

2017-1597  
2017-03-30

[FRONT PANEL - ENGLISH]

**MIRACLE-GRO® GARDEN DEFENSE™**  
**GARDEN DISEASE CONTROL READY-TO-USE**

COPPER FUNGICIDE

DOMESTIC  
SOLUTION

For use on ornamentals, flowering plants, fruits & vegetables  
Biodegradable  
For use outdoors and in greenhouses

READ THE LABEL BEFORE USING  
KEEP OUT OF REACH OF CHILDREN

GUARANTEE:  
Copper, present as copper octanoate and related copper compounds  
... 0.0178%

REG. NO. : 32459 PCP ACT

100 mL - 1 L

Scotts Canada Ltd.  
2000 Argentia Road  
Plaza #2, Suite 300  
Mississauga, Ontario  
L5N 1V8  
1-800-668-5669

Made and printed in U.S.A.

Peel back for instructions  
Press to reseal

[BACK PANEL - ENGLISH]

- Dormant and growing season liquid copper fungicide.
- Controls many plant diseases using low concentrations of copper.
- Biodegradable - Decomposes to a form useful to plants & microbes.
- Do not apply within one day of harvest.

**DIRECTIONS FOR USE:**

DO NOT apply this product in a way that will contact adults, children or pets, either directly or through drift. DO NOT contaminate irrigation or drinking water supplies or aquatic habitats by cleaning of equipment or disposal of wastes. DO NOT apply to any body of water. Avoid application of this product when winds are gusty.

The standard application rate for the listed species is 1 L of Miracle-Gro® Garden Defense Garden Disease Control Ready-to-Use per 10 m<sup>2</sup>. Spray all plant surfaces thoroughly. For best control, begin treatment 2 weeks before disease normally appears or when weather forecasts predict a long period of wet weather. Alternatively, begin treatment when disease first appears. For outdoor flowers and ornamentals, do not exceed 10 applications per year. If possible, time applications so that 12 hours of dry weather follow application.

If concerned about sensitivity of plants, apply to individual plants or small areas of plants and wait to determine if plant damage occurs prior to treatment of larger areas.

<b>ORNAMENTALS (OUTDOOR AND GREENHOUSE)</b>		
<b>Plant</b>	<b>Application Rate and Notes</b>	<b>Diseases Controlled or Suppressed</b>
Greenhouse and outdoor ornamental shrubs and flowering plants ( such as rose, hollyhock, hydrangea, crape myrtle)	Apply 1 L product/10 m <sup>2</sup> . Re-apply using 5-10 day intervals.  May cause copper toxicity on some rose varieties. Copper toxicity appears as purple spots.  In damp cool conditions (below 18°C), phytotoxicity is likely to occur with the use of Miracle-Gro® Garden Defense Garden Disease Control Ready-to-Use.	Corynespora leaf spot - Suppression Powdery mildew Rust Bacterial blight Fire blight Coryneum blight
Rose		Black spot Powdery mildew Rust
Crape Myrtle		Cercospora leaf spot - Suppression

--	--	--

<b>VEGETABLES, FRUITS, NUTS and BERRIES</b>		
<b>Plant</b>	<b>Application Rate and Notes</b>	<b>Diseases Controlled or Suppressed</b>
Root and Tuber Vegetables (Garden beet, Potatoes, Sugar Beet)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Early blight on potato Late blight on potato Septoria leaf spot on potato Cercospora leaf spot on beet and sugar beet
Bulb Vegetables (Chives, Garlic, Leek, Onion, Shallot)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Downy mildew Botrytis leaf blight Soft rot
Celery	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Cercospora (early) blight Septoria (late) blight
Brassica Leafy Vegetables (Bok choy, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kale)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.  For Brussels sprouts, do not exceed 10 applications per year.	Black rot - Suppression
Legumes (Bean, Pea, Soybean)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Ascochyta blight Halo blight Common blight Brown spot Powdery mildew Rust
Fruiting Vegetables (Eggplant, Peppers, Tomatoes)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Early blight Late blight Septoria leaf spot Bacterial speck Bacterial leaf spot Bacterial canker
Cucurbits (Cucumbers, Cantaloupe, Melon, Squash, Pumpkin, Zucchini)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.	Powdery mildew Downy mildew Alternaria leaf blight Anthracnose Angular leaf spot Bacterial wilt Septoria leaf spot
Pome Fruit Trees (Apple, Pear)	Apply 1 L product/10 m <sup>2</sup> Re-apply using 5-10 day intervals.  Do not exceed 10 applications per year.  For fire blight control, apply Miracle-Gro® Garden Defense Garden Disease Control Ready-to-Use in the dormant period, during bloom, or in-season cover spray applications.  <b>Do not apply to light-skinned apples after fruit has formed or russetting</b>	Fire blight Scab

	may occur.	
--	------------	--

<p>Stone Fruit Trees (Apricot, Cherry, Nectarine, Peach, Plum)</p>	<p>Apply 1 L product/10 m<sup>2</sup> Re-apply using 5-10 day intervals.</p> <p>For peaches, do not exceed 5 applications per year.</p> <p>For nectarines, do not exceed 10 applications per year.</p> <p>For bacterial canker, apply as a dormant spray as buds begin to swell, repeating at the bud burst stage, and weekly thereafter as needed, up to six sprays. In the fall spray again at 10% and 80% leaf fall. For brown rot blossom blight apply full cover spray at delayed dormant (bud swell), popcorn, full bloom and petal fall stages. During wet weather additional bloom sprays may be necessary.</p> <p>Apply to leaf and fruit spot, Coryneum blight, and peach leaf curl as a dormant spray in late fall during a period of dry weather.</p>	<p>Peach leaf curl Bacterial spot Coryneum blight Bacterial canker Brown rot Leaf and fruit spot</p>
<p>Small Fruits (Blackberry, Blueberry, Currant, Gooseberry, Raspberry, Strawberry)</p>	<p>Apply 1 L product/10 m<sup>2</sup></p> <p>Apply at the start of flowering and continue every 7 to 10. Do not apply within 1 day of harvest.</p> <p>For strawberries, spray 1 month after planting (or before flowering on established plants) and twice more at 7 day intervals.</p>	<p>Powdery mildew on strawberry Rust on currant and gooseberry Bacterial blight on raspberry, blackberry and blueberry</p>

**PRECAUTIONS :**

KEEP OUT OF REACH OF CHILDREN. Use only in well ventilated areas. For good hygiene practice, wear gloves when handling this product. Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.

DO NOT allow adults, children or pets to enter the treated area until sprays have dried.

**TOXICOLOGICAL INFORMATION:**

Treat symptomatically.

**ENVIRONMENTAL HAZARDS:**

TOXIC to birds, small wild mammals and aquatic organisms. 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 strip between the treated area and the edge of the water body.

**FIRST AID:**

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

**STORAGE:**

Store in original container in a cool, dry, well ventilated area. To prevent contamination store this product away from food or feed. Protect from freezing.

**DISPOSAL/DECONTAMINATION:**

DO NOT reuse the empty containers. Dispose in household garbage. Unused or partially used products should be disposed at provincially or municipally designated hazardous waste disposal sites.

**Scotts No-Quibble Guarantee®**

If for any reason you are not satisfied after using this product, please call our customer service line at the number below for a full refund with proof of purchase.

Questions, Comments or Medical Information:  
Call 1-800-668-5669 or visit our Website at [www.scotts.ca](http://www.scotts.ca)

® used under license by Scotts Canada Ltd.  
™ used under license by Scotts Canada Ltd.  
©2017 Scotts Canada Ltd. World rights reserved.



Manufactured under a license of W. Neudorff GmbH KG