

ORNAMENTAL DISEASES (Homeowner)

Steve Vann

Disease	Product	Active Ingredient	Rate	Comments
Powdery Mildew Black Spot Rusts Scab Cercospora Spot Petal Blights General Fungal Diseases	Spectracide Immunox	myclobutanil	2 tbs/gal	Apply at first sign of disease and continue every 7 - 14 days as needed. See UA CES fact sheet FSA7525 for information on control of daylily rust with Spectracide Immunox. On many ornamentals, powdery mildew is considered simply cosmetic, thus chemical applications may not be beneficial. Prevention is useful to control powdery mildew.
	Spectracide Immunox Plus	myclobutanil + insecticide	4 tbs/gal	Same as above. Also controls certain insect pests.
	Fertilome Liquid Systemic Fungicide	propiconazole	3 tbs/gal	Apply at first sign of disease and repeat at 7 - 14 day intervals as needed.
	Monterey Fungi-Fighter	propiconazole	1 - 2 tbs/gal	Apply at first sign of disease and repeat at 7 - 14 day intervals as needed.
	Ortho Max Garden Disease Control	chlorothalonil	See label.	Apply at first sign of disease and repeat weekly if conditions favor disease, every 14 days otherwise as needed.
	Fertilome Liquid Fungicide	chlorothalonil	6 - 9 tbs/gal	Apply at first sign of disease and repeat weekly if conditions favor disease, every 14 days otherwise as needed.
	Garden Tech Daconil Fungicide Conc.	chlorothalonil	2 1/4 tsp/gal	Bud break. 7 - 14 days.
	Green Light Fung-Away Fungicide	triadimefon	1 - 4 oz/gal	Same as above.
	Green Light Rose Defense	neem oil + insecticide	RTU	Follow label instructions. Organic use.
	Safer Brand Garden Fungicide	sulfur	8 tbs/gal	See label.
	Concern Copper Soap Fungicide RTU	copper salts-fatty acids	RTU	See label.
	Bonide Fung-onil Multipurpose Fungicide RTU	chlorothalonil	RTU	Apply at 7 - 14 days. Apply to runoff.
	Green Light Systemic Fungicide	thiophanate-methyl	1 tbs/gal	Same as above.
	Fertilome Halt Systemic	thiophanate-methyl	1 - 3 tsp/gal	See label.
	Ortho Rose Pride Rose & Shrub Disease Control	triforine	See label.	Follow label precautions carefully. Broad spectrum of disease control.
	Phyton 27	copper sulphate pentahydrate	1 - 5 oz/10 gal	Follow label directions carefully.
	Bonide Remedy	potassium bicarbonate	1 1/2 - 2 1/2 tbs/gal	Follow label directions carefully.
	Monterey BI-CARB	potassium bicarbonate	2 tsp/2 gal	Apply at first sign of disease.
	Monterey All Natural Disease Control	rosemary, cloves, etc.	RTU	For organic use.
	Hi-Yield Bordeaux Mix Fungicide	copper, expressed as metallic copper	8 - 9 tbs/gal	Avoid cool, damp weather applications – may cause injury.
	Monterey Fruit Tree, Vegetable and Ornamental Fungicide	chlorothalonil	See label.	Avoid hot weather applications.

(continued)

ORNAMENTAL DISEASES (Homeowner) – continued

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Powdery Mildew (<i>cont.</i>) Black Spot Rusts Scab	Bayer Advanced Garden – Disease Control for Roses, Flowers, Shrubs	tebuconazole	See label.	Apply at first evidence of disease activity.
Cercospora Spot Petal Blights General Fungal Diseases	Bayer Advanced Garden – All-in-One Fungicide/Insecticide/Fertilizer	tebuconazole + insecticide	See label.	
	Green Light Neem II Ready to Use	neem oil + insecticide	RTU	For organic use.
Pythium and Phytophthora Diseases	Monterey Aliette Monterey AGRI-FOS	fosetyl-Al salts of phosphorus acid	1 - 3 tbs/gal 1/8 tsp/gal Drench 25 gals/100 sq ft	Follow label directions carefully. Follow label directions carefully.
Fire Blight	Fertilome Fire Blight Spray	streptomycin sulfate	1 tbs/2 1/2 gal	See label.
	Bonide Fire Blight Spray	streptomycin sulfate	1 tbs/2 1/2 gal	Begin at blooming period, then every 3 - 4 days during bloom. Spray timing and coverage important for fire blight control. Professional spray equipment and applications may be necessary for larger trees.
	AgraQuest Serenade	<i>Bacillus subtilis</i>	RTU	See label.
Nematodes	HI-Yield Nem-A-Cide	chitin	4 - 14 lb/ 100 sq ft	See label.
Virus Diseases	No chemicals available			

This information was current as of October 1, 2009, and applies only to Arkansas and may not be appropriate for other states or locations. The listing of any product in this publication does not imply endorsement of that product or discrimination against any other product by the University of Arkansas Division of Agriculture. *Every effort was made to ensure accuracy, but the user of any crop protection product must read and follow the most current label on the product – The Label is the Law.* For further assistance, contact the local Cooperative Extension Service office.