

## SMALL FRUIT DISEASES (Home Garden)

Sherrie Smith

Disease	Product	Active Ingredient	FRAC Code	Rate	Comments
Fungal leaf and fruit diseases on grapes, blackberry, raspberry and strawberry	Bayer Advanced Natria Disease Control**	<i>Bacillus subtilis</i>	44	RTU*	Spray to runoff. See label.
	Hi-Yield Captan 50 WP	captan	M4	1-8 tbs/gal	See label for exact rate per crop.
	Bonide Fruit Tree Spray ( <b>strawberries and grapes only</b> )	captan + malathion + carbaryl	M4 + insecticide	1 1/2 - 2 1/2 tbs/gal	See label for complete instructions.
	Hi-Yield Vegetable, Flower, Fruit and Ornamental Fungicide ( <b>blueberry only</b> )	chlorothalonil	M5	9 tsp per application, 27 tsp per year	Begin applications at bud break (green tip). Repeat applications until early bloom at 10 day intervals. DO NOT apply after early bloom, otherwise phytotoxicity may occur to the developing fruit.
	Monterey Fruit Tree, Vegetable and Ornamental Fungicide ( <b>blueberry only</b> )	chlorothalonil	M5	3 3/4 tsp/gal for 200 sq ft	Begin applications at bud break (green tip). Repeat applications until early bloom at 10 day intervals. Do not apply after early bloom, otherwise phytotoxicity may occur to the developing fruit.
	Bonide Liquid Copper Fungicide Concentrate**	copper salts	M1	2 - 4 tsp/gal	See label.
	Bonide Mancozeb Flowable with Zinc ( <b>grapes only</b> )	mancozeb	M3	3 - 4 tsp/gal	Begin at 1/2 inch new growth, continue at 7 - 10 days until bloom. See label.
	Immunox Multipurpose Fungicide for Gardens Spray Concentrate	myclobutanil + insecticide	3	1 1/4 fl oz/gal	Labeled for blackberry, raspberry, strawberry and grape.
	Shultz Garden Safe Fungicide 3 in 1**	neem	NC***	1 fl oz/gal	Spray all plant surfaces.
	Natural Guard Copper Soap Liquid Fungicide	octanoate potassium	M1	0.5 - 2 fl oz/gal	Apply at the start of flowering and continue every 7 - 10 days until harvest.
	GreenCure **	potassium bicarbonate	NC***	1 - 2 tbs/gal	Not labeled for blueberry.
	Kaligreen**	potassium bicarbonate	NC***	2.5 - 3 lb/A	Begin application at the first sign of disease.
	MilStop**	potassium bicarbonate	NC***	2 - 5 lb/A	Begin application at the first sign of disease.
	Safer Garden Fungicide for Flowers, Fruit and Vegetables Concentrate	sulfur	M2	See label.	Labeled for grapes and strawberries. Do not use on strawberries that will be canned.
	Bonide Sulfur Plant Fungicide	sulfur	M2	1 fl oz/gal	7 - 14 days. Complete coverage important. RTU* also available. Organic uses.
Bonide Citrus, Fruit and Nut Orchard Spray Concentrate	sulfur + pyrethrins	M2	2.5 - 5 fl oz/gal	For best control apply as a protective spray early in the season before the diseases are noticed. Respray every 7 - 10 days or after rain. May be used up to day before harvest.	

\* RTU – Ready to use.

\*\* Approved for use in organic crops.

\*\*\* NC – Resistance not known.