

MAINTAINING UC IPM PEST MANAGEMENT GUIDELINES FOR PEAR

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ABSTRACT

UC IPM Pest Management Guidelines: Pear, the University of California's official guidelines for managing pests in pears, was revised.

Revision highlights:

- Year-round IPM program pesticide application checklist revised
- Insecticides added, insecticides that are no longer registered removed, and the relative toxicities of pesticides to natural enemies and honey bees table updated
- Fungicides, including biological fungicides, added and the general properties of fungicides table updated
- Apple maggot section removed
- New pear sawfly photos
- Added bactericide and fungicide resistance discussion for diseases such as fire blight and pear scab
- Food safety caution when animals are used for weed control added
- References to other resources added
- Solarization how-to information improved
- Cover crops for weed control discussion enhanced
- Little mallow, pigweeds, and puncturevine added to Special Weed Problems
- Herbicide susceptibility tables updated
- New instruction page on how to customize the herbicide susceptibility tables

OBJECTIVES

As the University's official suggestions for managing pests in agricultural crops, the Pest Management Guidelines are a continuing publication. It is important that research results are incorporated into the guidelines and available to growers and PCAs. The objective of this project was to revise *UC IPM Pest Management Guidelines: Pear* for publication in PDF and on the Web by fall 2012.

***UC IPM Pest Management Guidelines: Pear* (UC ANR Publication 3455) – <http://www.ipm.ucdavis.edu/PMG/selectnewpest.pears.html>**

The revised version includes

- a year-round IPM program
- 10 general information sections
- 5 disease sections
- 25 insect and mite sections
- 7 weed sections

PROCEDURES

Crop Team and Authors

UC IPM coordinated the process and edited material for clarity, completeness, and to conform to format and style. The Crop Team helped to manage the overall direction of the Pest Management Guidelines and, with the authors, provided scientific content.

2011–2012 Crop Team

Rachel Elkins (Crop Team Leader)
Lucia Varela (IPM Facilitator)
John Roncoroni

Authors

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Revision Process

UC IPM:

1. Worked with the Crop Team to gather updates from the authors. Wrote and/or edited informative text and tables based on information supplied by authors, reading of trade journals and other scientific literature, participation in UC scientific workgroups, or knowledge of pesticide label changes.
2. Made these changes, reconciling them to one another and going back to the authors for clarification, editing the manuscript for flow and style.
3. Returned the resulting manuscript to authors for review. Authors reviewed the updated manuscript and either approved or made additional changes. If additional changes were needed, they were incorporated by the Coordinator and reviewed by the authors; this process continued until the authors approved.
4. Determined peer reviewers with the assistance of UC ANR's Associate Editor and sent the manuscript out for peer review. When returned, the Coordinator incorporated the changes and worked with the authors to clarify any questions until the authors approved.
5. Submitted the manuscript to the UC ANR Office of Pesticide Information and Coordination to ensure the pesticide information was accurate.
6. Worked with the UC IPM Production Team to get the manuscript prepared and posted to the UC IPM Web site.

RESULTS

The revised Pear Pest Management Guidelines was published on the Web and as a PDF on November 5, 2012.