

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

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SPRAY TIMING	CROP	DISEASES	CULTURAL PRACTICE	EXAMPLE MATERIALS
Start of Leaf fall (Thanksgiving)	peach, nectarine, apricot	Bacterial canker ^c Peach leaf curl ^a Shot Hole ^b		fixed copper ¹ or Bordeaux ² , chlorothalonil
One month later <i>if rain continues</i> (Christmas) ³	peach, nectarine, apricot	Bacterial canker ^c Peach leaf curl ^a Shot Hole ^b	Prune for air flow & to remove infected wood	fixed copper, chlorothalonil
Just before spring budswell (Valentines Day)	peach, nectarine	Bacterial canker ^c Peach leaf curl ^a	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 ^c Brown rot ^c	Late pruning may help reduce bacterial canker	fixed copper, sulfur ⁴ , Bordeaux, chlorothalonil, myclobutanil
1 to 3 weeks before harvest only if rain is expected	peach, nectarine, apricot, cherry, plum, & prune	Brown rot ^d	remove infected fruit	myclobutanil, sulfur dust - ONLY IF NEEDED BEFORE RAIN
After harvest	peach, nectarine, apricot, cherry, plum, & prune	Brown rot ^d	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 or contact your local UC Cooperative Extension office.

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