# Fungicides for the Home Garden

Alan Windham, Professor of Plant Pathology

<table>
<thead>
<tr>
<th>Fungicide Group</th>
<th>Trade Name</th>
<th>Common Name</th>
<th>Diseases Controlled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Phosphites</td>
<td>Monterey Agri-Fos</td>
<td>Potassium salt of phosphorous acid</td>
<td>Downy mildew, pythium root rot, phytophthora root rot</td>
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<tr>
<td>Aromatic Compounds</td>
<td>Ortho Max Garden Disease Control</td>
<td></td>
<td>Chlorothalonil</td>
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<tr>
<td></td>
<td>Fertilome Broad Spectrum Lawn and Garden Fungicide</td>
<td></td>
<td>Powdery mildew, downy mildew, leaf spots, rusts</td>
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<tr>
<td></td>
<td>Hi-Yield Vegetable, Flower, Fruit and Ornamental Fungicide</td>
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<tr>
<td></td>
<td>Monterey Fruit Tree, Vegetable and Ornamental Fungicide</td>
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<td></td>
<td>Bonide Fung-onil</td>
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<td></td>
<td>Garden Tech Daconil Fungicide</td>
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<tr>
<td></td>
<td>Southern Ag Liquid Ornamental and Vegetable Fungicide</td>
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<tr>
<td>Dithiocarbamate</td>
<td>Bonide Mancozeb with Zinc</td>
<td>Mancozeb</td>
<td>Leaf spots, downy mildew</td>
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<tr>
<td></td>
<td>Southern Ag Dithane M-45</td>
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<tr>
<td>Triazole</td>
<td>Monterey Fungi-Fighter</td>
<td>Propiconazole</td>
<td>Powdery mildew, rusts, leaf spots (Lawns –brown patch, dollar spot, rusts, powdery mildew)</td>
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<tr>
<td></td>
<td>Bayer Advanced Disease Control for Roses, Flowers and Shrubs</td>
<td>Tebuconazole</td>
<td></td>
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<tr>
<td></td>
<td>Spectracide Immunox, Multi-Purpose Fungicide</td>
<td>Myclobutanil</td>
<td></td>
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<tr>
<td></td>
<td>Spectracide Immunox Lawn Disease Control</td>
<td>Myclobutanil</td>
<td></td>
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<td></td>
<td>Bonide Infuse</td>
<td>Propiconazole</td>
<td></td>
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<tr>
<td></td>
<td>Ortho Bug B Gon Insect and Disease Control</td>
<td>Triticonazole &amp; Acetaprimid</td>
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<td></td>
<td>Ortho Rose and Flower Insect and Disease Control</td>
<td>Triforine</td>
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<td></td>
<td>Ortho Rose Pride fungicide</td>
<td>Propiconazole</td>
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<tr>
<td></td>
<td>Fertilome Liquid Systemic Fungicide II</td>
<td>Propiconazole</td>
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<td></td>
<td>Gordon’s Systemic Fungicide</td>
<td>Propiconazole</td>
<td></td>
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<tr>
<td>Copper</td>
<td>Monterey Liqui-Cop</td>
<td>Copper</td>
<td>Powdery mildew, leaf spots</td>
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<tr>
<td></td>
<td>Bonide Copper Dust</td>
<td>Copper Sulfate</td>
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<td></td>
<td>Bonide Liquid Copper Fungicide</td>
<td>Copper octanoate</td>
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<td></td>
<td>Espoma Earth Tone Garden Fungicide</td>
<td>Copper octanoate</td>
<td></td>
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<td></td>
<td>Ortho Elementals Garden Disease Control</td>
<td>Copper octanoate</td>
<td></td>
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<tr>
<td></td>
<td>Natural Guard Copper Soap Liquid Fungicide</td>
<td>Copper octanoate</td>
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<tr>
<td></td>
<td>Hi-Yield Bordeaux Mix Fungicide</td>
<td>Copper ammonium complex</td>
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<td></td>
<td>Southern Ag Liquid Copper Fungicide</td>
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<tr>
<td>Sulfur</td>
<td>Bayer Advanced Natria Disease Control</td>
<td>Sulfur</td>
<td>Powdery mildew, Leaf spots</td>
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<tr>
<td></td>
<td>Hi-Yield Dusting Wetable Sulfur</td>
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<td></td>
<td>Safer Garden Fungicide</td>
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<td></td>
<td>Bonide Sulfur Plant Fungicide (spray or dust)</td>
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<td></td>
<td>Bonide Horticultural Oil and Sulfur Spray</td>
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<td></td>
<td>Southern Ag Wetable or Dusting Sulfur</td>
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<td></td>
<td></td>
<td>Dormant Spray</td>
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<td>Benzimidazole</td>
<td>Southern Ag Thiomyl Systemic Fungicide</td>
<td>Thiophanate methyl</td>
<td>Powdery mildew, leaf spots</td>
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</tbody>
</table>
| Captan          | Hi-Yield Captan 50W Fungicide  
                 | Bonide Captan  
                 | Southern Ag Lawn and Garden Fungicide | Captan | Leaf spots, Botrytis, |
| Bicarbonate     | Monterey BiCarb | Potassium bicarbonate | Powdery mildew, leaf spots |
| Botanical       | Bayer Advanced Natria Neem Oil  
                 | Monterey Neem Oil  
                 | Monterey Natural Disease Control  
                 | Fertilome Triple Action Plus II  
                 | Natural Guard Neem Oil  
                 | Garden Safe Neem Oil Extract | Neem  
                 | Neem  
                 | Clove and rosemary oils  
                 | Neem & Pyrethrin  
                 | Neem  
                 | Neem | Powdery mildew |
| Biological      | Serenade Garden Disease Control  
                 | Bayer Advanced Natria Disease Control | Bacillus subtilis | Powdery mildew, scab, leaf spot diseases |
| Antibiotic      | Fertilome Fire Blight Spray | Streptomycin Sulfate | Fire blight |
| Disinfectant    | Fertilome Consan 20  
                 | Southern Ag SA-20 Disinfectant | Dimethyl Benzyl Ammonium Chloride | Disinfect inanimate surfaces, benches, pots, flats |
| Moss and Algae Killer | Bayer Advanced Moss & Algae Killer | Potassium salt of fatty acids | Use on lawns |