

## SMALL FRUIT DISEASES (Home Garden)

| 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.