

# CONTROL OPTIONS FOR MAJOR NORTH COAST STONE FRUIT DISEASES IN HOME ORCHARDS

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rev. July 2011

SPRAY TIMING	CROP	DISEASES	CULTURAL PRACTICE	EXAMPLE MATERIALS
Start of Leaf fall (Thanksgiving)	peach, nectarine, apricot	Bacterial canker <sup>c</sup> Peach leaf curl <sup>a</sup> Shot Hole <sup>b</sup>		fixed copper <sup>1</sup> or Bordeaux <sup>2</sup> , chlorothalonil
One month later <i>if rain continues</i> (Christmas) <sup>3</sup>	peach, nectarine, apricot	Bacterial canker <sup>c</sup> Peach leaf curl <sup>a</sup> Shot Hole <sup>b</sup>	Prune for air flow & to remove infected wood	fixed copper, chlorothalonil
Just before spring budswell (Valentines Day)	peach, nectarine	Bacterial canker <sup>c</sup> Peach leaf curl <sup>a</sup>	Late pruning may help reduce bacterial canker	fixed copper, chlorothalonil
Bloom showing in tips, swollen buds (pink bud)	peach, nectarine, apricot, cherry, plum, & prune	Bacterial canker <sup>c</sup> Brown rot <sup>c</sup>	Late pruning may help reduce bacterial canker	fixed copper, sulfur <sup>4</sup> , Bordeaux, chlorothalonil, myclobutanil
1 to 3 weeks before harvest <b>only if rain is expected</b>	peach, nectarine, apricot, cherry, plum, & prune	Brown rot <sup>d</sup>	remove infected fruit	myclobutanil, sulfur dust - <b>ONLY IF NEEDED BEFORE RAIN</b>
After harvest	peach, nectarine, apricot, cherry, plum, & prune	Brown rot <sup>d</sup>	remove infected fruit	none

## Disease Damage Key

- a = leaf damage, shoot growth reduction
- b = leaf, bud and fruit damage
- c = leaf, bud, shoot, and blossom damage
- d = fruit damage

1 = DO NOT USE COPPER AFTER BLOOM. Only fixed coppers with lower copper content (i.e. 8% Metallic Copper Equivalent-MCE-such as Kop R Spray Concentrate or Liqui-Cop) are available. They are less effective for dormant treatments, but can be made more effective by adding 1% spray oil to the application. DO NOT use oils within 3 weeks of a sulfur spray!  
 2 = Bordeaux is not available in stores. See Pest Note #7481 (below) for mixing instructions.  
 3 = A third spray one month later in January may be required *only if rain continues*.  
 4 = DO NOT APPLY WITHIN 3 WEEKS OF AN OIL APPLICATION.

**IMPORTANT: Always read and carefully follow all precautions and safety recommendations given on pesticide container labels. Store all chemicals in their original labeled containers in a locked cabinet or shed away from food or feeds and out of the reach of children, unauthorized persons, pets, and livestock.**

For more complete information, refer to these and other helpful UC publications (available at our office or online at <http://anrcatalog.ucdavis.edu>: Calendar of Operations for Home Gardeners - **#7259-Apricots; #7261-Peaches and Nectarines; #7262-Plums; and #7426-Peach Leaf Curl, #7481-Bordeaux Mixture**. Also visit the UC IPM website at [www.ipm.ucdavis.edu](http://www.ipm.ucdavis.edu) or contact your local UC Cooperative Extension office.

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