

2012-2334
2012-10-02

GROUP	12	FUNGICIDE
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SCHOLAR™ 50WP FUNGICIDE

WETTABLE POWDER

COMMERCIAL

For control of post harvest diseases on stone and pome fruits and for disease control/suppression in ginseng.

GUARANTEE:

Fludioxonil..... 50.0%

**READ THE LABEL AND PAMPHLET BEFORE USING
KEEP OUT OF REACH OF CHILDREN**

This outer protective container contains SCHOLAR 50WP Fungicide in an inner water-soluble packet. This inner packet dissolves in water, allowing contents to wet. After opening outer container, immediately dump the unopened inner packet into the partially filled sprayer or mix tank. Do not handle the soluble packet or expose it to moisture, since this may cause rupturing. **DO NOT SELL THE WATER SOLUBLE BAG INDIVIDUALLY.**

REGISTRATION NUMBER: **28568**
PEST CONTROL PRODUCTS ACT

NET CONTENTS: **227 g – 1 kg**

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

Label

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.

FIRST AID

IN CASE OF POISONING, call a physician or 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/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 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 INHALED, move person to fresh air. If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably mouth-to-mouth if possible.

GENERAL: Never give anything by mouth to an unconscious person. Remove individual to a safe and uncontaminated area. Seek medical attention immediately if toxicity/irritation/etc persists or is severe. Have the product container or label with you when calling a poison control centre or doctor, or going for treatment.

TOXICOLOGICAL INFORMATION

There is no specific antidote known. Treat symptomatically.

PRECAUTIONS

KEEP OUT OF REACH OF CHILDREN. Hazards to Humans and Domestic Animals.

Avoid contact with eyes, skin, or clothing. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet. Wash thoroughly with soap and water after handling. Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Applicators and other handlers of the fungicide should wear chemical-resistant gloves made from any waterproof material, goggles, long-sleeve shirt, long pants, and shoes with socks, when mixing, loading and applying the product, and during clean-up and repair activities.

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.

Environmental Hazards

Observe buffer zones specified under DIRECTIONS FOR USE.

Fludioxonil is persistent and may carryover. It is recommended that any products containing fludioxonil not be used in areas treated with this product during the previous season.

To reduce runoff from treated areas into aquatic habitats avoid applications to areas with a moderate to steep slope, compacted soil, or clay.

Avoid application when heavy rain is forecast.

Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative buffer strip between treated area and the edge of the water body.

This product is toxic to fish and aquatic invertebrates. 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 fludioxonil contaminated waste water from the processing plants to enter lakes, streams, ponds or other waters.

USE ONLY ON CROPS AS LISTED ON THIS LABEL.

DO NOT APPLY BY AIR.

Physical or Chemical Hazards

Do not use or store near heat or open flame.

Do not eat, drink or smoke while mixing or during application. Change and wash clothing immediately after use. Wash hands and face before eating, drinking, smoking or using the toilet. Store and wash all protective clothing separately from household laundry. Wash in detergent and hot water before reuse.

Pesticide Storage

Store in original containers in a cool, dry place. Do not store this product under wet conditions. Handle outer container carefully to avoid breakage of inner water-soluble packets. Keep container closed when not in use. Do not store near food or feed. In case of spill on floor or paved surfaces, sweep and remove to chemical waste storage area until proper disposal can be made if product cannot be used according to the label. Take special care to avoid contamination of equipment and facilities during cleanup procedures and disposal of wastes.

If broken water-soluble packets are found when the overwrap bag is opened, avoid contact with, and inhalation of the product. Wear chemical resistant gloves and a dust mask and dispose of broken water-soluble packets according to the DISPOSAL section.

DISPOSAL OF UNUSED, UNWANTED PRODUCT

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.

CONTAINER DISPOSAL:

1. Empty bag thoroughly.
2. Make the empty bag unsuitable for further use.
3. Dispose of the bag in accordance with provincial requirements.

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

Product names marked ® or ™ are registered trademarks of a Syngenta Group Company

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PRODUCT INFORMATION

SCHOLAR 50WP Fungicide is a protective fungicide for control of post harvest diseases on stone and pome fruits and suppression/control of diseases in ginseng.

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

Thorough coverage is necessary to provide good disease control. Applications using sufficient water volume to provide thorough and uniform coverage generally provide the most effective disease control.

For ground application equipment, a minimum of 200 L of water per hectare is recommended.

To avoid spray drift, do not apply when conditions favour drift beyond the target area. Avoid spray overlap, as crop injury may occur.

Equip sprayers with nozzles that provide accurate and uniform application. Calibrate sprayer before use.

Water-soluble Packets

Add 1/3 of the required amount of water to the spray or mixing tank. With the agitator running, drop the required number of unopened soluble packets of SCHOLAR 50WP Fungicide into the tank all at once. Continue agitation while adding the remainder of the water. Allow the packets of SCHOLAR 50WP Fungicide to dissolve and the product to completely disperse into the mix water. **NOTE:** When preparing the solution, do not handle water soluble packets or expose them to moisture since this may cause rupturing.

DIRECTIONS FOR USE

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.

Field sprayer application: DO NOT apply during periods of dead calm. Avoid application of this product when winds are gusty. DO NOT apply with spray droplets smaller than the American Society of Agricultural Engineers (ASAE) fine classification. Boom height must be 60 cm or less above the crop or ground.

DO NOT apply by air.

DO NOT apply this product through any type of irrigation system.

Buffer zones:

Use the following spray methods or equipment **DO NOT** require a buffer zone: hand-held or backpack sprayer and spot treatment.

The buffer zones specified in the table below are required between the point of direct application and the closest downwind edge of sensitive freshwater habitats (such as lakes, rivers, sloughs, ponds, prairie potholes, creeks, marshes, streams, reservoirs, and wetlands), and estuarine / marine habitats.

Method of application	Crop	Buffer Zones (metres) Required for the Protection of Freshwater Habitat of Depths:	
		Less than 1 m	Greater than 1 m
Field sprayer	Ginseng	2	1

For tank mixes, consult the labels of the tank-mix partners and observe the largest (most restrictive) buffer zone of the products involved in the tank mixture and apply using the coarsest spray (ASAE) category indicated on the labels for those tank mix partners.

Use a pump with capacity to maintain the correct rated pressure for the nozzles selected. Maintain sufficient agitation to keep the mixture in suspension. Use a jet agitator, liquid sparge tube, or mechanical paddle for agitation. Do not air sparge.

It is suggested that screens be used to prevent nozzles from clogging. Screens placed after the tank and before the nozzles should be 50-mesh or coarser. Check nozzle manufacturer's recommendations.

For more information on spray equipment and calibration, consult sprayer manufacturers and provincial recommendations.

Use SCHOLAR 50WP Fungicide as a post-harvest dip and drench immediately before the storage of fruit for the control of the post-harvest diseases listed below:

Crops	Pests	Product Rate	
		Drench Application	Dip Application
Pome Fruit : Apple, Crabapple, Loquat, Mayhaw, Pear, Pear (oriental), Quince	Blue Mold (<i>Penicillium expansum</i>) Gray Mold (<i>Botrytis cinerea</i>)	Mix 227 g of product in 378 L of water, for the crop being treated. Can treat up to 90,000 kg of fruit.	Mix 227 g of product in 378 L of water, for the crop being treated. Dip for approximately 30 seconds and allow fruit to drain. Can treat up to 90,000 kg of fruit.

Crops	Pests	Product Rate	
		Drench Application	Dip Application
Stone Fruit : Apricot, Nectarine, Peach, Plum, Plum (Chickasaw), Plum (Damson), Plum (Japanese), Plumcot, Prune (fresh) as well as other cultivars of these. Note: This product is intended for use on plums meant for direct consumption; should not be used on plums intended for processing in to prunes.	Blue Mold <i>(Penicillium expansum)</i> Gray Mold <i>(Botrytis cinerea)</i> Brown Rot <i>(Monilinia fructicola)</i> Rhizopus Rot <i>(Rhizopus spp)</i>	Mix 227 g of product in 378 L of water, for the crop being treated. Can treat up to 90,000 kg of fruit.	Mix 227 g of product in 378 L of water, for the crop being treated. Dip for approximately 30 seconds and allow fruit to drain. Can treat up to 90,000 kg of fruit.
Cherries: Cherry (sweet), Cherry (tart) as well as other cultivars and hybrids of these		Mix 227 g of product in 378 L of water, for the crop being treated. Can treat up to 11,500 kg of fruit.	Mix 227 g of product in 378 L of water, for the crop being treated. Dip for approximately 30 seconds and allow fruit to drain. Can treat up to 11,500 kg of fruit.

NOTE: Do not make more than one post-harvest application to pome or stone fruit.

NOTE TO USER: READ THE FOLLOWING BEFORE USING THIS PRODUCT FOR THE INDICATED SPECIAL USE APPLICATIONS

The DIRECTIONS FOR USE for this product for the uses described below were developed by persons other than Syngenta Canada Inc. and accepted for registration by Health Canada under the User Requested Minor Use Label Expansion program. Syngenta Canada Inc. itself makes no representation or warranty with respect to performance (efficacy) and crop tolerance (phytotoxicity) claims for this product when used on the crops listed below.

Accordingly, the Buyer and User assumes all risks related to performance and crop tolerances arising, and agree to hold Syngenta Canada Inc. harmless from any claims based on efficacy or phytotoxicity in connection with the uses described below.

GINSENG		
DISEASES CONTROLLED	PRODUCT RATE	NOTES
<p>Root Rots - <i>Rhizoctonia solani</i> (control) and <i>Cylindrocarpon destructans</i> (suppression)</p> <p>Alternaria Blight (<i>Alternaria panax</i>) and Botrytis Blight (<i>Botrytis cinerea</i>)</p>	280-560 g/ha	<p>Apply by broadcast ground application in sufficient water volume to obtain thorough coverage and penetration to the soil and root zone.</p> <p>Apply on a 14 to 21 day interval.</p> <p>DO NOT apply within 14 days of harvest.</p> <p>DO NOT exceed 1680 g product/ha per season.</p> <p>DO NOT make more than 3 applications per season.</p> <p>DO NOT APPLY BY AIR.</p> <p>Do not enter or allow worker entry into treated areas during the restricted entry interval (REI) of 12 hours.</p>

RESISTANCE MANAGEMENT RECOMMENDATIONS

For resistance management, SCHOLAR 50WP Fungicide contains a Group 12 Fungicide. Any fungal population may contain individuals naturally resistant to SCHOLAR 50WP Fungicide and other Group 12 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 SCHOLAR 50WP Fungicide or other Group 12 fungicide with different groups that control the same pathogens.

Do not apply more than the maximum number of applications listed in the label.

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 sign of 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/or IPM recommendations for specific crops and disease problems in your area.

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

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