

# HortReport

Cooperative Extension Capital Region

A PUBLICATION OF THE CAPITAL REGION HORTICULTURE TEAM

## Pesticide Recommendations for Stone Fruit Trees

This schedule will not provide desirable control of brown rot unless there is Captan in the General Purpose (GP) Product Mix. Always consult the label before making pesticide applications. <sup>a</sup> Labels vary greatly between commercial products of the same material. **It is important to refer to the label for the best timing and application rates when applying pesticides.** Also read the text for information on cultural practices to minimize the application of pesticides. Due to a wide array of various products containing the same active ingredient, for insecticide recommendations, when appropriate, the active ingredient is listed instead of the name of formulated product.

Time to Spray	Suggested Materials	Pests to be Controlled
Dormant - before bud swell	- Copper - <i>plus</i> MS Oil	- Leaf curl - Scales, mites, aphids
Pink - just before blossoms open	- GP Product Mix <i>plus either</i> Captan <i>or</i> Chlorothalonil	- Brown rot, plant bug
Bloom	- Chlorothalonil <i>or</i> Captan	- Brown rot
Petal Fall	- Same Materials as "Pink" <i>or</i> Chlorothalonil <i>or</i> Captan - <i>plus</i> Esfenvalerate <i>plus either</i> Imidacloprid <i>or</i> Malathion	- Brown rot, cherry leaf spot - Oriental fruit moth, plum curculio, aphids, plant bug
Shuck Fall - when most shucks have fallen	- Captan <i>plus</i> Nova <i>plus either</i> - Esfenvalerate <i>or</i> Carbaryl	- Scab, cherry leaf spot, bacterial spot, mildew - Oriental fruit moth, plum curculio, aphids, plant bug
Early June - 14 days after "Shuck Fall"	- Captan <i>plus</i> Nova <i>plus either</i> - Esfenvalerate <i>or</i> Carbaryl	- Scab, cherry leaf spot, bacterial spot, mildew - Oriental fruit moth, plum curculio, aphids, plant bug
Three weeks before harvest	- Captan <i>plus</i> Nova <i>plus</i> - Spinosad <i>plus either</i> Esfenvalerate <i>or</i> Carbaryl	- Brown rot, leaf spot - Leafrollers, thrips, Oriental fruit moth, maggot, Japanese beetle
One week before harvest and during harvest	- Captan	- Brown rot
After harvest - only on cherry trees immediately after harvest	- GP Product Mix <i>or</i> Chlorothalonil <i>plus either</i> - Diazinon <i>or</i> Methoxychlor	- Leaf spot - Slugs, Japanese beetle

<sup>a</sup> Match pesticide efficacy against problem pests before selecting spray material.

Reference:

This handout has been adapted from *Fruit Production for the Home Gardener*, published by Penn State University in 2006.

This publication can also be viewed on-line at <http://ssfruit.cas.psu.edu/default.htm>.

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