

# UC IPM Pest Management Guidelines

## [Pests of crops](#)

### Latest Web changes (for the past year)

Web Update	Printed Update	Crop	Changes
9/7/04	9/04	<b>Prune</b>	New weed section added: integrated weed management, weed management in organic orchards, special weed problems, herbicide treatment table, susceptibility of weeds to herbicide control, and prune weed photo gallery with common and scientific names of weeds.
8/27/04	8/04	<b>Dry Beans</b>	Lygus bugs revised.
8/25/04	8/04	<b>Tomato</b>	Tomato spotted wilt revised.
8/24/04	8/04	<b>Pistachio</b>	New weed section added: integrated weed management, special weed problems, herbicide treatment table, susceptibility of weeds to herbicide control, and pistachio weed photo gallery with common and scientific names of weeds.
6/26/04	7/04	<b>Grape</b>	Vine mealybug revised.
6/16/04	6/04	<b>Dry Beans</b>	Revised: lygus bugs, and relative toxicities of insecticides and miticides used in dry beans to natural enemies and honey bees.
6/14/04	6/04	<b>Prune</b>	Obliquebanded leafroller updated.
6/2/04	4/04	<b>Rice</b>	General review and update. New to general information section: relative toxicities of pesticides used in rice to natural enemies and honey bees, and managing mosquitoes in an agricultural situation. New to disease section: bakanae.
5/11/04	4/04	<b>Olive</b>	General review and update. New general information section added: relative toxicities of insecticides and miticides used in olives to natural enemies and honey bees. New to disease section: leaf spot.
2/26/04	2/04	<b>Grape</b>	Vine mealybug revised.
2/26/04	2/04	<b>Lettuce</b>	Leafminers updated. Also revised: relative toxicities of insecticides and miticides used in lettuce to natural enemies and honey bees.
2/20/04	2/04	<b>Walnut</b>	Codling moth revised.
2/19/04	1/04	<b>Floriculture and Ornamental Nurseries</b>	General review and update of major insect and mite pests section. New to this section: leafhoppers and sharpshooters. In general information section, biological control updated.
2/18/04	2/04	<b>Prune</b>	Revised information on monitoring in a prune orchard, dormant spur sampling and treatment guides, brown rot on fruit, obliquebanded leafroller, peach twig borer, leaf curl plum aphid mealy plum aphid, and San Jose scale.
2/10/04	12/03	<b>Tomato</b>	New general information section added: relative toxicities of insecticides and miticides used in tomatoes to natural enemies and honey bees. General review and update of disease section and insects and mites section. New to disease section: powdery mildew on greenhouse and coastal tomatoes. Changes to disease section: "black mold" changed to "blackmold"; and "powdery mildew" changed to "powdery mildew on field-grown tomatoes." In insects and mites section, "yellowstriped armyworm" changed to "western yellowstriped armyworm."

2/10/04	11/03	<b>Prune</b>	General review and update. New to insects and mites section: pepper weevil. New general information section: relative toxicities of insecticides and miticides used in peppers to natural enemies and honey bees. In disease section, "spot" changed to "bacterial spot" and "tobacco mosaic virus" changed to "pepper tobamovirus diseases."
11/5/03	11/03	<b>Citrus</b>	Information updated for selectivity of insecticides and miticides, California red scale and yellow scale, cottony cushion scale, and ants.
		<b>Corn</b>	Information revised for corn stunt, aphids, armyworms, corn earworm, corn leafhopper (formerly corn stunt leafhopper), cutworms, flea beetles, and wireworms.
		<b>Grapes</b>	Updated information for relative toxicities of insecticides and miticides used in grapes to natural enemies and honey bees; mealybugs ( <i>Pseudococcus</i> ); and vine mealybug.
		<b>Prunes</b>	" <b>Pest Management Activities by Season</b> " (including dormant/delayed, bloom, fruit development, and postharvest sections) now supplements the prune guidelines. Among information updated in the prune guidelines: monitoring in a prune orchard; dormant spur sampling; and relative impact of the timing of pesticide applications on natural enemies and water quality. Others updated: rust, brown rot on fruit (formerly ripe fruit rot), codling moth, obliquebanded leafroller, peach twig borer, aphids, leaf curl plum aphid, mealy plum aphid, European fruit lecanium, and San Jose scale.
10/1/03	9/03	<b>Small Grains</b>	Revised: characteristics of wheat and triticale cultivars grown in California.
8/27/03	7/03	<b>Citrus</b>	New to Lepidoptera (orangeworms) section: citrus leafminer and citrus peelminer. New to plant growth regulators section: fruit set with gibberellic acid (GA <sub>3</sub> ); fruit thinning with naphthalene acetic acid (NAA); and sucker control with NAA. General review and update of entire guideline.
8/25/03	7/03	<b>Cole Crops</b>	New to general information section: relative toxicities of insecticides and miticides used in cole crops to natural enemies and honey bees. General review and update of entire guideline.
7/30/03	7/03	<b>Avocado</b>	Changes made to insects and mites section: armored scales, avocado thrips, branch and twig borer, greenhouse thrips, perseia mite, and soft scales.
7/11/03	7/03	<b>Grape</b>	Changes made to insects and mites section: ants, European fruit lecanium, mealybugs ( <i>Pseudococcus</i> ), and vine mealybug updated.
7/7/03	6/03	<b>Potato</b>	General review and update. New general information section: relative toxicities of insecticides and miticides used in potatoes to natural enemies and honey bees.
6/30/03	6/03	<b>Fig</b>	General review and update. New general information section: relative toxicities of insecticides and miticides used in figs to natural enemies and honey bees. New to insect and mite section: fig mite.
6/25/03	6/03	<b>Caneberries</b>	General review and update. New general information section: relative toxicities of insecticides and miticides used in caneberries to natural enemies and honey bees. New to insect and mite section: greenhouse whitefly, raspberry crown borer, and twospotted spider mite.
6/25/03	6/03	<b>Turfgrass</b>	General review and update. New to insect and mite section: crane fly, frit fly, and red imported fire ant.
6/20/03	6/03	<b>Apricot</b>	Revisions to relative toxicities of insecticides and miticides used in apricots to natural enemies and honey bees. Also updated: brown mite, European fruit lecanium. European red mite. fruittree leafroller. green fruitworm. mealv plum

			aphid, obliquebanded leafroller, orange tortrix, peachtree borer, peach twig borer, redhumped caterpillar, and Western tussock moth.
6/18/03	6/03	<b>Pistachio</b>	General review and update. New general information section: relative toxicities of insecticides and miticides used in pistachios to natural enemies and honey bees; and general properties of fungicides used in pistachios.
5/2/03	5/03	<b>Prune</b>	Peach twig borer updated.
3/7/03	3/03	<b>Grape</b>	Vine mealybug updated.
1/21/03	12/02	<b>Grape</b>	General review and update for insects and mites, diseases, and nematodes sections, and most of weeds section. New general information section added: relative toxicities of insecticides and miticides used in grapes to natural enemies and honeybees; general properties of fungicides used in grapes; and pathogen testing service for grapes. New to insects and mites section: European fruit lecanium and ants.