

PMRA Approved Label, JL
2022-3553
2023-11-14

GROUP	M 02	FUNGICIDE
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CERASULFUR®
Suspension Concentrate Fungicide

For the Control or Suppression of Powdery Mildew in Listed Greenhouse and Terrestrial
Crops and Septoria Tritici Blotch in Wheat

COMMERCIAL

READ THE LABEL BEFORE USING
KEEP OUT OF REACH OF CHILDREN

ACTIVE INGREDIENT: Sulfur 700g/L
Contains Bronopol at 1.69 g/L as a preservative

CAUTION - EYE IRRITANT

POTENTIAL SKIN SENSITIZER

REGISTRATION NO: XXXXX PEST CONTROL PRODUCTS ACT

Net Contents: 1L – 1000L

Andermatt Canada Inc.
1350 Regent Street
Fredericton, New Brunswick, E3C 2G6
Tel: 1-888-870-6444

Batch Number:
Date of Manufacture:

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PRECAUTIONS:

KEEP OUT OF REACH OF CHILDREN. Potential skin sensitizer. May irritate eyes. Avoid breathing spray mist. Avoid contact with skin, eyes or clothing. Wear a long-sleeved shirt, long pants, waterproof gloves, socks and shoes during mixing, loading, application, clean-up and repair. In addition, wear protective eyewear (goggles or face shield) during mixing, loading, clean-up and repair. A NIOSH-approved respirator is also required during application on greenhouse crops. Wash thoroughly with soap and water after handling the product. Remove contaminated clothing and follow manufacturer's directions for cleaning/maintaining personal protective equipment (PPE) before reuse.

Preharvest Interval (PHI): DO NOT harvest tomatoes, cucumbers, grapes not used for wine, wheat (winter and spring), peas, and beans within 1 day after application.

DO NOT harvest grapes used for wine within 21 days after application.

Apply only to agricultural crops when the potential for drift to areas of human habitation and human activity, such as houses, cottages, schools and recreational areas, is minimal. Take into consideration wind speed, wind direction, temperature inversions, application equipment, and sprayer settings. Do not apply when temperatures are over 30°C.

Restricted-Entry Interval (REI): DO NOT enter or allow worker entry into treated areas for 24 hours or until sprays have dried.

If early entry is necessary, individuals must wear appropriate personal protective equipment including waterproof gloves, long-sleeved shirt, long pants, and socks with shoes.

FIRST AID:

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.

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

TOXICOLOGICAL INFORMATION

Treat symptomatically.

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ENVIRONMENTAL PRECAUTIONS

TOXIC to aquatic organisms. Observe spray buffer zones specified under DIRECTIONS FOR USE

To reduce runoff from treated areas into aquatic habitats avoid application 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 filter strip between the treated area and the edge of the water body.

STORAGE: This product should be used within 24 months from the date of manufacture when stored at 5°C. Store container upright and keep tightly closed when not in use. Shake vigorously to re-suspend contents immediately prior to addition in water.

Store this product away from food or feed.

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 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.

GENERAL INFORMATION:

CeraSulfur is a low dose micronized bio-sulfur fungicide that directly protects against powdery mildew on greenhouse tomato, greenhouse cucumber, grape, pea and bean, and septoria tritici blotch on wheat. It provides direct protection against fungal diseases and is applied as foliar applications. CeraSulfur is suited for integrated pest management programs and organic farming.

DIRECTIONS FOR USE

As this product is not registered for the control of pests in aquatic systems, DO NOT use to control aquatic pests.

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DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes.

DO NOT allow releases, effluent or runoff from greenhouses containing this product to enter lakes, streams, ponds or other waters.

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 S572.1) fine classification. Boom height must be 60 cm or less above the crop or ground.

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.

Read and understand the entire label before opening this product. If you have questions call the supplier at 1-888-870-6444 or obtain technical advice from the distributor or your provincial agricultural representative.

SPRAY BUFFER ZONES

A spray buffer zone is NOT required for:

- uses with hand-held application equipment permitted on this label,
- low-clearance hooded or shielded sprayers that prevent spray contact with crop, fruit or foliage.

The spray 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	Spray Buffer Zones (metres) Required for the Protection of Aquatic Habitat	
Field sprayer	Pea and Bean	0	
	Wheat (winter and spring)	1	
Airblast	Grape	Early growth stage	2
		Late growth stage	1

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When tank mixes are permitted, consult the labels of the tank-mix partners and observe the largest (most restrictive) spray 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.

The spray buffer zones for this product can be modified based on weather conditions and spray equipment configuration by accessing the Spray Buffer Zone Calculator on the Pesticides portion of the Canada.ca website.

Application Table

Crop	Disease Controlled or Suppressed	Rate (L/ha)	Comments
Greenhouse tomato	Control of powdery mildew (<i>Oidium neolycopersici</i>)	2 – 8	Begin applications before or at onset of infection. Use the higher rate when disease pressure is high. Apply in sufficient water volume to ensure thorough coverage.
Greenhouse cucumber	Control of powdery mildew (<i>Podosphaera xanthii</i> , syn. <i>Sphaerotheca fuliginea</i>)	1.3 – 5.3	Make 6 applications per crop cycle at a 7-day interval. Pre-harvest interval (PHI): One day prior to harvest.
Grape	Control of powdery mildew (<i>Erysiphe necator</i> , syn. <i>Uncinula necator</i>)	2 – 10	Begin applications before or at onset of infection. Use the higher rate when disease pressure is high. Apply in sufficient water volume to ensure thorough coverage. Make 10 applications per year at a 7–10-day interval. Pre-harvest interval (PHI): 21 days for grapes for wine. Restrictions: Do not use CeraSulfur on Corcord, Foch, de Chaunac, Van Buren and other sulphur sensitive varieties.
Wheat (winter and spring)	Suppression of septoria tritici blotch (<i>Zymoseptoria tritici</i> , syn. <i>Septoria tritici</i>)	2 – 10	Begin applications before or at onset of infection. Use the higher rate when disease pressure is high. Apply in sufficient water volume to ensure thorough coverage. Make 5 applications per year at a 7–10-day interval. Pre-harvest interval (PHI): One day prior

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			to harvest.
Pea and bean	Suppression / control of powdery mildew (<i>Podosphaera fusca</i> , <i>Erysiphe pisi</i>)	0.5 – 1.5	CeraSulfur suppresses powdery mildew at low rate but controls the disease at high rate. Begin applications before or at onset of infection. Use the higher rate when disease pressure is high. Apply in sufficient water volume to ensure thorough coverage. Make 3 applications per year at a 7–10-day interval. Pre-harvest interval (PHI): One day prior to harvest.

SHAKE BEFORE USE!

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 a control product in a way that is inconsistent with the directions on the label.