

# DPR's SCHOOL & CHILD CARE IPM PROGRAMS



**Laurie Brajkovich, Senior Environmental Scientist**

**School Integrated Pest Management (IPM) Program  
Pest Management & Licensing Branch  
California Department of Pesticide Regulation**

# California Healthy Schools Act

## 2001: AB 2260

- K-12 public schools and public child care centers
- mandatory: notification, posting, recordkeeping voluntary: IPM

## 2006: AB 405

- Prohibited certain pesticides at schools and child care centers

## 2007: AB 2865

- Added private child care centers (except family day care homes)

# The **Healthy Schools Act** is a right-to-know law that strives to reduce pesticide exposure in...

- **Sensitive populations**
  - Infants
  - Children
  - Teenagers
- **Sensitive areas**
  - Schools
  - Child care centers



# HSA Requirements

## for Schools & Child Care Centers (Education Code)

1. Identify “school designee” (aka IPM Coordinator)
2. Annual pesticide use notification
3. Establish a notification registry
4. Individual notice of application: 72 hours
5. Post warning signs: 24 hours before, 72 hours after
6. Keep pesticide use records on site for FOUR years
7. Avoid prohibited pesticides

# PESTICIDES PROHIBITED ON SCHOOL SITES

Cancelled or  
suspended  
registrations

New Active  
Ingredient  
or New Use

AND

Conditional  
Registration or  
Interim  
Registration or  
Experimental  
Use Permit

*See [www.cdpr.ca.gov](http://www.cdpr.ca.gov) for the most updated list of prohibited pesticides.  
Updated quarterly.*

# Pesticides Exempt from HSA Requirements

\*Product Disclaimer\*



1. Self-contained baits or traps



2. Gels or pastes used as crack-and-crevice treatments

3. Antimicrobials (sanitizers & disinfectants)



4. Ingredients exempted from registration

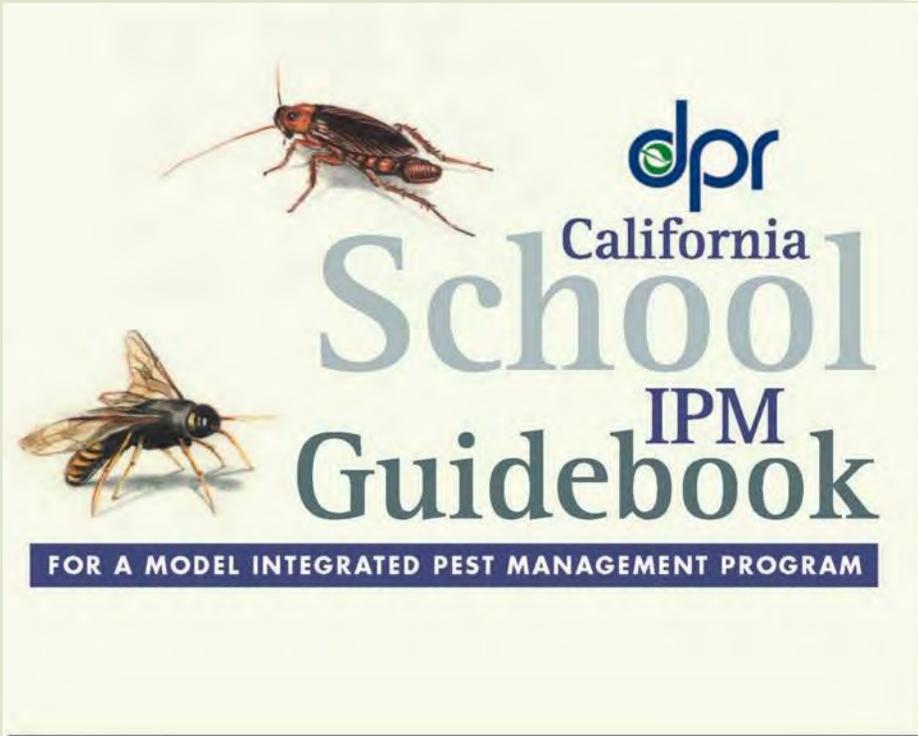


# Department of Pesticide Regulation:

- ❖ Promotes the **voluntary** adoption of IPM
- ❖ IPM training
- ❖ IPM guidebook
- ❖ IPM resources
- ❖ School IPM Web site  
[www.cdpr.ca.gov/schoolipm](http://www.cdpr.ca.gov/schoolipm)
- ❖ Collects pesticide use reports from pest control businesses (**not schools**)



# IPM Guidebooks



## INTEGRATED PEST MANAGEMENT: A CURRICULUM FOR EARLY CARE AND EDUCATION PROGRAMS



This Integrated Pest Management Curriculum was developed by the University of California (UC), San Francisco School of Nursing's California Childcare Health Program, UC Berkeley's Center for Children's Environmental Health Research, UC Statewide IPM Program and the California Department of Pesticide Regulation.



# School IPM Guidebook Contents

*Available online at [www.cdpr.ca.gov/schoolipm](http://www.cdpr.ca.gov/schoolipm)*

## IPM Program Binder



- Intro to School IPM
- Adopting an IPM Program
- Monitoring
- Action Levels
- Least Hazardous Pest Control

## Appendices Flash drive



- Sample HSA Forms
- Exempt Pesticide Worksheet
- Model IPM Policies
- Sample IPM Contracts
- Inspection Checklists
- UCIPM Pest Notes

# School IPM HELPR

Created in conjunction with UC IPM, provides pest information for common pests in California schools

Management notes on this page are those discussed in the Pest Note series, published by the University of California. Information presented on these pages is only on active ingredients, not on inert ingredients. The active ingredient is generally but not always considered to be the most hazardous to the appropriate Pest Note section.

The risk posed by any pesticide product is determined both by toxicity and level of exposure. Information presented on these pages is only on active ingredients, not on inert ingredients. The active ingredient is generally but not always considered to be the most hazardous to the appropriate Pest Note section.

**Products List**

**Management practices from UC/CIIPM Pest Notes**

- Click on the buttons for full explanation
- Click here for the Spiders Pest Note

**Fact sheets on toxicity:**

- Click buttons to see fact sheets. If no button is visible, a fact sheet is not available.
- Lack of fact sheet information does not imply that an ingredient is safe.

**Factors that could reduce response:**

- If a factor is present it is denoted by an "X."
- This is not an exhaustive list of factors that affect pesticide exposure.

	Exterior Profile	U.S. EPA R.E.D. Fact Sheet	NFIC Fact Sheet General	NFIC Fact Sheet Technical	No Pesticides Required	Get or Post for Creek Treatment	Bait	Trap	Regulatory Status
<b>Preventive practices</b>									
Seal gaps around windows and doors <a href="#">more...</a>					X No Pests				
Install screens <a href="#">more...</a>					X No Pests				
Place boxes off the floor and away from walls <a href="#">more...</a>					X No Pests				
Seal boxes with tape <a href="#">more...</a>					X No Pests				
Clean up clutter <a href="#">more...</a>					X No Pests				
Eliminate trash, leaf litter, vegetation away from foundation <a href="#">more...</a>					X No Pests				
Trim plant growth away from structure <a href="#">more...</a>					X No Pests				
Keep outdoor lights away from windows and doorways <a href="#">more...</a>					X No Pests				

## Includes:

- ❖ Pest prevention options
- ❖ Pest treatment practices, including pesticide options, toxicity, and exposure information

# SCHOOL IPM WORKSHOPS



Prevention



Monitoring



Pest Identification



IPM Tools and Techniques



Record Keeping



Communication and Training

# School IPM Workshops

- ❖ 8 hours of basic IPM principles
- ❖ Structural and landscape
- ❖ Taught by licensed IPM professionals
- ❖ Hands-on: ID, trapping, inspections
- ❖ 4-6 workshops a year in California
- ❖ **Optional** for districts to attend
- ❖ **Train-the-trainer**
- ❖ Training tool box

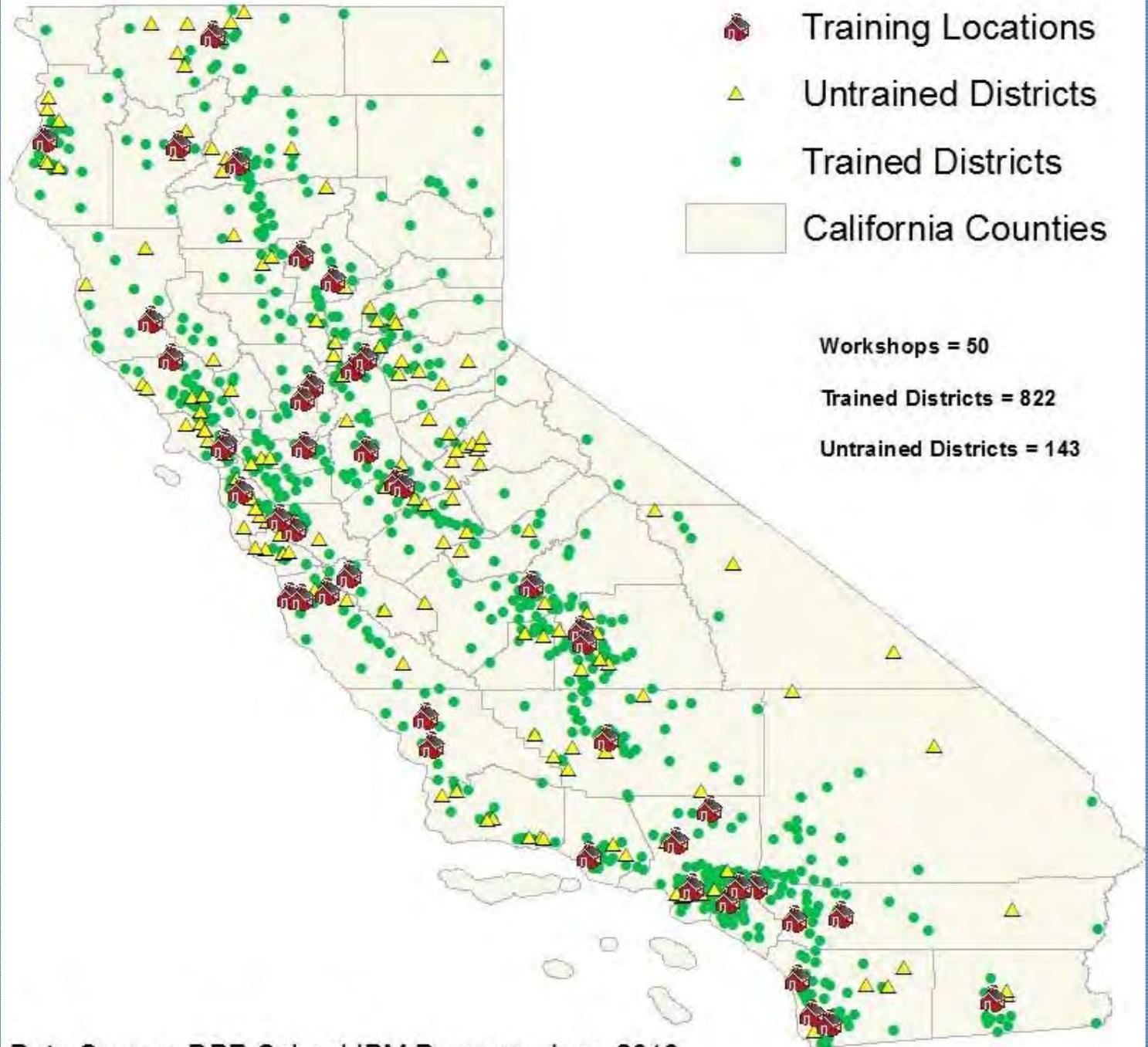




# 50 Workshops!



# California School IPM Training

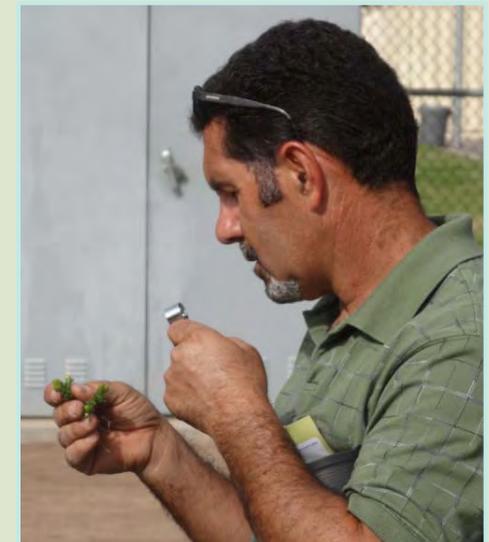


Data Source: DPR School IPM Program, June 2013



# Turf Grass IPM Workshops

- ❖ Partnered with UC ANR
- ❖ Included soil analysis for every attendee
- ❖ Half day, hands-on
- ❖ 3 courses held FY 12-13
- ❖ 4 more scheduled



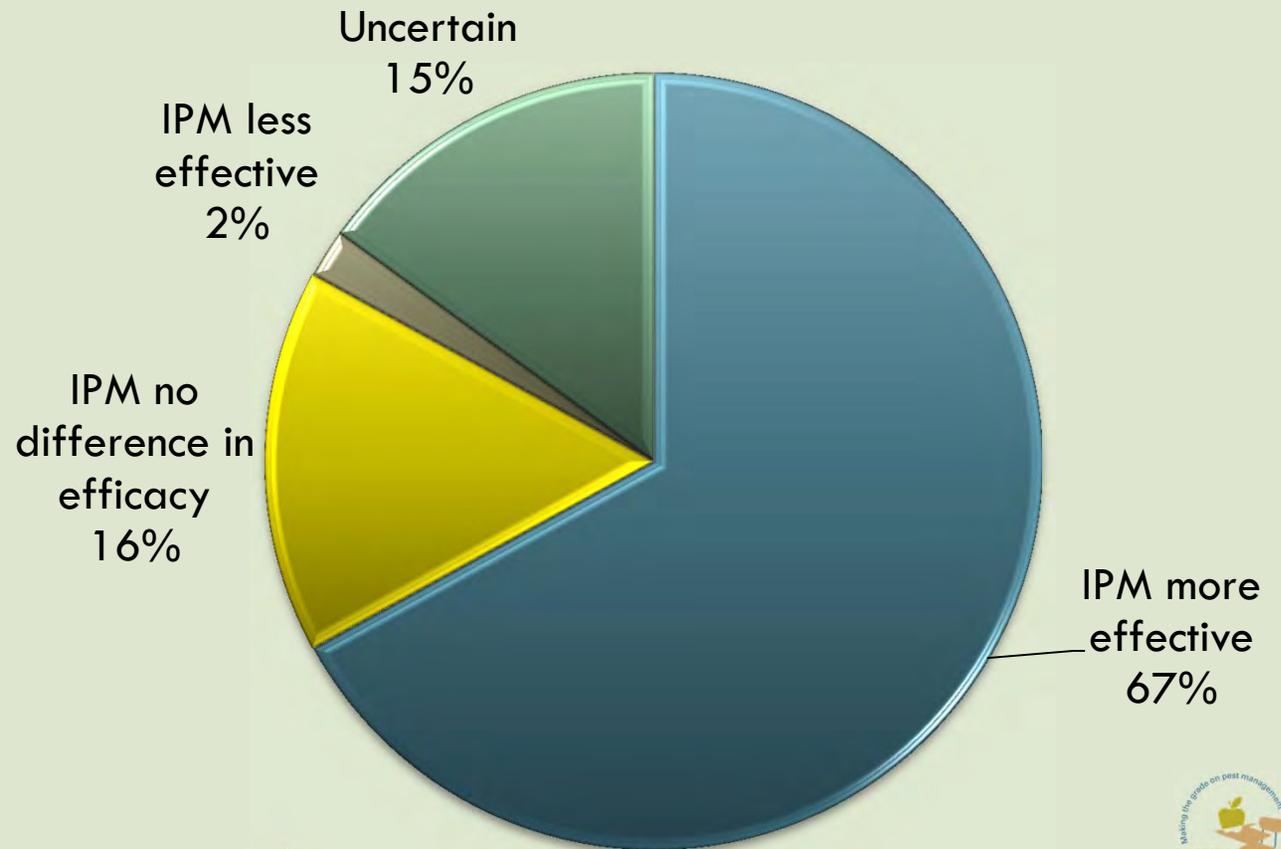
# Other School IPM Presentations:

- Individual school districts
- CAC sponsored classes (CE)
- CAPCA & PAPA (CE)
- Sports Turf Managers Association (CE)
- Association of Applied IPM Entomology (CE)
- California Environmental Health Association Conference (CE)
- California's Coalition for Adequate School Housing
- California Association of School Business Officials
- Bay Area Schools Environmental Conference
- California Green Schools Conference

# 2010 - 2011 School Survey

68% have adopted IPM

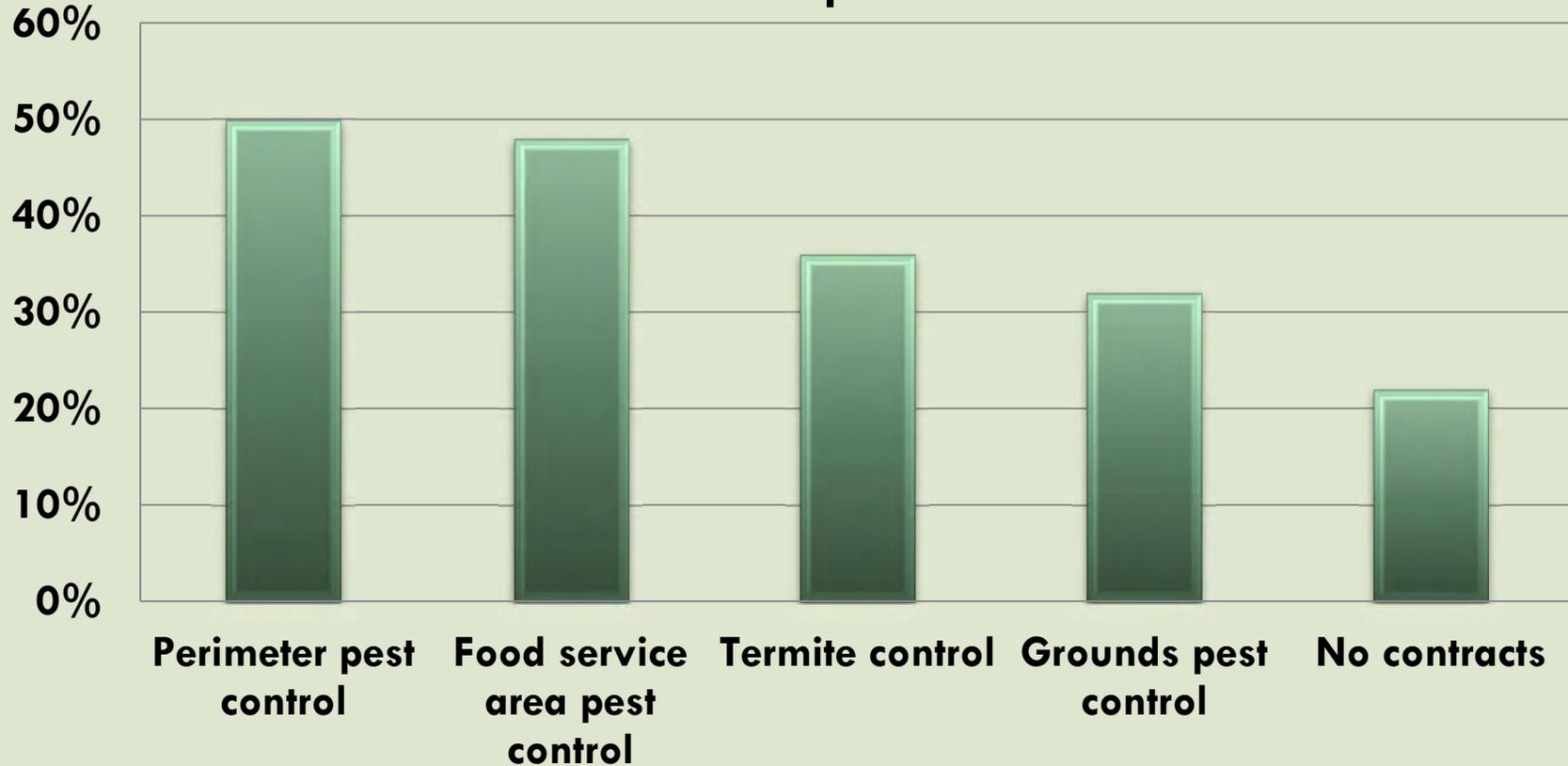
## How effective is IPM?



**Barriers**  
**funding**  
**(75%)**  
**personnel**  
**(58%)**

# 2010 - 2011 School Survey

## School districts with pest control contracts



**78% of California public schools have a pest control contract: low-bid problem, SPCB**

# Child Care IPM Program

- ❖ IPM resources in English and Spanish
- ❖ Bed bug fact sheet for child care centers
- ❖ 2008 & 2013 child care surveys
- ❖ Child Care IPM Toolkit
- ❖ Green Cleaning Toolkit
- ❖ IPM training presentations at child care center managers' conferences throughout CA



**Challenge = 10,000+ centers, no single organization**

# Child Care IPM Video Series

## 7 Training Videos

Available in English with option for Spanish subtitles

- 1) Integrated Pest Management
- 2) Keeping Pests Out
- 3) Do You Have Pests?
- 4) Getting Rid of Ants
- 5) Getting Rid of Cockroaches
- 6) Getting Rid of Mice and Rats
- 7) The Healthy Schools Act



Video Sample

# What's Next?

## DPR Goals for the Future:



- ❖ **100% IPM trained - visit remote school districts**
- ❖ **Pest prevention in school design/retrofits – New web page, outreach to schools, architects and construction firms**
- ❖ **IPM training video series for schools**
- ❖ **Have the best in school IPM motivate the rest! LA Unified spoke at School IPM Workshop in Beaumont**
- ❖ **IPM Honor Roll: highlight IPM achievements**
- ❖ **School and child care IPM training (CE) for pest control operators**

**THANK YOU**

**Email: [school-ipm@cdpr.ca.gov](mailto:school-ipm@cdpr.ca.gov)**