# Suggested Spray Schedule for Home Garden Plums and Prunes

<table>
<thead>
<tr>
<th>Growth Stage</th>
<th>Description</th>
<th>Target Information</th>
<th>Chemical Sprays</th>
<th>Important</th>
</tr>
</thead>
</table>
| **Dormant/ Delayed Dormant** | Before buds swell, in late winter just as buds begin to show first green.  | Coryneum blight (shot hole), bacterial canker, leaf curl.  | ➢ When daytime temperatures reach 40-45 F.  
➤ Overwintering scales, aphids, mites, peach twig borer  
➤ When daytime temperature is between 45 – 55 F, with no frost forecast overnight.  | ➢ Bordeaux mixture; Copper (Ex. Lilly Miller Microcop); Sulfur (Ex. Ferti-lome Dusting Sulfur); Chlorothalonil (Ex. Bonide Fung-onil Multi-purpose Fungicide Conc.).  
➤ Superior type petroleum horticultural oils, Dormant horticultural oils (Ex. Brands Bonide, Ortho, Ferti-lome, Gordons’s)  | ➢ An important stage for pest control.  
➤ Finish spraying by noon to insure good dry time.  |
| **Pre bloom** | Buds show color, but before flower opens.                                      | Hatching insect pests:  
➤ Aphid  
➤ Stink bug/lygus bug  
➤ Scale  
➤ Peach twig borer  
➤ Shot hole (Coryneum blight)  
➤ Brown rot  
➤ Powdery mildew  
➤ Caterpillars  | ➢ Insecticidal soap (Ex. Safer Brand Insect Killing Soap Conc II); Imidacloprid (Ex. Bayer Advanced Fruit, Citrus & Vegetable Insect Control)  
➤ Esfenvalerate (Ex.Ortho BugBGon Max Garden & Landscape Insect Killer)  
➤ Imidacloprid (Ex. Bayer Advanced Fruit, Citrus & Vegetable Insect Control)  
➤ Spinosad (Ex. Bonide Capt. Jack’s Deadbug Brew); Acetamiprid (Ex. Ortho flower, Fruit & Vegetable Insect Killer); Esfenvalerate (Ex. Ortho BugBGon Max Garden & Landscape Insect Killer)  
➤ Myclobutanil (Ex. Spectricide Immunox); Chlorothalonil (Ex. Bonide Fung-onil Multi-purpose Fungicide Conc.); Sulfur; Captan  
➤ Bacillus thuringiensis (Bt) (Ex. Dipel Pro, Javelin, etc.)  | ➢ Plant bugs and stink bugs feed on swelling fruit and leaf buds causing buds to dry up.  
➤ Repeat spray applications may be necessary in warm weather.  
➤ See spray timing on label.  |
| **Bloom** | Flowers are open                                                             | **Don’t apply insecticides around blooming flowers. Apply at night, if necessary.** |                                                                                |                                                                                              |

(Continued on back)
### Petal Fall or Shuck

<table>
<thead>
<tr>
<th>Fungal problems:</th>
<th>Insect pest problems:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brown rot, powdery mildew, Coryneum blight</td>
<td>Aphid, plant bugs, stink bugs, peach twig borer, leaf roller, etc.</td>
</tr>
</tbody>
</table>

- See ‘Pre bloom’ above

### Summer

<table>
<thead>
<tr>
<th>Peach Tree Borer – major pest</th>
</tr>
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<tbody>
<tr>
<td>Alternative control for Peach tree borer:</td>
</tr>
<tr>
<td>Wrap trunk with spun polyester garden blanket, burying the bottom edge at least 4 inches into soil.</td>
</tr>
</tbody>
</table>

- *Spotted winged Drosophila
- Spinosad (Ex. Monterey Garden Insect Spray)

- Esfenvalerate (Ex. Ortho BugB Gon Max Garden & Landscape Insect Killer, Monterey Bug Buster)
- Multiple applications applied to trunk. Follow all label directions.

**Toxic to bees – do not apply around blooming plants.**

- * New summer pest!

### Fall

- Prevention of Coryneum blight (shothole), bacterial canker and leaf curl.
- Prior to rainy weather, usually October, apply copper or sulfur based fungicide or chlorothalonil as suggested in “Dormant” section.

### Additional Information

- **CAUTION** – Read this guide carefully. Read the product label directions carefully. Read and follow all label directions for responsible use of any pesticide.
- **Aphids** – Seldom build up to damaging levels in home garden fruit trees. Wash them off with a stream of water from the hose, you rarely have to spray.
- **Pesticide resistance** – Vary products during the season and in following seasons to minimize pest resistance.
- **Too much fruit to handle** – Cut down tree and purchase quality fruit for use. Help commercial orchards by maintaining good care and pest management practices for your desired fruit trees!!!
- **Further information** – Contact WSU Chelan County Extension at (509) 667-6540 or our website at http://county.wsu.edu/chelan-douglas/GARDENING/MG/Pages/default.aspx
- **Trade name disclaimer** – Use of trade names are for example purposes only. No endorsement is intended. Other appropriately labeled products containing similar active ingredients should provide similar levels of control.