

Cherry -- Brown Rot Blossom Blight and Fruit Rot

Chemical control: Apply fungicides during the bloom period at early popcorn (red bud, pink bud, or green tip, depending on crop), full bloom, and/or petal fall to control the blossom blight phase. In California, one or two sprays are sufficient most years if a product with systemic (translaminar) activity is used. Fruit-rot sprays can be applied before harvest if wet weather is expected. To reduce the possibility of resistant fungal strains, alternate or tank-mix fungicides that have a different mode of action.

1. **Abound** at 12.3 to 15.4 fl oz/A. Alternate with other fungicides. Do not apply more than 3 times/year or 2 sequential sprays. May be applied the day of harvest. Sprayers used for Abound should **not be used on apples** such as Gala, Cox's Orange Pippin and McIntosh. 4-hr reentry.
2. **Auxigro WP** at 4 oz/A plus a silicone-based surfactant. For blossom blight only. Unknown efficacy in the PNW. 4-hr reentry.
3. **Botran 75 WSB** at 1.33 to 5.33 lb/A. Apply for blossom blight on all crops, but *not* for fruit rot control on prune and plum. Do not apply within 10 days of harvest. Generally rated as fair control of brown rot but good control for postharvest *Rhizopus*. 12-hr reentry.
4. **Bravo Weather Stik** at 3.1 to 4.1 pints/A, for blossom blight only. This pest is not on the label, but this is a legal application. Do not apply after shuck split or more than 20.5 pints/A/season. Ortho Daconil Multi Purpose Fungicide is registered for home use. 12-hr reentry. ☒
5. **Cabrio EG** at 9.5 oz/A. For Cherry Only. Do not use more than 2 sequential applications or more than 5 applications per year. May be used at harvest. 12-hr reentry.
6. **Captan 80 WDG** at 1.9 to 2.5 lb/A for cherries, 1.9 to 3.1 lb/A for apricots, 2.5 to 3.75 lb/A for prunes and plums, 2.5 to 5 lb/A for peaches. Applications may be made day of harvest. For home use but only available with other chemicals in pre-packaged mixes. Generally good control. 24 hr reentry. ☒
7. **CaptEvate 68 WDG** at 3.75 lb/A Do not apply more than two (2) consecutive application or more than 18.75 lb/A/season. Can be used day of harvest. 24-hr reentry.
8. **Echo 720** at 3.1 to 4.1 pints/A for blossom blight only. Do not apply after shuck split. 12-hr reentry.
9. **Elevate 50 WDG** at 1 to 1.5 lb/A (use higher rates when used alone). Applications may be made up to and including the day of harvest. Do not use more than 6 lb/A/season. 12-hr reentry.
10. **Elite 45 DF** at 4 to 8 oz/A. Do not apply more than 3 lb/A per crop season. Can be applied up to and including day of harvest. Not for use on apricot, prune, or plum. Generally good to excellent control. 12-hr reentry.
11. Fixed copper, for blossom blight only. Do not use after full bloom. Rated with low control.
 - a. **Champ Formula 2** at 4 to 5.5 pt/A. 24-hr reentry.
 - b. **C-O-C-S WDG** at 8 to 12 lb/A. 24-hr reentry.
 - c. **Copper-Count-N** at 2 to 3 quarts/100 gal water. 12-hr reentry.

- d. **Cuprofix Disperss** at 10 to 13 lb/A. 24-hr reentry.
 - e. **Kocide 2000** at 6 to 9 lb/A. 24-hr reentry.
 - f. **Nu-Cop 50 DF** at 8 to 12 lb/A. 24-hr reentry.
12. **Immunox** at 0.5 fl oz/gal water. Can be applied up to and including the day of harvest. Do not use more than 7 times per year. ☒
 13. **Indar 75 WSP** at 2 oz/A plus a wetting agent. Do not exceed 1 lb/A per season. For apricots, cherries, nectarines, and peaches. May be applied up to day of harvest. Generally excellent control. 12-hr reentry.
 14. **Iprodione** based products. Do not apply after petal fall or more than two (2) times per season. Generally good control if resistance is not a problem. 24-hr reentry.
 - a. **Iprodione 4L AG** at 1 to 2 pint/A.
 - b. **Rovral 4 Flowable** at 1 to 2 pint/A.
 15. **Orius 45 DF** at 4 to 8 oz/A. Can be applied through the day of harvest. Only for cherry and peach. 12-hr reentry.
 16. **Pristine** at 10.5 to 14.5 oz/A. Do not use more than 2 consecutive applications or more than 5 times/year. Can be used day of harvest. 12-hr reentry.
 17. Propiconazole-based fungicides are registered. Limited to 4 applications (2 during bloom and 2 before harvest). May be used up to and including day of harvest. In the Willamette Valley, smaller, deeper green leaves have been observed on ‘Royal Ann’ cherry trees treated with a dilute application at 3 oz/A. 24-hr reentry.
 - a. **Bumper 41.8 EC** at 4 oz/A. Do not use on Stanley-type Plums.
 - b. **Orbit** at 4 oz/A. Do not use on Stanley type Plums within 21 days of harvest.
 18. **Quilt (propiconazole + azoxystrobin)** at 14 fl oz/A. Do not apply more than two (2) sequential sprays. May be applied the day of harvest but do not use on Stanley type Plums within 21 days of harvest. 24-hr reentry.
 19. **Rally** at 2.5 to 6 oz/A. Use Eagle 20 EW at 2 to 3 fl oz/100 gal water for landscape use. Can be applied up to the day of harvest. Generally good control. 24-hr reentry.
 20. **Syllit FL** at 3 pt/A. For blossom blight only on cherry and peach. 48-hr reentry.
 21. **Topsin 4.5 FL** at 20 to 30 fl oz/A plus another fungicide. Do not apply within 1 day of harvest. Halt (by ferti-lome) is registered for home use. 12-hr reentry. ☒
 22. **Vanguard WG** at 5 oz/A. For blossom blight only on apricots, **tart cherries only**, nectarines, peaches, plums, and prunes. Not registered for sweet cherry. Do not apply more than 10 oz/A/season. Tank-mix with another fungicide to improve efficacy and to manage resistance. Buffer to a pH of 5 to 7 when tank-mixing with Rovral. 12-hr reentry.
 23. **Wettable sulfur (92%)** at 5 to 10 lb/100 gal water. Not recommended during bloom west of Cascades. 24-hr reentry. ☒
 24. **Ziram 76 DF** at 6 lb/A for apricots and cherries or at 6 to 8 lb/A for peaches. Do not apply within 30 days of harvest. Generally slight control. 48-hr reentry.
 25. **Ziram Granuflo** at 4 to 6 lb/A for Cherry or 6 to 8 lb/A for apricots and peaches. Do not apply within 30 days of harvest. Generally slight control. 48-hr reentry.

Excerpted from: [Jay W. Pscheidt](#) and [Cynthia M. Ocamb](#), eds. 2006. An On-line Guide to Plant Disease Control. Oregon State University, Corvallis, OR <http://plant-disease.ippc.orst.edu/index.cfm>