

Fruit Tree Spray Schedule

Regular seasonal spraying is very important for fruit production in Western Oregon. Timed sprays help to control fungal diseases, insects and some bacterial diseases.

In Fall, Winter, and Early Spring sprays should evenly coat all branches and the trunk. Late Spring and Summer sprays should be applied according to label instructions. Bloom stages are used to time spray applications: **Pre-Pink** – buds are swelling but not showing any color; **Pink** – first show of color, but flowers are not open; **Petal Fall** – last flowers have fallen. Please note that these stages vary from year-to-year based on weather, so it is important to watch your trees during critical times.

APPLE

WINTER - Use SPRAY OIL at Winter (Dormant) Dilution for control of aphids, scale insects and mites. Use COPPER or SULFUR in late January/early February for disease control.

SPRING - Use SERENADE for disease control at Pre-Pink, Pink, or Petal Fall stages. Check OSU Extension Office (<http://extension.oregonstate.edu/gardening/calendar/>) for when to use control methods for Codling Moth. PHEREMONE TRAPS or sprays are generally used three weeks after bloom, however timing is critical. SPINOSAD, NEEM, or MALATHION are all Codling Moth control methods.

SUMMER - For Apple Maggot treatment in July. Use PYRETHRIN, or MALATHION

FALL - Use COPPER after harvest for disease control.

APRICOT

WINTER - Use SPRAY OIL (Dormant) Dilution for control of aphids, scale insects and mites. Use COPPER in winter for disease control; it can be applied multiple times from mid-December to late January

SPRING - Use CAPTAN sprayed at Pink and Petal fall.

SUMMER - Apply PERMETHRIN or SPINOSAD on tree trunk in early July and again in Late July/Early August for borer control. DO NOT SPRAY ON FRUIT.

FALL - Use CAPTAN spray two weeks before harvest (if rainy). Use COPPER after harvest for disease control, before heavy rains set-in.

CHERRY

WINTER - Use SPRAY OIL (Dormant Dilution) for control of aphids, scale insects and mites. Use COPPER or SULFUR in winter for disease control; it can be applied multiple times from mid-December to Late January. Use SERENADE in late January or early February for disease control.

SPRING – CAPTAN or SERENADE sprayed at Pink and Petal fall.

SUMMER - Cherry Fruit Fly – spray about Memorial Day with NEEM, MALATHION, or SPINOSAD.

FALL - Use COPPER after harvest for disease control, before heavy rains set-in.



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PEACHES & NECTARINE

WINTER - Use SPRAY OIL at Winter (Dormant) Dilution for control of aphids, scale insects and mites. Use COPPER or SULFUR in winter for disease control; apply in mid-December and again in early January. Use SERENADE in mid-to-late February for disease control.

SPRING - Use SERENADE sprayed at Pink and Petal fall for disease control

SUMMER - Apply PERMETHRIN or SPINOSAD on tree trunk in early July and again in Late July/Early August for borer control. DO NOT SPRAY ON FRUIT.

FALL - Use COPPER after harvest for disease control, before heavy rains set-in.

PEAR & QUINCE

WINTER - Use SPRAY OIL at Winter (Dormant) Dilution for control of aphids, scale insects and mites. Use COPPER or SULFUR in winter for disease control; it can be applied multiple times from mid December to late January.

SPRING - Use SERENADE for disease control, sprayed at Pink and Petal fall. Check OSU Extension Office (<http://extension.oregonstate.edu/gardening/calendar/>) for when to use control methods for Codling Moth. PHEROMONE TRAPS or sprays are generally used three weeks after bloom, however timing is critical. SPINOSAD, NEEM, or MALATHION are all Codling Moth control methods.

FALL - Use COPPER or SERENADE after harvest for disease control, before heavy rains set-in.

PLUMS (PRUNES)

WINTER - Use SPRAY OIL at Winter (Dormant) Dilution for control of aphids, scale insects and mites.

SPRING - Use SERENADE sprayed at Pink and Petal fall.

SUMMER - Apply PERMETHRIN or SPINOSAD on tree trunk in early July and again in Late July/Early August for borer control. DO NOT SPRAY ON FRUIT.

FALL - Use COPPER or SERENADE after harvest for disease control, before heavy rains set-in.

PRODUCT LIST

Captan: Chemical fungicide. Use with caution; Bonide Fruit Tree Spray.

Copper: Fungicide available in liquid and dust forms. Bonide Copper Fungicide.

Malathion: Organo-phosphate insecticide. Bonide Fruit Tree Spray or HiYield 55% Malathion.

Neem: An organic insecticide. Fertilome Triple Action Plus, Dyna-Gro Pure Neem Oil.

Pheromone Trap: An attractant with a sticky substance inside that traps insects. It is placed in an orchard and is generally used to monitor populations to time sprays more than as a control mechanism.

Permethrin: Chemical insecticide. Low toxicity, tends to persist. HiYield Garden, Pet and Livestock Insect Control.

Pyrethrin: An organic insecticide; Safer Yard & Garden Insect Killer

Serenade: A biological fungicide/bactericide. Serenade Garden Disease Control.

Spinosad: Organic Insecticide; Captain Jack's Dead Bug.

Spray Oil: Fine petroleum oil used to suffocate insects. Lily Miller Superior Type Spray Oil.

Sulfur: Organic Fungicide, usually available as a wettable powder. HiYield Dusting Sulfur

To avoid personal injury and damage to plants,
ALWAYS FOLLOW PACKAGE INSTRUCTIONS.



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