

Fruit and Nuts – Homeowner

Citrus Spray Schedule

The three spray applications suggested should control most pests and provide quality fruit.

Postbloom spray: when 75% of petals have fallen

Insect	Pesticide and Formulation	Amount to Use for 50 gallons	Amount to Use for 1 gallon	Limitations
Scales, whiteflies, mealybugs, mites	Malathion 57EC	1 pint	2 teaspoons	Do not apply Malathion or Vendex fewer than 7 days before harvest. Do not apply Malathion to plants in full bloom. Do not use Vendex on tangerines, tangelos, Reed or Red blush grapefruit. Do not apply Vendex when daily temperatures at application average below 70 F. Make no more than 2 applications of Vendex/year and allow 60-day intervals between applications.
	Vendex 50WP	4-6 ounces	1-1½ teaspoons	
Thrips, leafminers	Spinosad	4-6 ounces	1 teaspoon	Allow a minimum of 7 days between last application and harvest; several formulations available for home gardens (i.e., Spinosad, Success, Conserve, Naturalyte, etc.); follow label recommendations.
Asian citrus psyllid	Bayer Advanced Fruit, Citrus & Vegetable Insect Control	Varies, depending on size of tree.		See product label for instructions and restrictions. 0.15 to 0.2 fluid ounce/inch of trunk diameter at breast height or/foot of tree height. Do not apply more than 5.9 fluid ounces of product/year.

Summer spray: July 15- August 15

Insect	Pesticide and Formulation	Amount to Use for 50 gallons	Amount to Use for 1 gallon	Limitations
Scales, whiteflies, mealybugs, leaf-footed bugs, mites	Vendex 50WP +	4-6 ounces	1-1½ teaspoons	Same as above.
	Sun spray ultra-fine oil			
	or Summer oil emulsion	½ gallon	5 tablespoons	
	or Malathion 57EC			1 pint
Asian citrus psyllid	Bayer Advanced Fruit, Citrus & Vegetable Insect Control	Varies, depending on size of tree.		See product label for instructions and restrictions.
Thrips, leafminers	Spinosad			See limitations above; read the label.

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Fall spray: October 15- November 15

Insect	Pesticide and Formulation	Amount to Use for 50 gallons	Amount to Use for 1 gallon	Limitations
Scales, whiteflies, mealybugs, leaf-footed bugs	Malathion 57EC	1 pint	2 teaspoons	Same as above.
Asian citrus psyllid	Bayer Advanced Fruit, Citrus & Vegetable Insect Control	Varies, depending on size of tree.		See product label for instructions and restrictions.
	Vendex 50WP	4-6 ounces	1-1½ teaspoons	
	Spinosad			See limitations above; read the label.

Cautions

- Read the pesticide label and follow the manufacturer’s safety recommendations.
- Oil emulsion sprays should not be applied to drought-stricken trees when the temperature is above 85 F or below 45 F. Oil emulsion sprays applied after August 15 may inhibit solid formation, retard coloring of fruit and reduce the tolerance of trees to cold. Follow specific instructions on the label of all pesticides.