



Bayer CropScience
P.O. Box 12014
2 T.W. Alexander Drive
Research Triangle Park, North Carolina 27709
1-866-99BAYER (1-866-992-2937)
<http://www.bayercropscienceus.com>

Reason® 500 SC Fungicide

EPA Reg. No. 264-695

Use Directions: Various Crops

Supplemental Label

REASON® 500 SC FUNGICIDE

DIRECTIONS FOR USE

It is a violation of Federal law to use this product in a manner inconsistent with its labeling. Read this label and the product package label before using this product. This Supplemental Label must be in possession of the user at the time of pesticide application. Follow all applicable directions, restrictions, Worker Protection Standard requirements, and precautions on the registered product label for Reason® 500 SC Fungicide.

User Safety Recommendations

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.
- Remove PPE immediately after handling this product. Wash the outside of gloves before removing. As soon as possible, wash thoroughly and change into clean clothing.

GENERAL INFORMATION

REASON 500 SC Fungicide is a broad-spectrum foliar fungicide for control of certain plant diseases of potatoes and other tuberous and corn vegetables, root vegetables (except radish and sugar beet), leafy vegetables, brassica vegetables, carrots, onions and other bulb vegetables, cucurbit crops, fruiting vegetables, and grapes. See use directions for list of all crops approved for use. Use of REASON 500 SC Fungicide should be integrated into an overall disease, pest management, or IPM program. Do not use on crops grown in greenhouses. REASON 500 SC Fungicide may be used with disease forecasting or Extension advisory programs which recommend application timings based on environmental factors favorable to disease development. Consult with your local agricultural authorities for additional IPM strategies established for your area. The higher rates in the rate range or shorter spray intervals may be required under conditions of heavy infection pressure, highly susceptible varieties, or when disease conducive environmental conditions exist. FAILURE TO FOLLOW THE DIRECTIONS AND PRECAUTIONS ON THIS LABEL MAY RESULT IN ILLEGAL RESIDUES, POOR DISEASE CONTROL, AND/OR CROP INJURY.

Applications may be made at the longer spray intervals under low to moderate disease pressure. When environmental conditions are conducive for disease development, when disease has been detected in the area, or under moderate to high disease pressure, the shorter application interval and the higher rates are recommended.

ROTATIONAL CROP RESTRICTION

Registered crop uses (brassica vegetables, carrots, cucurbits, fruiting vegetables, grapes, leafy vegetables, onions and other listed bulb vegetables, potatoes, other listed tuberous and corn vegetables, and root vegetables (except radish and sugar beet), may be replanted immediately following the last application of REASON 500 SC Fungicide. Do not plant corn, soybeans, strawberries or wheat for 30 days, sugar beets for 7 months, and all other crops (those not listed above) for one year following the last application of REASON 500 SC Fungicide.

BRASSICA (COLE) LEAFY VEGETABLES

(Broccoli, Broccoli (Chinese, gai lon), Broccoli raab (rapini), Brussels sprouts, Cabbage, Cabbage Chinese (bok choy), Cabbage Chinese (Napa), Cabbage Chinese mustard (gai choy), Cauliflower, Cavalo broccolo, Collards, Kale, Kohlrabi, Mizuna, Mustard greens, Mustard spinach, Rape greens), Turnip greens

HOW TO USE	DISEASE	USE RATE	COMMENTS
Apply using ground equipment, chemigation, or by air. Under conditions favorable for disease development, shorten the spray intervals and/or switch to the higher rate for improved control.	Downy mildew <i>(Peronospora parasitica)</i>	fl oz/A 5.5 – 8.2 lb. ai/A 0.178 – 0.267	For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Applications should be made on a 5 -10 day interval depending upon disease conditions. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area.
	Cercospora leaf spot <i>(Cercospora brassicicola - Suppression Only)</i>	fl oz/A 8.2 lb. ai/A 0.267	
	White rust <i>(Albugo candida)</i> Alternaria leaf spot <i>(Alternaria spp.)</i>		
Restrictions: Do not apply more than 24.6 fl oz of REASON 500 SC Fungicide (0.80 lb. ai/A) per growing season to brassica vegetables. Do not apply within 2 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group.			

CARROT

HOW TO USE	DISEASE	USE RATE	COMMENTS
Foliar application using ground or chemigation equipment.	Cavity Spot (<i>Pythium</i> spp.)	fl oz/A 8.2	Apply only in a 1:1 alternation with a mefenoxam-containing fungicide such as Ridomil® Gold. Follow all current label requirements for the mefenoxam-containing product. The first foliar application can be REASON 500 SC Fungicide or a mefenoxam-containing product. A 14- to 21- day spray interval is recommended. When applying with ground equipment, direct spray to the base of the plant and follow immediately with at least 0.25 inch of irrigation to move the product into the root zone. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area. Do not use a spreader/sticker.
		lb. ai/A 0.267	
Restrictions: Do not apply more than 24.6 fl oz of REASON 500 SC Fungicide (0.8 lb. ai/A) per growing season to carrots. Do not apply within 14 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group.			

GRAPES

(For Use East of the Rocky Mountains Only)

HOW TO USE	DISEASE	USE RATE	COMMENTS
Apply using ground equipment, chemigation, or by air. Under conditions favorable for disease development, use the shorter spray interval for improved control.	Grape downy mildew (<i>Plasmopara viticola</i>)	fl oz/A 2.7 lb. ai/A 0.089	For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Applications should be made on a 10 - 14 day interval depending upon disease conditions. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area.

Restrictions: Do not apply more than 8.1 fl oz of REASON 500 SC Fungicide (0.268 lb. ai/A) per growing season. Do not apply within 30 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group.

LEAFY VEGETABLES (EXCEPT BRASSICA)

(Amaranth (leafy amaranth, chinese spinach, tampala), Arugula (roquette), Cardoon, Celery, Chinese celery, Celtuce, Chervil, Chrysanthemum (edible-leaved), Chrysanthemum (garland), Cilantro, Corn salad, Cress (garden), Cress (upland), Dandelion, Dock (sorrel), Endive (escarole), Fennel florence (finocchio), Lettuce (head and leaf), Orach, Parsley, Purslane (garden), Purslane (winter), Radicchio (red chicory), Rhubarb, Spinach, Spinach New Zealand, Spinach vine (Malabar spinach, Indian spinach), Swiss chard)

HOW TO USE	DISEASE	USE RATE	COMMENTS
Apply using ground equipment, chemigation, or by air. Under conditions favorable for disease development, shorten the spray intervals and/or switch to the higher rate for improved control.	Downy mildew (<i>Bremia lactucae</i>) White rust (<i>Albugo occidentalis</i>) Alternaria leaf spot (<i>Alternaria</i> spp.) Late blight of celery (<i>Septoria apiicola</i> - Suppression Only)	fl oz/A 5.5 – 8.2 lb. ai/A 0.178 – 0.267	For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Applications should be made on a 5 -10 day interval depending upon disease conditions. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area.

Restrictions: Do not apply more than 24.6 fl oz of REASON 500 SC Fungicide (0.80 lb. ai/A) per growing season. Do not apply within 2 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group.

TOMATOES, PEPPERS, AND OTHER FRUITING VEGETABLES (EXCEPT CUCURBITS)

(Eggplant, Groundcherry, Okra, Pepino, Pepper (bell, chili, cooking, pimento, sweet), Tomatillo, Tomato)

HOW TO USE	DISEASE	USE RATE	COMMENTS
Apply using ground, air, or chemigation equipment. Under conditions favorable for disease development, shorten the spray intervals and/or switch to the higher rate for improved control.	Early blight (<i>Alternaria solani</i>)	fl oz/A 5.5 – 8.2	For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Applications should be made on a 5 -10 day interval depending upon disease conditions. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area.
	Late blight (<i>Phytophthora infestans</i>)	lb. ai/A 0.178 – 0.267	
	Septoria leaf spot (<i>Septoria lycopersici</i> - Suppression Only)		
	Phytophthora blight of foliage and fruit (<i>Phytophthora capsici</i> - Suppression Only)	fl oz/A 8.2 lb. ai/A 0.267	Ground application only. Assure good coverage of fruit and foliage.
Restrictions: Do not apply more than 24.6 fl oz of REASON 500 SC Fungicide (0.80 lb. ai/A) per growing season to pepper and fruiting vegetables. Do not apply within 14 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group.			

ROOT VEGETABLES (EXCEPT CARROT, POTATO, RADISH AND SUGARBEET) [†]

(Beet (garden), Burdock (edible), Celeriac, Chervil (turnip-rooted), Chicory, Ginseng, Horseradish, Oriental Radish, Parsley (turnip-rooted), Parsnip, Rutabaga, Salsify (oyster plant), Salsify (black) Salsify (spanish), Skirret, Turnip)

[†] (For carrots, potatoes and tuberous and corm vegetables, see specific use directions under separate section)

HOW TO USE	DISEASE	USE RATE	COMMENTS
Apply using ground, air, or chemigation equipment. Under conditions favorable for disease development, shorten the spray intervals and/or switch to the higher rate for improved control.	Phytophthora foliar blight and crown rot (<i>Phytophthora</i> spp.)	fl oz/A 8.2	For optimum results, begin applications as soon as crop and/or environmental conditions become favorable for disease development. Applications should be made on a minimum 14-day interval depending upon disease conditions. Always consult your agricultural advisor, University contact or Extension Service for recommended pest management practices for your area.
	Alternaria leaf spot (<i>Alternaria</i> spp. – Suppression only)	lb. ai/A 0.267	
	Pythium damping-off and root rot (<i>Pythium</i> spp. – Suppression only)	fl oz/A 8.2 lb. ai/A 0.267	Apply only in a 1:1 alternation with a mefenoxam-containing fungicide such as Ridomil® Gold. Follow all current label requirements for the mefenoxam-containing product. The first foliar application can be REASON 500 SC Fungicide or a mefenoxam-containing product. A 14- to 21- day spray interval is recommended. When applying with ground equipment, direct spray to the base of the plant and follow immediately with at least 0.25 inch of irrigation to move the product into the root zone.
Restrictions: Do not apply more than 24.6 fl oz of REASON 500 SC Fungicide (0.8 lb. ai/A) per growing season. Do not apply within 14 days of harvest. Do not make more than one application of REASON 500 SC Fungicide before alternating with a fungicide from a different resistance management group. Not for use on forage turnips where tops are intended for livestock feed.			

For **MEDICAL** And **TRANSPORTATION** Emergencies **ONLY** Call 24 Hours A Day 1-800-334-7577

For **PRODUCT USE** Information, Call 1-866-99BAYER (1-866-992-2937)

or

Visit our worldwide web site at www.bayercropscienceus.com

As with any crop-protection product, always read and follow label directions.

For additional information, call toll-free 1-866-99BAYER (1-866-992-2937).