





SUGGESTED SPRAY SCHEDULE FOR HOME GARDEN CHERRIES – Revised 2019

| Growth Stage | Description | Target Information | Chemical Sprays | Important |
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| Dormant  | Before buds show any activity in late winter | For Coryneum blight (Shothole), bacterial gummosis ➤ When daytime temperatures reach 40 – 45 F. Finish spraying by noon to insure good dry time. | ➤ Copper based spray (Ex. Monterey Liqui-Cop Copper Fungicidal Garden Spray); Chlorothalonil (Ex. Ortho Max Garden Disease Control Conc). | General purpose fungicide. When used as dormant spray, it can burn young leaf tissues. |
| Delayed-Dormant  | In late winter, just as buds begin to show first green tissue. | Overwintering scales, aphids and mites. ➤ When daytime temperature is between 45 – 55 F, with no frost forecast overnight. Finish spraying by noon to insure good dry time. | ➤ Superior type petroleum horticultural oils (Ex. Ortho Volck Oil Spray) May mix with lime-sulfur. Products available under a variety of labels. Follow directions on label carefully to avoid plant damage. | This is the most important stage and chemical spray for pest control. Spray to completely wet the tree. |
| Bloom | When flowers are open. | Avoid pesticide application during bloom to protect honeybees. | | |
| Petal Fall or Shuck | Just as dead flowers fall away from young fruit. | A critical management time for: ➤ Powdery mildew ➤ Shot hole ➤ Aphids ➤ Scale ➤ Mites ➤ Feeding caterpillars | ➤ Summer Horticulture Oil (Ex. Monterey Horticultural Oil [Organic]) *Caution ➤ Lime sulfur ➤ Sulfur (Ex. Lilly Miller Sulfur Dust Fungicide/Insecticide Dust or Spray) ➤ Chlorothalonil (Ex. Ortho Max Garden Disease Control Conc) ➤ Insecticidal soaps (Ex. Safer's); Azadirachtin (Ex. Azamax Botanical Insecticide, Miticide, & Nematicide [Organic]); Horticultural Oil (Ex. R-T-U Year-Round Spray Oil.) ➤ Neem Oil (Ex. Safer Brand Garden Defense Multi-Purpose Spray Conc [Organic]); ➤ Insecticidal soaps (May require several applications) ➤ Spinosad (Ex. Monterey Garden Insect Spray); <i>Bacillus thuringiensis</i> (Bt) (Ex. Bonide Thuricide BT Conc) | *Caution – Lime sulfur should not be used if using Oil. This is a critical time for managing pest problems. <i>For aphids, wet tree completely.</i> <i>Make sure spray covers top and bottom of leaves.</i> |

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| Late Spring & Summer | <p>Cherry fruit fly preventative sprays should be started when cherries turn from light green to yellow green.</p> | <p>Critical time to manage:</p> <ul style="list-style-type: none"> ➤ Cherry fruit fly <i>Cherry Fruit Fly: a fly with black banding on clear wings. Inserts eggs under fruit skin. Eggs hatch, resulting in maggots present in fruit at harvest.</i> | <ul style="list-style-type: none"> ➤ Spinosad (Ex. Monterey Garden Insect Spray); Acetamiprid (Ex. Ortho Bug B Gon Systemic Insect Killer Conc.); Malathion (Ex. Bonide Malathion Insect Control Conc); | <p>Cherry fruit fly is a major pest of cherries. It is present mid-May to the last of July.</p> <p>A single fruit fly maggot in commercial cherry grower's fruit is very serious.</p> |
| | <p>*New Summer Pest!</p> | <ul style="list-style-type: none"> ➤ Powdery mildew and hatching insects ➤ Spotted Winged Drosophila* | <ul style="list-style-type: none"> ➤ Summer Horticulture Oil (Caution if using lime sulfur); Insecticidal soap ➤ Spinosad (Ex. Monterey Garden Insect Spray) | |
| Fall | <p>Left over fruit: Remove remaining fruit from the tree, seal in black garbage bags. Leave in sun for two weeks to kill larvae.</p> <ul style="list-style-type: none"> ➤ If any fruit is left on the tree it must be sprayed for 4 weeks after normal harvest time. <p>Prevention of coryneum blight (shothole) and bacterial gummosis.</p> <ul style="list-style-type: none"> ➤ Prior to rainy weather, usually October, apply copper spray as suggested in "Dormant" section. | | | |
| Additional Information | <ul style="list-style-type: none"> ◆ 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 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 – <i>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!!!</i> ◆ Further information – Contact WSU Chelan County Extension at (509) 667-6540 or our website at https://extension.wsu.edu/chelan-douglas/gardening/mg/ ◆ 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. | | | |