

PMRA annotated - MC



GROUP 9 FUNGICIDE

NET CONTENTS:  
2, 10 LITRES to BULK

SCALA (TM) SC FUNGICIDE

FOR EMERGENCY USE ONLY

SUPPLEMENTAL LABEL FOR EMERGENCY USE OF  
SCALA SC FUNGICIDE

For sale and use in British Columbia for control of *Botrytis* storage disease and suppression of *Penicillium* storage disease on apples until October 31, 2008.

COMMERCIAL

CAUTION – POISON (SYMBOL REQUIRED HERE)

CAUTION – SKIN IRRITANT

TRIPLE [SYMBOL] RINSE

REGISTRATION NUMBER: 28011  
PEST CONTROL PRODUCTS ACT

GUARANTEE:  
Pyrimethanil 400 g/L

Contains 1, 2-benzisothiazolin-3-one at 0.017% as a preservative.  
Warning, contains the allergen sulfites.

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

PB  
19-08-08

Bayer CropScience Inc.  
#100-3131, 114<sup>th</sup> Avenue SE  
Calgary, AB T2Z 3X2

For product information and in case of spills, poisoning, fire or other emergencies,  
call: 1-888-283-6847

# SCALA® SC FUNGICIDE

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## FOR MORE INFORMATION CONTACT:

**Bayer CropScience Inc.**  
**#100-3131-114<sup>th</sup> Avenue SE**  
**Calgary, AB T2Z 3X2**

## GENERAL INFORMATION

### Section 1: The Product

#### THE PRODUCT:

- For control of storage disease caused by *Botrytis* and suppression of storage disease caused by *Penicillium* on apples.
- SCALA<sup>®</sup> SC FUNGICIDE is a systemic fungicide that is effective on the above noted diseases. SCALA<sup>®</sup> SC FUNGICIDE is best suited for use in a preventative treatment program.

## SAFETY AND HANDLING

### Section 2: Precautions, Protective Clothing and Equipment, and Re-entry Restriction.

#### PRECAUTIONS:

- KEEP OUT OF REACH OF CHILDREN
- DO NOT apply by air.
- Harmful if inhaled. Avoid inhaling/breathing sprays.
- May irritate the skin. Avoid contact with skin, eyes and clothing.
- 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 labels.
- 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, application equipment and sprayer settings.
- Wash thoroughly with soap and water after handling and before eating, drinking, or smoking.
- If product comes in contact with clothing, remove all contaminated clothing, wash skin with soap and water and dress in clean clothing. Launder applicator clothing separate from other laundry.
- If this pest control product is to be used on a commodity that may be exported to the United States and you require information on acceptable residue levels in the United States, visit CropLife Canada's web site at [www.croplife.ca](http://www.croplife.ca).

#### PROTECTIVE CLOTHING AND EQUIPMENT:

- During mixing, loading, clean-up and repair activities, workers must wear long pants, long-sleeved shirts, boots, chemical resistant gloves and safety goggles or a face shield.
- Applicators must wear long pants, long-sleeved shirts and boots.

**RE-ENTRY RESTRICTION:**

- DO NOT enter, or allow worker reentry, within 24 hours after application to carry out hand thinning activities.

**Section 3: First Aid and Toxicological Information****FIRST AID:****General:**

Never give anything by mouth to an unconscious person. Remove individual(s) to a safe and uncontaminated area. Seek medical attention IMMEDIATELY if toxicity and/or irritation persists or is severe. **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 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.

**TOXICOLOGICAL INFORMATION:**

- Treat symptomatically. Medical Personnel should contact Bayer's Medical Information Services, Toll-Free: 1-800-334-7577.

**Section 4: Environmental Hazards****ENVIRONMENTAL HAZARDS:**

- TOXIC to aquatic organisms. Observe buffer zones specified under DIRECTIONS FOR USE.
- To reduce runoff from treated area into aquatic habitats, avoid application to areas with a moderate to steep slope, compacted soil, or clay.
- Avoid application of this product when heavy rain is forecast.
- Contamination of aquatic areas as a result of runoff may be reduced by including a vegetative strip between the treated area and the edge of the water body.
- DO NOT apply this product through any type of irrigation system.

## **Section 5: Storage**

### **STORAGE:**

- Do not contaminate water, food, or feed by storage or disposal.
- CANNOT BE STORED BELOW FREEZING.
- If stored for 1 year or longer, shake well before using.
- Store the tightly closed container away from feeds, seeds, fertilizer, plants and foodstuffs.
- Do not use or store in or around the home.
- Keep the product in the original container during storage.
- In case of fire, leaking or damaged containers, call toll free 1-800-334-7577.

## **Section 6: Disposal**

### **Recyclable Container 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.

### **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 cleanup of spills.

### **Disposal of Unused Spray Solution:**

If any spray solution remains in the tank after spraying is finished, it should be sprayed on the perimeter of the area just sprayed, away from water supplies, ditches, and irrigation canals.

## **DIRECTIONS FOR USE**

### **Section 7: Application Information and Precautions**

#### **APPLICATION INFORMATION:**

Thorough coverage of all plant parts to be protected is essential for good disease control. Use sufficient water volume and spray pressure to provide thorough and uniform coverage for optimum disease control.

Apples – Apply SCALA® SC FUNGICIDE in a minimum spray volume of 1000 L/ha.

**APPLICATION PRECAUTIONS:**

Airblast application: **DO NOT** apply during periods of dead calm. Avoid application of this product when winds are gusty. **DO NOT** direct spray above plants to be treated. Turn off outward pointing nozzles at row ends and outer rows. **DO NOT** apply when wind speed is greater than 16 km/h at the application site as measured outside of the treatment area on the upwind side.

**DO NOT** apply by air.

**Buffer Zones:**

Use of 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).

Method of application	Crop		Buffer Zones (metres) Required for the Protection of Freshwater Habitat of Depths:	
			Less than 1 m	Greater than 1 m
Airblast	Apple	Late growth stage	5	1

**ROTATIONAL CROP RESTRICTIONS:**

Wheat may be planted 30 days following the application of SCALA® SC FUNGICIDE. For all other crops not listed on the SCALA® SC FUNGICIDE label, a plant-back interval of 130 days must be observed.

**Section 8: Crop, Disease, Rate, Timing**

CROP	DISEASE	RATE	TIMING
Apple	Storage diseases:  Control of Botrytis  Suppression of Penicillium	SCALA® SC FUNGICIDE applied alone. Apply a single application of SCALA® SC FUNGICIDE at 1.5 to 2.0 L/ha. Use the higher rate if there is a history of high disease pressures in the field or storage facility.	Apply 2 weeks before harvest. PHI of 14 days.

## Section 9: Resistance Management

### RESISTANCE MANAGEMENT RECOMMENDATIONS:

For resistance management, SCALA® SC FUNGICIDE contains a Group 9 fungicide. Any fungal population may contain individuals naturally resistant to SCALA® SC FUNGICIDE and other Group 9 fungicides. A gradual or total loss of disease control may occur over time if these fungicides are used repeatedly in the same field. 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 SCALA® SC FUNGICIDE or other Group 9 fungicides with different groups that control the same pathogens. Use tank mixtures with fungicides from a different group when such use is permitted.
- For *Botrytis* control, follow the Fungicide Resistance Action Committee (FRAC) guidelines:
  - Always alternate applications of SCALA SC FUNGICIDE or other Group 9 fungicides with fungicides having a different mode of action (different Group).
  - In situations where 3 to 6 *Botrytis* treatments are made per crop and season, a maximum of 2 applications of SCALA SC FUNGICIDE or any other Group 9 fungicide are recommended. In situations where 7 or more *Botrytis* treatments are made per crop and season, a maximum of 3 applications of SCALA SC FUNGICIDE or any other Group 9 fungicide are recommended.
- Avoid consecutive applications of SCALA® SC FUNGICIDE or other Group 9 fungicides in a season. Alternate applications with fungicides having a different mode of action.
- 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, 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 and to report suspected resistance, contact a Bayer CropScience representative at 1-888-283-6847 or at [www.bayercropscience.ca](http://www.bayercropscience.ca).

## Section 10: Mixing Instructions

### MIXING INSTRUCTIONS:

SCALA® SC FUNGICIDE must be applied with properly calibrated, clean equipment. Prior to adding SCALA® SC FUNGICIDE to the spray tank, ensure that the spray tank is thoroughly clean.

- Add one-half of the required amount of water to the spray or mixing tank and start agitation.
- Add the required quantity of SCALA® SC FUNGICIDE to the water and complete filling with water to the required total volume.
- Maintain agitation throughout mixing and spraying.

#### **Section 11: Preharvest Intervals (PHI)**

- Pre-harvest Intervals:  
Apple (late season application) 14 day

#### **Section 12: Notices**

##### **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.

##### **FOR MORE INFORMATION CONTACT:**

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