

**ORNAMENTAL INSECT CONTROL FOR HOMEOWNERS
OUTDOOR ORNAMENTAL INSECT CONTROL**

Pest	Insecticide and Formulation*	Amount Formulation Per Gallon Spray	Remarks and Precautions
Whitefly (cont.)	horticultural oils	1%-2%	
	imidacloprid (Bayer Advanced)		Follow label directions.
	insecticidal soap	1%-2%	
	malathion (various)		Follow label directions
	pyrethrins/pyrethrum		Follow label directions
	pyrethroids (various)	ready to use and concentrate	Follow label directions.

*Numerous products containing insecticide are available to homeowners. Products containing the same insecticide may vary in the concentration of the active ingredient. Always consult the product label for information on rate of application. Insecticides that may be available to homeowners are listed in the **HOMEOWNER INSECTICIDE PRODUCT LIST** section beginning on page 317.

**ORNAMENTAL INSECT CONTROL FOR HOMEOWNERS
INDOOR ORNAMENTAL INSECT CONTROL**

Note: Many formulations of insecticides for use in the home are combinations of active ingredients. The following list of insecticides is given as a guide to determine which pests an active ingredient is effective in controlling. Many pyrethroids and other compounds are now off label, and there may be several brand names for different chemicals. Only the active ingredient of insecticides is listed. Other compounds, especially oils, contain a mixture of oils, and these are listed under the general category of oils. The trade names below are only examples of several different formulations available and are not given as recommendations. Check the label on the insecticide container to determine what plants can be treated and the active ingredients present in the product. When possible, place plants outdoors or in an area not likely to come in contact with people, pets or food while making insecticide application. If plants cannot be moved outside for treatment, follow label precautions for indoor treatment.

Insecticide and Formulation*	Rate	Comments
bifenthrin	Ortho Houseplant and Garden Insect Killer, other Ortho products	as directed mealybugs, mites, whiteflies, aphids
cyfluthrin	Bayer Advanced Home Pest Control	as directed gnats, centipedes, earwigs, scorpions Follow label directions.
horticultural oil	SunSpray Ultrafine, Saf-T-Side, Superior Oil, Golden Natural Spray Oil, Volck Oil; found in Green Light products and others	1%-2% scale, whiteflies, mites Coverage is important; spray must contact pests to be effective.
imidacloprid + fertilizer	Bayer Advanced Garden 2-in-1 Plant Spikes	as directed aphids, mealybugs, whiteflies
insecticidal soap	M-Pede and Safer's Soap	1%-2% aphids, mealybugs, scale, thrips, mites, whiteflies Coverage is important; spray must contact pests to be effective.
pyrethrins, pyrethrum	Pyrethrum (aerosol); found in several Safer products, Garden Safe	as directed aphids, mealybugs, thrips, whiteflies

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