANIMALS.** Keep unused product in original container tightly closed, locked up and away from food.

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.

Apply only when the potential for drift to areas of human habitation or areas of human activity, such as houses, cottages, schools and recreation areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment and sprayer settings.

## 5.0 PERSONAL PROTECTIVE EQUIPMENT (PPE)

Wear long pants, a long sleeved shirt, shoes and socks and chemical resistant gloves and goggles during mixing/loading, application, clean up or repair activities.

Wear chemical resistant gloves and coveralls when handling potatoes treated with STADIUM® Fungicide, such as during sorting/culling-related activities during potato processing.

Remove clothing/PPE 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 PPE. If no such instructions for washables exist, use detergent and hot water. Keep and wash PPE separately from other laundry.

All users should wash hands before eating, drinking, chewing gum, using tobacco, or using the toilet.

## 6.0 ENVIRONMENTAL PRECAUTIONS

This product is TOXIC to fish and aquatic organisms. DO NOT apply directly to water, to areas where surface water is present, or to intertidal areas below the mean high water mark. DO NOT allow contaminated waste water from the processing areas to enter lakes, streams, ponds or other waters.

Do not contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

## 7.0 STORAGE

STORE IN A COOL, DRY PLACE. To prevent contamination, store this product away from food or feed.

## 8.0 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 cleanup of spills.

### **For Returnable Containers**

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

### **For Refillable Containers**

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

STADIUM® is a trademark of a Syngenta Group Company.

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Pamphlet

## TABLE OF CONTENTS

	<u>Section Number</u>
NOTICE TO USER.....	1.0
FIRST AID .....	2.0
TOXICOLOGICAL INFORMATION.....	3.0
PRECAUTIONS .....	4.0
PERSONAL PROTECTIVE EQUIPMENT (PPE).....	5.0
ENVIRONMENTAL PRECAUTIONS .....	6.0
STORAGE .....	7.0
DISPOSAL .....	8.0
PRODUCT INFORMATION.....	9.0
DIRECTIONS FOR USE .....	10.0
General Information .....	10.1
Mixing Procedures .....	10.2
CROP USE DIRECTIONS .....	11.0
RESISTANCE MANAGEMENT .....	12.0

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## **9.0 PRODUCT INFORMATION**

STADIUM is a post-harvest treatment to be applied on potatoes and sweet potatoes immediately before storage to prevent storage diseases. Do not use on seed potatoes or on roots to be used for slip propagation. All applications must be made according to the use directions that follow.

**NOTE:** STADIUM Fungicide may be degraded by exposure to direct sunlight. Treated potatoes should not be stored in direct sunlight.

**FAILURE TO FOLLOW DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN CROP INJURY, POOR DISEASE CONTROL, AND/OR ILLEGAL RESIDUES.**

## **10.0 DIRECTIONS FOR USE**

### **10.1 General Information**

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.

### **10.2 Mixing Procedures**

Prepare only the amount of spray mixture that is needed for the immediate operation. Thoroughly clean spray equipment before using this product. Vigorous agitation is necessary for proper dispersal of the product. Maintain maximum agitation throughout the spraying operation. Do not let the spray mixture stand overnight in the spray tank. Flush the spray equipment thoroughly following each use and apply the rinsate to a previously treated area.

**STADIUM Alone**

1. Add ½-⅔ of the required amount of water to the spray or mixing tank.
2. With the agitator running, add STADIUM to the tank.
3. Continue agitation while adding the remainder of the water.
4. Begin application of the spray solution after STADIUM has completely dispersed into the mix water.
5. Maintain agitation until all of the mixture has been sprayed.
6. Label dosage rate must not be exceeded.
7. This product must not be mixed with any product which prohibits such mixing.

STADIUM treatments should be integrated into an overall disease management strategy that includes selection of varieties with disease tolerance, plant residue management, crop rotation, fungicide rotation and storage sanitation.

**11.0 CROP USE DIRECTIONS****NOT FOR USE IN GREENHOUSES APPLIED ALONE OR WITH ANY TANK MIX PARTNERS.**

Use STADIUM Fungicide as a post-harvest spray immediately before the storage of potatoes and sweet potatoes for the control of post-harvest diseases listed below:

<b>Crops</b>	<b>Potato (post harvest) (not for use on seed potatoes)</b>
<b>Diseases controlled</b>	Fusarium dry rot ( <i>Fusarium</i> spp.) Silver scurf ( <i>Helminthosporium solani</i> ) (Suppression only)
<b>Use rate mL product/tonne</b>	32.5
<b>Spray Solution</b>	Final spray solution of STADIUM and water should deliver an application rate of 2 L per metric tonne of potatoes
<b>Application Method</b>	In-line Aqueous Spray Application
<b>Remarks</b>	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the tubers. Tubers should be rotating along a conveyor line into storage, in a single layer to ensure proper coverage.</li> <li>• Tubers should be tumbling as they are treated. Mix the fungicide solution in an appropriate amount of water for the crop being treated. Users may notice a decrease in efficacy when Fusarium resistance to fludioxonil is prevalent in a field. Use T-jet, CDA, or similar application system.</li> </ul>
<b>Restrictions:</b>	<ol style="list-style-type: none"> <li>1. To be used on table and processing potatoes only. DO NOT apply on seed potatoes.</li> <li>2. DO NOT make more than one post-harvest application to the tubers.</li> </ol>

<b>Crops</b>	<b>Sweet potatoes (post harvest) (not for use on roots that will used for slip production)</b>
<b>Diseases controlled</b>	Fuzarium rots ( <i>Fusarium</i> spp.) Rhizopus rot ( <i>Rhizopus stolonifer</i> )
<b>Use rate mL product/tonne</b>	32.5
<b>Spray Solution</b>	Final spray solution of STADIUM and water should deliver an application rate of 2 L per metric tonne of sweet potatoes
<b>Application Method</b>	In-line Aqueous Spray Application
<b>Remarks</b>	<ul style="list-style-type: none"> <li>• Ensure proper coverage of the roots. Roots should be rotating along a conveyor line into storage, in a single layer to ensure proper coverage.</li> <li>• Roots should be tumbling as they are treated. Mix the fungicide solution in an appropriate amount of water for the crop being treated. Users may notice a decrease in efficacy when Fusarium resistance to fludioxonil is prevalent in a field. Use T-jet, CDA, or similar application system.</li> </ul>
<b>Restrictions:</b>	<ol style="list-style-type: none"> <li>1. DO NOT use on roots that will be used for slip production.</li> <li>2. DO NOT make more than one post-harvest application to the roots.</li> </ol>

## 12.0 RESISTANCE MANAGEMENT RECOMMENDATIONS

STADIUM contains three fungicides with different modes of action. Azoxystrobin is a strobilurin in Group 11. Fludioxonil is a phenylpyrrole in Group 12. Difenoconazole is a triazole fungicide in Group 3.

### To delay fungicide resistance:

Fungal pathogens can develop resistance to products with the same mode of action when used repeatedly. Because resistance development cannot be predicted, use of this product should conform to resistance management strategies established for the crop and use area. STADIUM Fungicide should not be alternated or tank mixed with any fungicide to which resistance has already developed.

For resistance management, do not apply to seed potatoes.

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 crop rotation 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, to which pathogen resistance has not developed.

Contact your local extension specialist or certified crop advisors for any additional pesticide resistance-management and/or IPM recommendations for specific crops and disease problems in your area.

For further information and 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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