

Department of Pesticide Regulation  
California School IPM Program  
Update on Activities—Accomplishments and Future Plans  
(December 2003–June 2005)

## 1. Accomplishments (December 2003–December 2004)

### Training

- The Department of Pesticide Regulation (DPR) conducted five regional school integrated pest management (IPM) training workshops for school district IPM coordinators (see table below). At each workshop a local University of California (UC) representative spoke about the principles of IPM and the resources available through the UC. County Agricultural Commissioners discussed enforcement issues related to school IPM and the Healthy Schools Act. The trainers at each IPM workshop have worked with schools, are aware of the unique nature of pest management in school settings, and are experts in structural and landscape IPM and reduced-risk pest management. Phil Boise (Urban/Ag Ecology Consulting Services) taught landscape IPM at all locations; Ingrid Carmean taught structural IPM. A total of 172 district staff attended the workshops, representing 144 school districts. From 2002 to present, DPR has trained 326 staff from 236 of the state's 997 school districts.

<b>Location</b>	<b>County</b>	<b>Date (2004)</b>
Beyer High School	Stanislaus	April 13
Fremont High School	Santa Clara	April 22
Visalia Unified School District	Tulare	May 3
Buena High School	Ventura	June 15
San Luis Obispo High School	San Luis Obispo	June 23

- We developed curricula on key pests for districts that need resources to train their own staff. Each curriculum describes how to present a training workshop, and includes lists of tools and books as well as background information. We distributed these curricula at our school IPM training workshops and posted them to our Web site. Click on the following to download.  
[Burrowing rodents](#) (PDF, 23 mb)  
[Yellowjackets](#) (PDF, 6 mb)  
[Turf weeds](#) (PDF, 7.9 mb)  
[Landscape weeds](#) (PDF, 14 mb)
- We continued work on pest-specific school IPM fact sheets about yellowjackets, gophers and weeds.

### Survey

- Every two years, DPR conducts a survey of school districts statewide to evaluate their pest management practices and how effective DPR's outreach efforts are. You can view results from previous surveys on our Web site, [www.schoolipm.info](http://www.schoolipm.info)
- DPR conducted its third survey in 2004; results will be available in 2005. See Future Plans (below) for more information.

### Outreach

- Staff published two articles to assist school districts to implement IPM and to promote the adoption of IPM.
  - Section entitled *IPM at Schools* in the California Environmental Protection Agency's Children's Environmental Health Program Biennial Report for 2002-03. (<http://www.calepa.ca.gov/ChildHealth/CEHCReport.pdf>)
  - *Making the Grade in School Pest Management—Putting IPM to Work*. CASH Register, 2004. ([http://www.cdpr.ca.gov/docs/pmap/pubs/making\\_grade\\_ipm2003.pdf](http://www.cdpr.ca.gov/docs/pmap/pubs/making_grade_ipm2003.pdf))
- DPR staff gave six presentations, and responded to numerous questions and requests for information from school districts and other stakeholders.
- DPR e-mailed its Advisory Group members an update of the program's accomplishments and future plans for July 2002 – October 2003.

### Other

- DPR collects pesticide use information from licensed pest control businesses. Staff has developed and is testing a preliminary database in which information can be stored. However, entering and analyzing the data are on hold due to insufficient resources.
- DPR, in cooperation with UC Statewide IPM Program, began developing an interactive school IPM training DVD that will consist of four modules. This training DVD is modeled after a successful UC Master Gardener pilot project and is intended to supplement the training workshops by providing IPM coordinators with an additional tool to use for their localized, intra-district training efforts. The first two modules focus on ants and weeds.

## 2. Future Plans (January 2005—June 2005)

### Training

- DPR plans to conduct four regional school IPM training workshops statewide each year. Each workshop can accommodate up to 40 participants.
- In 2005, DPR will hold regional workshops as shown in the table below. At each workshop, a local UC representative will speak about the principles of IPM and the resources available through the UC. County Agricultural Commissioners will discuss enforcement issues related to school IPM and the Healthy Schools Act. Trainers include:
  - (1) Landscape IPM: Michael Baefsky is a landscape consultant. He has been researching, teaching and advising in the field since 1975. Michael's work focuses on developing and carrying out ecologically sound solutions to landscape problems.
  - (2) Structural IPM: Ingrid Carmean has been involved in research, agricultural consulting, and structural IPM since 1977. Ingrid has worked with a large school district assessing pest management practices and teaching pest prevention, IPM, and effective pesticide use for more than five years.

Date (2005)	Location	City	County
March 23	Oroville High School	Oroville	Butte
March 31	Temescal Canyon High School	Lake Elsinore	Riverside
April 20	Kern Agricultural Pavilion	Bakersfield	Kern
July 13	Eureka Senior High School	Eureka	Humboldt

- DPR plans to develop and distribute curricula on structural pests at these workshops and post them to our School IPM Web site.
- DPR will complete one or more pest-specific IPM fact sheets (e.g., yellowjackets, gophers, weeds) to distribute and post to our Web site.

### Survey

- DPR will publish results from its third survey (2004) of school districts in a report that it will provide to all districts in the fall of 2005. DPR plans to use the information to revise its outreach and training efforts, as needed.

### Outreach

- DPR plans to provide information on school IPM topics and activities to School IPM Advisory Group members quarterly.
- DPR plans to provide IPM coordinators information about resources that DPR provides to help school districts start an IPM program, manage pests using IPM, and train staff in IPM methods. We also will send a U.S. Environmental Protection Agency brochure that provides information about IPM and other resources that are available.
- DPR plans to provide all school districts a copy of its Healthy Schools Act of 2000 Frequently Asked Questions document, which is posted to our Web site ([http://www.schoolipm.info/overview/faq2000.cfm?crumbs\\_list=1,38](http://www.schoolipm.info/overview/faq2000.cfm?crumbs_list=1,38)), and the DPR fact sheet entitled What Is a Pesticide? (<http://www.cdpr.ca.gov/docs/factshts/what2.pdf>)

- DPR staff plans to give eight presentations. Staff also will respond to numerous questions and requests for information from school districts and other stakeholders.
- The following article has been accepted for publication and will appear in a 2005 issue of University of California's California Agriculture: *The Healthy Schools Act revisited: integrated pest management practices in California schools.*
- Staff plans to draft and submit for publication an article on pest prevention and facility design.

#### Other

- DPR will continue to collect pesticide use information from licensed pest control businesses.
- DPR will continue development of its interactive school IPM training DVD. The University of California plans to complete the first two modules (on ants and weeds) and begin work on two additional modules, one for yellowjackets and one for general IPM topics.