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2017-03-30

[FRONT PANEL - ENGLISH]

**MIRACLE-GRO® GARDEN DEFENSE™
GARDEN DISEASE CONTROL CONCENTRATE**

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 1.8%

REG. NO.: 32486 PCP ACT

100 mL - 1 L

Scotts Canada Ltd.
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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 rate for the listed species is 1 part Miracle-Gro® Garden Defense Garden Disease Control Concentrate in 50 (2%) to 200 (0.5%) parts water applied at 4.7 - 9.4 L per 100 m². Spray all plant surfaces thoroughly, not exceeding 100 mL of diluted spray per 1 m². 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. Apply at the higher rate every 7 days or fewer following heavy rain or when the amount of disease is increasing rapidly. 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.

ORNAMENTALS (OUTDOOR AND GREENHOUSE)		
Plant	Application Rate and Notes	Diseases Controlled or Suppressed
Greenhouse and outdoor ornamental shrubs and flowering plants (such as rose, hollyhock, hydrangea, crape myrtle)	Re-apply using 5-10 day intervals. May cause copper toxicity on some rose varieties. Copper toxicity appears as purple spots. For black spot, use a 1% solution. In damp cool conditions (below 18°C), phytotoxicity is likely to occur with the use of MIRACLE-GRO® GARDEN DEFENSE GARDEN DISEASE CONTROL CONCENTRATE.	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

VEGETABLES, FRUITS, NUTS and BERRIES		
Plant	Application Rate and Notes	Diseases Controlled or Suppressed
Root and Tuber Vegetables (Garden beet, Potatoes, Sugar beet)	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)	Re-apply using 5-10 day intervals.	Downy mildew Botrytis leaf blight Soft rot
Celery	Re-apply using 5-10 day intervals. Use higher rate when disease pressure is high.	Cercospora (early) blight Septoria (late) blight
Brassica Leafy Vegetables (Bok choy, Broccoli, Brussels sprouts, Cabbage, Cauliflower, Kale)	Re-apply using 5-10 day intervals. For Brussels sprouts, do not exceed 10 applications per year.	Black rot - Suppression
Legumes (Bean, Pea, Soybean)	Re-apply using 5-10 day intervals.	Ascochyta blight Halo blight Common blight Brown spot Powdery mildew Rust
Fruiting Vegetables (Eggplant, Peppers, Tomatoes)	Re-apply using 5-10 day intervals.	Early blight Late blight Septoria leaf spot Bacterial speck Bacterial leaf spot

		Bacterial canker
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<p>Cucurbits (Cucumbers, Cantaloupe, Melon, Squash, Pumpkin, Zucchini)</p>	<p>Re-apply using 5-10 day intervals.</p>	<p>Powdery mildew Downy mildew Alternaria leaf blight Anthracnose Angular leaf spot Bacterial wilt Septoria leaf spot</p>
<p>Pome Fruit Trees (Apple, Pear)</p>	<p>Re-apply using 5-10 day intervals. Do not exceed 10 applications per year.</p> <p>Do not exceed the 1% rate for apple varieties susceptible to russetting.</p> <p>For fireblight control, apply MIRACLE-GRO® GARDEN DEFENSE GARDEN DISEASE CONTROL CONCENTRATE in the dormant period, during bloom, or in-season cover spray applications.</p> <p>NOTICE: MIRACLE-GRO® GARDEN DEFENSE GARDEN DISEASE CONTROL CONCENTRATE as used in this recommendation may cause russetting of light coloured apple varieties. Use a 0.8% solution when fruit is present.</p>	<p>Fire blight Scab</p>
<p>Stone Fruit Trees (Apricot, Cherry, Nectarine, Peach, Plum)</p>	<p>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>Peach leaf curl Bacterial spot Coryneum blight Bacterial canker Brown rot Leaf and fruit spot</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.	
Small Fruits (Blackberry, Blueberry, Currant, Gooseberry, Raspberry, Strawberry)	Apply at the start of flowering and continue every 7 to 10 days. Do not apply within 1 day of harvest. For strawberries, spray 1 month after planting (or before flowering on established plants) and twice more at 7 day intervals.	Powdery mildew on strawberry Rust on currant and gooseberry Bacterial blight on raspberry, blackberry, and blueberry

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

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