



NEW Home & Garden BIOFUNGICIDE

SERENADE® Garden Concentrate



Greenstar Plant Products is excited to introduce SERENADE® Garden to the Canadian garden market. SERENADE Garden is a broad spectrum fungicide that can provide a solution for gardeners as an effective alternative to chemical products that have recently been pulled from the Canadian market.

SERENADE Garden has been years in the making, the active ingredient was selected from over 22,000 isolated microbes because of its exceptional ability to work as a biofungicide. The selected culture is a proprietary strain of *Bacillus subtilis* (QST 713) which provides effective management of fungal diseases combined with a high degree of safety to humans and the environment. Although originally from the soil this bacteria has shown a unique ability, when used as a foliar spray, to effectively suppress a variety of plant diseases. The primary mode of action which makes the product effective is a team of lipopeptides working hard to attack the fungus cell wall and then the membrane. This breakdown destroys the fungal cell, suppressing and managing the disease problem.

This spray is easy and effective for use on a wide variety of ornamentals and vegetables. There are no temperature or timing restrictions other than making repeat applications according to label directions for best results. This product has been successfully used by commercial farmers in Canada for over three years and much longer in the US. Contact Greenstar Plant Products with any questions you have about this effective next generation fungicide; a valuable addition to your store shelves and a great solution for the home gardener this season.

Registration N^o: 28628 Pest Control Product Act

PRODUCT APPLICATION

Crop	Disease	Rate (mL/L)	Application Instructions
Poinsettia	Powdery mildew (<i>Oidium</i> spp.)	10-20	<p>Apply on a 7 day schedule.</p> <p>Under high disease pressure, use higher rate or in a rotational program with other registered fungicides.</p> <p>Thorough coverage of plants is essential for effective disease control.</p>
	Botrytis blight (<i>Botrytis cinerea</i>)	10-20	
Garden phlox	Powdery mildew (<i>Erysiphe cichoracearum</i>)	10-20	
Dwarf bee balm	Powdery mildew (<i>Erysiphe cichoracearum</i>)	10-20	
Geranium	Botrytis leaf blight (<i>Botrytis cinerea</i>)	10-20	
	Leaf spot (<i>Xanthomonas campestris</i> pv. <i>pelargonii</i>)	10-20	
Delphinium	Leaf spot (<i>Pseudomonas delphinii</i>)	10	
Aglaonema	Leaf spot (<i>Xanthomonas</i> spp.)	10-20	
Leather leaf fern	Anthracoze (<i>Colletotrichum acutatum</i>)	10-20	
White petunia	Botrytis lesion (<i>Botrytis cinerea</i>)	10-20	
Roses	Powdery mildew (<i>Spaerotheca</i> spp.)	10-20	



Distributed by Greenstar Plant Products Inc.

WEST / EAST:

t: 604.882.7699 toll free: 888.747.4769 info@getgreenstar.com
 f: 604.882.7659 toll free: 888.933.3385 www.getgreenstar.com

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PRODUCT APPLICATION

Crop	Disease	Rate (ml/m ²)	Application Instructions
Crop Group 5: Brassica vegetables: Broccoli, brussels sprouts, cauliflower, cabbage, Chinese cabbage, kale and kohlrabi	Downy mildew (<i>Peronospora parasitica</i>)	1.0	Begin application when environmental conditions are conducive to disease development and repeat on 7-10 day intervals.
Radish, turnip and rutabaga	Downy mildew (<i>Peronospora parasitica</i>)	1.0	Downy mildew: Begin application when environmental conditions are conducive to disease development and repeat on 7-10 day intervals.
Crop Group 6: Legume vegetables Beans, peas, lentils	Botrytis blight (<i>Botrytis cinerea</i>)	0.4-1.5	Begin application soon after emergence or transplant and when conditions are conducive for disease development. Repeat on 7-10 day intervals.
	Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	0.4-1.5	
Pepper (bell pepper, chili pepper, pimento and sweet pepper)	Powdery mildew (<i>Leveillula taurica</i>)	0.5-1.5	Begin application soon after emergence or transplant and continue on 7-10 day intervals. Use higher rate and lower application intervals under conditions of moderate to high disease pressure.
Crop Group 8: Fruiting vegetables Eggplant, ground cherry, pepino, peppers (all varieties), tomatillo and tomatoes	Gray mould (<i>Botrytis cinerea</i>)	0.4-1.5	Begin application soon after emergence or transplant and continue on 7-10 day intervals. When conditions are conducive to rapid disease development, use Serenade Garden Concentrate in a rotational program with other registered fungicides.
Lettuce	Downy mildew (<i>Bremia lactucae</i>)	0.7-1.5	Downy mildew: Begin application when environmental conditions are conducive to disease development and repeat on 7-10 day intervals.
	Head and leaf drop (<i>Sclerotinia sclerotiorum</i> , <i>Sclerotinia minor</i>)	0.5-1.5	Head and leaf drop: Apply as a directed spray to each seed line in sufficient water to ensure thorough coverage of lower plant leaves and surrounding soil surface within 7 days of thinning or transplanting. Repeat applications on 10-14 day intervals if conditions for disease development persist. Use higher rate and lower application intervals under conditions of moderate to high disease pressure.
Celery	Pink rot (<i>Sclerotinia sclerotiorum</i>)	0.5-1.5	Pink rot: Begin application approximately 8 weeks before harvest and repeat on 14-day intervals.
Strawberry	Gray mould (<i>Botrytis cinerea</i>)	0.4-1.5	Begin application at or before flowering and repeat on 7-10 day intervals through harvest. Use higher rate and lower application intervals under heavy disease pressure.
Crop Group 9: Cucurbits Cucumber, cantaloupe, melon, muskmelon, squash, watermelon, pumpkin	Powdery mildew (<i>Sphaerotheca fuliginea</i>)	0.5-1.5	Begin application soon after emergence or transplant and continue on 7-10 day intervals. Use higher rate and lower application intervals under heavy disease pressure.



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SERENADE® Garden RTU



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Registration N°: 28629 Pest control product act

PRODUCT APPLICATION

Crop	Disease	Application Instructions
Poinsettia	Powdery mildew (<i>Oidium</i> spp.) Botrytis blight (<i>Botrytis cinerea</i>)	Shake well before use. Spray leaves, stems, and new shoots until run-off, providing complete coverage of plants. Repeat on 7-day intervals.
Garden phlox	Powdery mildew (<i>Erysiphe cichoracearum</i>)	
Dwarf bee balm	Powdery mildew (<i>Erysiphe cichoracearum</i>)	
Geranium	Botrytis leaf blight (<i>Botrytis cinerea</i>) Leaf spot (<i>Xanthomonas campestris</i> pv. <i>pelargonii</i>)	
Delphinium	Leaf spot (<i>Pseudomonas delphinii</i>)	
Aglaonema	Leaf spot (<i>Xanthomonas</i> spp.)	
Leather leaf fern	Anthrachnose (<i>Colletotrichum acutatum</i>)	
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Radish, turnip and rutabaga	Downy mildew (<i>Peronospora parasitica</i>)	Downy mildew: Begin application when environmental conditions are conducive to disease development and repeat on 7-10 day intervals.
Crop Group 6: Legume vegetables Beans, peas, lentils	Botrytis blight (<i>Botrytis cinerea</i>) Sclerotinia stem rot (<i>Sclerotinia sclerotiorum</i>)	Begin application soon after emergence or transplant and when conditions are conducive for disease development. Repeat on 7-10 day intervals.
Pepper (bell pepper, chili pepper, pimento and sweet pepper)	Powdery mildew (<i>Leveillula taurica</i>)	Begin application soon after emergence or transplant and continue on 7-10 day intervals.
Crop Group 8: Fruiting vegetables Eggplant, ground cherry, pepino, peppers (all varieties), tomatillo and tomatoes	Gray mould (<i>Botrytis cinerea</i>)	Begin application soon after emergence or transplant and continue on 7-10 day intervals. When conditions are conducive to rapid disease development, use Serenade Garden RTU in a rotational program with other registered fungicides.
Lettuce	Downy mildew (<i>Bremia lactucae</i>)	Downy mildew: Begin application when environmental conditions are conducive to disease development and repeat on 7-10 day intervals.
	Head and leaf drop (<i>Sclerotinia sclerotiorum</i> , <i>Sclerotinia minor</i>)	Head and leaf drop: Apply to each seed line to ensure thorough coverage of lower plant leaves and surrounding soil surface within 7 days of thinning or transplanting. Repeat applications on 10-14 day intervals if conditions for disease development persist.
Celery	Pink rot (<i>Sclerotinia sclerotiorum</i>)	Pink rot: Begin application approximately 8 weeks before harvest and repeat on 14-day intervals.
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