



Integrated Pest Management

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Principal components of an IPM program:

- Pest identification
- Methods for detecting, monitoring, and predicting pest outbreaks
- Knowledge of the biology of pests and their interactions with plant hosts and natural enemies
- Ecologically sound management methods to prevent or control pests

Preferred management techniques in an IPM program include:

- Encourage naturally occurring biological controls
- Use alternative plant species or varieties that are resistant to pests, or stock that has been certified as pest-free
- Select pesticides with lower toxicity to humans and nontarget organisms
- Adopt cultivation, pruning, fertilization, and irrigation practices that reduce pest problems
- Change the habitat to make it less conducive to pest development

Useful Websites

- UC IPM: <http://www.ipm.ucdavis.edu/PMG/menu.invertebrate.html>
- Pest Notes: <https://ipm.ucanr.edu/PMG/PESTNOTES/index.html>
- Pesticide info: <https://ipm.ucanr.edu/GENERAL/pesticides.html>
- Pest ID: <https://ipm.ucanr.edu/PMG/menu.homegarden.html>

Where to Get Help

- MG Help Desk: Call 530-521-5512 Tuesday – Friday, 9 a.m. to noon; walk-ins are also welcome at 311 Fair Lane in Placerville
- Email us at mgeldorado@ucanr.edu
- Fill out the "Ask A Master Gardener" questionnaire at https://ucanr.edu/sites/EDC_Master_Gardeners/
- This PowerPoint class presentation is available at https://ucanr.edu/sites/EDC_Master_Gardeners/ Click on: **Classes & Event; Class Recordings and Handout; Pests (Insects, Vertebrate, Weeds)**

Helpful Publications

- Good Bug Bad Bug, by Jessica Walliser
- Pests of the Garden and Small Farm, by Mary Louise Flint, UC ANR Publication # 3332
- Pests of Landscape Trees and Shrubs, UC ANR Publication #3359

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