

**County of Los Angeles  
Department of  
Agricultural Commissioner/  
Weights & Measures**



**Production Agriculture  
Pesticide Use Guide**



# **DISTRICT OFFICE LOCATIONS & TELEPHONE NUMBERS**



## **Headquarters — Arcadia**

12300 Lower Azusa Road  
Arcadia, CA 91006  
(626) 575-5466 office  
(626) 443-6652 fax  
Monday - Thursday  
Hours: 7:00 - 5:30

## **Antelope Valley — Lancaster**

335 East Avenue K-10  
Lancaster, CA 93535  
(661) 974-8801 office  
(661) 948-1088 fax  
Monday - Friday  
Hours: 8:00 - 4:30

## **Northern Area — Sylmar**

14445 Olive View Drive #A  
Sylmar, CA 91343  
(818) 833-5790 office  
(818) 833-7797 fax

## **Western Area — Lomita**

24320 Narbonne Avenue  
Lomita, CA 90717  
(310) 534-2770 office  
(310) 326-8862 fax

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# TO OUR GROWERS



This guide provides general information on what is required of a grower who uses pesticides or has pesticides applied by a pest control business (PCB) for the production of agricultural and ornamental commodities.

Specific information can be provided by your County Agricultural Inspector. Information is also contained in the Pesticide Safety Information Series (PSIS) A-1 through A-8 which can be obtained from your Agricultural Inspector or the California Department of Pesticide Regulation (CDPR) website.

You will find this guide to be very helpful in understanding the laws and regulations pertaining to the use of pesticides in these situations.

For more information and updates, you can access these websites:

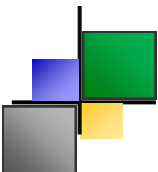
**Los Angeles County Department of  
Agricultural Commissioner/Weights & Measures (ACWM)**  
[acwm.lacounty.gov](http://acwm.lacounty.gov)



**California Department of Pesticide Regulation (CDPR)**  
[www.cdpr.ca.gov](http://www.cdpr.ca.gov)



**California Department of Industrial Relations (DIR)**  
<https://www.dir.ca.gov>



# BASIC REQUIREMENTS



“Operator of the Property” is a person who owns the property and/or is legally entitled to possess or use the property through the terms of a lease, rental contract, trust or other management agreement.

Whether you apply pesticides yourself or hire a PCB to apply pesticides to the property, prior to the purchase and use of pesticides, the operator at the beginning of each and every year:

## ***MUST OBTAIN AN OPERATOR ID NUMBER (Op - ID)***

Or if you intend to use a California Restricted Pesticide:

## ***OBTAIN A RESTRICTED MATERIALS PERMIT (RMP)***

Owners (employers) who apply pesticides are exempt from worker safety regulations; however, you **must** comply with **all** label requirements, including ones specifying personal protective equipment (PPE).

Owners **must comply** with all of the following requirements listed in the booklet regardless of who applies the pesticides.

CCR § 6420, 6622

### ***For more detailed information:***

***See CCR and PSIS references listed at the end of each page.***

#### **CCR - California Code of Regulations**

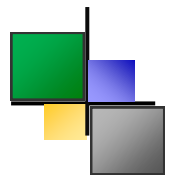
Title 3. Food and Agriculture, Division 6. Pesticides and Pest Control Operations

Title 8. Industrial Relations, Division 1. Cal/OSHA

(§ - section)

#### **PSIS - Pesticide Safety Information Series**

California Department of Pesticide Regulation (CDPR)





# RECORD KEEPING



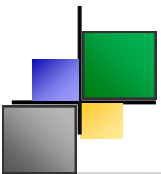
## Maintain the following for 1 year:

- ♦ **Recommendations.** A recommendation is required for any agricultural use unless the application is made by the property operator or his/her employees. It can be written by a Pest Control Adviser or the owner of the property.

## Maintain the following for 2 years:

- ♦ **Permits.** Operator ID or Restricted Materials Permit; make available for the inspector upon request.
- ♦ **Pesticide Use Records (Daily).** A detailed record of **each** pesticide application is required. The totals from these applications are compiled into the Monthly Summary Pesticide Use Report (MSPUR).
- ♦ **Training Records.** Training records and the written training program must be available at a central location at the workplace. It is the employer's responsibility to make sure it is accessible by employees.
- ♦ **Application-Specific Information for Fieldworkers.** The information must be displayed when the operator of the property receives notice of the completion of an application and before any fieldworkers are allowed to enter the treated field.

CCR § 6438, 6440, 6624, 6626, 6724



# CalAgPermits



The CalAgPermits system is a comprehensive tool for counties to manage pesticide permit and use report data with integrated mapping. It is used by all 58 counties and is fully web-based.

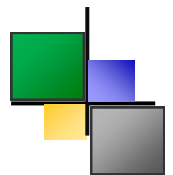
It is a money saving advancement, funded by the California Agricultural Commissioners and Sealers Association (CACASA) and the California Department of Pesticide Regulation (CDPR).

## **Use CalAgPermits to:**

- ◆ Access your current and past Permits/Operator ID's
- ◆ Print the permit and/or email it
- ◆ Keep track of use reports, and instantly submit them to our office
- ◆ Check the status of your reports: DRAFT, SUBMITTED, ACCEPTED
- ◆ Submit notices of intent (NOI)
- ◆ Access training videos that are specific to what you need
- ◆ Access the CDPR website

CDPR News has the latest on regulation changes, newly registered products, precautionary updates, such as Bee Protection, etc.

***Contact our office to get signed up today!  
(626) 575-5466***



# CalAgPermits Home Page



**Welcome**

**Ag PURs**

Enter a new 7 Day Job Report for Commercial Applicators

Enter a new Monthly report for Grover Applications **3**

**MSPURs**

Enter a new Structural Monthly Summary report (MSPUR)

Enter a new Non-structural MSPUR **1**

Enter a new Zero Usage Report

**NOIs**

Enter a new Notice of Intent **4**

**Permits**

Select Permit for viewing

190000B: Test Account PCM

View Permit **2**

**CEDTS**

Upload pre-formatted CEDTS data

**Help and Training**

Training Videos

FAQs Under Construction

**My Licenses and Certifications - Test Account PCM**

License/Cert. #	Type	Expiration	Registered On
12345	PCM		

**My PUR/NOI Activity**

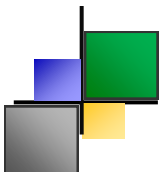
Report Type	Drafts	Submitted	County Entered	Sent to DPR
Ag. Job Reports	<b>5</b> View	View	View	View
Ag. Monthly Reports	View	View	View	View
MSPURs	View	View	View	View
NOIs	View	View	View	

**Useful Links**

California Department of Pesticide Regulation  
- Pesticide Use Reporting (PUR) Forms

1. Use the "Enter a new Non-structural MSPUR" link to your Monthly Summary Pesticide Use Report (MSPUR).
2. View your Permit Number or Operator Identification Number (Operator ID) here.
3. Do not use these tabs.
4. Use to submit a notice of intent (NOI).
5. Find all of your Pesticide Use Reports here. Reports that were started but not submitted will be under the "Drafts" column. Click "View" to see your reports.
  - ◆ Property Operators are required to report all pesticide use by the 10th of the month following the month of use. If you did not use any pesticides, you do not need to submit a report. Remember, you are only responsible for reporting pesticide use performed by your department's personnel. Retain the records of pesticide use given to you by the hired pest control company. Any questions, please contact us.
  - ◆ If you have any problems completing and/or submitting your report, or have submitted a report in error, please call us. We can walk you through the report and reject the report so you can correct and resubmit it; we can also fix it over the phone.

**Call (626)575-5466 for assistance**





# CalAgPermits Use Report Form



Operator ID/ Permit #		190000A: TEST ACCOUNT 1		Document #		Auto Assigned					
Report Month/Year				7 / 2018							
Operator (Grower)		County		Address		City		Zip Code			
		19 Los Angeles County ACWM									
Section	Township	Range	Base & Meridian	Location			Planted Area/Units				
Application Date / Time		6/6/2018		9:00 AM		Application Method/Fume Code		Ground			
Line #:											
Site Identification Number				0-0-0		Block ID		-- opt --			
Commodity Treated				154-0: N-OUTDR PLANTS		Treated Area - Units		4.00		A - ACRES	
				Applied prior to planting <input type="checkbox"/>							
Product EPA Number/Name		53219-6-AA: M-PEDE INSECTICIDE		Days Re-entry		-opt-		Dilution		N/A	
Total Product Used - Units		3.0000		OZ - Ounce		x		Rate		0.75 Ounce/ACRES	
Save Line - New Product		Save Line - New Date		Save Line - New Site/Date		Save Line - Done		Clear Line			
Line	Date/Time Applied	Site ID	Commodity Treated	Pre-plant	Total Planted / Units	Total Treated / Units	EPA / Calif. Reg. No. From Label	Product Name	Appl. Meth	Fume Code	Tot

1. Choose your Operator ID or Permit # from the drop-down menu.
2. Enter the application date & time.
3. Select the application method. It should almost always be "Ground."
4. Select the site ID # & commodity treated. For weed control, select "Non-Ag."
5. Enter the treated area and select the units.
6. Start typing in the EPA registration number or name of the pesticide. The more you type in, the shorter the list will get. Select the correct pesticide by clicking on it in the list.
7. Enter the amount of the pesticide used (concentrate) and select a unit of measure from the drop-down menu.
8. Click on one of the 5 buttons to complete the line and continue to "Next" or "Finish." The line will then appear in the green box below.



# TRAINING



**HANDLERS** - "Handle" means mixing, loading, cleaning, repairing or applying of pesticides; or maintaining, servicing, repairing, cleaning, or handling equipment used in these activities.

If you have employees who handle pesticides (handlers) or who work in a field where pesticides are applied (fieldworkers), you **must** train them **before** they are allowed to handle pesticides or enter a treated field. All training **must** be done by a qualified person\* including any of the following:

\* A qualified person is

- ◆ Private applicator
- ◆ Commercial applicator
- ◆ County Agricultural Inspector
- ◆ UC Extension Advisor
- ◆ Pest control adviser
- ◆ Registered forester
- ◆ A person who has completed a "Training the Trainer" program

## HANDLERS

- ◆ Pesticide handlers **must** be trained **every year** and be continually updated to cover any new pesticides that will be handled.
- ◆ The handler's written training program **must** describe the materials and information that will be provided, and address specific topics.
- ◆ The employer **must** record the date and extent of the training. This training must be verified by the employee's signature.
- ◆ The employer **must** display a completed **PSIS A-8** whenever employees are working as handlers.

## FIELDWORKERS

- ◆ Fieldworkers **must** be trained **every year** and before beginning work in a treated field.
- ◆ The fieldworker's written training program **must** describe the materials and information that will be provided, and address specific topics.
- ◆ The employer **must** record the date and extent of the training. This training must be verified by the employee's signature.
- ◆ The employer **must** display a completed **PSIS A-9** whenever employees are working as fieldworkers.

# LABELS



## THE LABEL IS THE LAW

A copy of the registered pesticide label **must** be available at the work site. Special Local Need (SLN) registrations are supplemental labeling instructions for additional uses authorized by CDPR. The SLN **must** be in possession of the user at the time of the application.

Label exemptions for special local needs and emergency conditions are provided by CDPR or US EPA.

### When to read the label:

- ◆ Before buying the pesticide
- ◆ When planning for the season of pesticide applications
- ◆ Before mixing and applying the pesticide
- ◆ When storing the pesticide
- ◆ Before disposing of unused pesticide and the empty container

**Personal protective equipment (PPE) requirements, environmental concerns, emergency procedures, site/rate instructions, to name a few, provide vital information which the user must follow.**

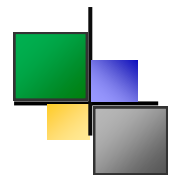
### Conflict with labeling:

Any deviation from instructions except:

- ◆ A decrease in dosage rate per unit treated
- ◆ A decrease in the concentration of the mixture applied
- ◆ Application at a frequency less than specified
- ◆ Use to control a target pest not listed, provided the target site is listed

When using a California restricted material, a notice of intent (NOI) **must** be submitted to our office. NOI's are required at least 24 hours prior to an application. Certain restricted pesticides will require NOI's of an earlier notification. These conditions are specified on the permit.

CCR § 6000, 6434, 6602    7 FAC 12973



# FIELD POSTING



“Field Posting” as defined in CCR 6776, is **in addition to** the regulations listed on the page prior. Certain pesticides used, or the way in which they are used, prompt additional requirements; read pesticide product labeling for information.

The owner or property operator **must** post treated fields and greenhouses in the following circumstances:

- 1st:** Whenever required by the pesticide product labeling, unless access to the field is controlled in a manner that assures no employee (other than the handlers making the application) will enter, work in, remain in, or walk within 1/4 mile during the application and the restricted entry interval.
- 2nd:** All greenhouse applications unless entry is controlled.
- 3rd:** All other application in enclosed space with an REI great than 4 hours.
- 4th:** Any application that has and REI of 48 hours or greater.
- 5th:** There are new notification requirements if treated field is within 1/4 mile of a school site.

Post at the usual points of entry, or at the corner. If adjacent to right-of-ways, posted at not greater than **600 foot** intervals.

- ◆ Post before application begins; however, do not post unless a pesticide application is scheduled within the next 24 hours.
- ◆ Posting **must** be removed within 3 days after the expiration of the REI.
- ◆ There are additional regulations when posting is required for REI’s greater than 7 days.
- ◆ Chemigation applications require additional posting information.

*See CCR 6776 for greater detail.*

## Field fumigation sign requirements

### Treated field and greenhouse sign requirements



CCR § 6618, 6619, 6776, 6784

# POSTING VITAL INFORMATION



**Treated Field (CCR 6000):** A field that has been treated with a pesticide or had a restricted entry interval in effect within the last 30 days. A treated field includes associated roads, paths, ditches borders, headlands, if the pesticide was also directed to those areas. A treated field does not include areas inadvertently contaminated by drift or overspray.

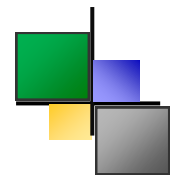
- ◆ The employer **must** display a completed PSIS A-8 and A-9 at the field or a **central location** whenever employees are working as handlers or fieldworkers in a “treated field.”
- ◆ The “Application Specific “information **must** be displayed when the

APPLICATION-SPECIFIC INFORMATION (EXAMPLE)								
Crop or Site Treated	Field ID #	Application Date	Start & End Time	REI	Product Name	EPA Reg #	Active Ingredient	Spray Adjuvant
Grapes	117	1/10/21	6:00 am 10:00 am	8	Uvacure	123-456	Carbine	(If applicable) No Foam B



- ◆ Post the Safety Data Sheet(s) for the applied pesticide(s).
- ◆ Make a map of the growing location, and designate each area with a numbering system. When an application is made, reference the area treated on the table.
- ◆ Make sure single use towels, clean water and soap **must** available within 1/4 mile of the application site. Be sure to have the station away from where pesticide applications take place, to avoid contamination.

CCR § 6619, 6761





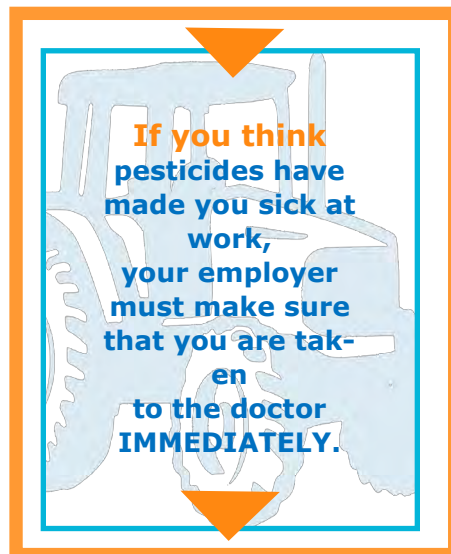
# EMERGENCY MEDICAL CARE



Emergency medical care for employees handling pesticides must be planned for in advance.

The medical care information, PSIS A-8 and/or A-9, must be posted at a prominent place at the work site. These are available in English and Spanish. Fieldworkers and their supervisors are to be informed of this information, which is provided on PSIS A-9. You can either complete the forms with the medical provider's information, or post the medical information next to the A-8/A-9 form.

In either case, if the medical care facility is not readily available, procedures to be followed to obtain immediate medical care must be given.



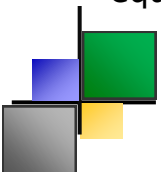
## Respiratory Protection Program

- ◆ The use of respirators **also** requires a special medical evaluation and supervision, record keeping, equipment maintenance, and care.

## Additional Medical Records

- ◆ The use of carbamates and organophosphates with "Warning" or "Danger" labels may require special medical supervision, record keeping and equipment.

CCR § 6726, 6728, 6739, 6766 PSIS A-8, A-9



# DECONTAMINATION



For handlers, the employer **must** assure that sufficient water, soap,\* and single use towels\* are available.

If coveralls are being used, the employer **must** make provisions to store and clean the coveralls. Employees should not be taking coveralls home, unless it is necessary. It is recommended that the work clothes be kept in a sturdy, sealed container, until they can be properly washed at the work facility.

**\* Hand sanitizing gels, liquids, and wet towelettes do not meet the requirements.**

## Change Areas

The decontamination site for employees handling pesticides for uses other than the commercial or research production of an agricultural plant commodity shall be within 100 feet of the mixing/loading site when they are handling pesticides with the signal word "WARNING" or "DANGER" on the label.

CCR§ 6732

# HEAT ILLNESS PREVENTION



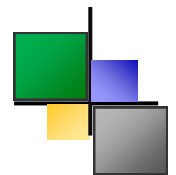
When employees work in hot conditions, employers **must** take special precautions in order to prevent heat illness. Employers of outdoor workers **must** comply with the Cal/OSHA Heat Illness Prevention (HIP) standard.

1. Recognize the hazard
2. Water. Shade. Rest.
3. Acclimatization
4. Prompt medical attention
5. Training
6. Written procedures

8 CCR § 3395

**See Department of Industrial Relations for more information**

**See <http://www.dir.ca.gov/DOSH/HeatIllnessInfo.html>**



# PERSONAL PROTECTIVE EQUIPMENT (PPE)



## “Label” and the “Law” (Regulation)

- ◆ The pesticide **label** addresses specific PPE for the Mixer/Loader, the Applicator, and the Early Entry Worker.
- ◆ The employer **must** provide the employee with the **label and regulation** required PPE.
- ◆ Eye protection is required by **regulation**, for all “hand applications.” ANSI Z87.1-2010 **must** be worn. Safety glasses **must** provide front, brow, and temple protection.

***Common eyeglasses, including sunglasses, do not meet this requirement.***

- ◆ Protective gloves are required by **regulation** unless the label states otherwise. Gloves must be **14mils or thicker**. New regulations state that the label will also address what type of material the gloves shall be constructed of. **See glove card below.**
- ◆ Employers **must** assure employees are provided with and use approved respiratory protective equipment (RPE) when pesticide product labeling or regulations require RPE. The use of respirators requires a medical evaluation.

***There are exemptions. See PSIS A-1 for those exemptions.***

- ◆ **Owners** (employers) who apply pesticides are exempt from worker safety regulations; however, you must comply with **all** label requirements including those specifying personal protective equipment (PPE).

## Using “DANGER” and “WARNING” Labeled Pesticides

- ◆ Coveralls **must** be used when an employee handles a pesticide with the signal word “WARNING” or “DANGER” on the label. Exceptions include: use of a closed system or working from an enclosed cab or cockpit.

CCR § 6738, 6739

PSIS N-1

dpr Glove Category Selection Key		
Label Code	Materials Required by Law	Material Code
A	1,2,3,4,5,6,7,8	1: Laminate
B	1,2	2: Butyl
C	1,2,3,4,7,8	3: Nitrile
D	1,2	4: Neoprene
E	1,3,4,8	5: Natural
F	1,2,3,8	6: Polyethylene
G	1,8	7: PVC
H	1,8	8: Viton

All but Laminate and Polyethylene must be 14 mils or thicker

Respirator Restrictions	
N Type	NO OIL IN MIX; Dispose End of Day
R Type	OIL IN MIX; Dispose After 8 Hours Per Day
P Type	OIL IN MIX; Dispose End of Day
Organic Vapor	Dispose End of Day

Always follow label directions and permit conditions.  
For more information contact your local Agricultural Commissioner or California Department of Pesticide Regulation Worker Health and Safety (916) 445-4222 <http://www.cdpr.ca.gov>

May 2014

# EQUIPMENT, STORAGE, & DISPOSAL



## Equipment

The employer **must** inspect all application equipment and make sure that it is in good condition and safe to operate prior to any application. For example, mixing tanks **must** have covers to prevent splashes and spills. Tanks 50 gallons or greater **must** be equipped with either a sight gauge to indicate the liquid level in the tank, or a shut-off device that will automatically stop the filling operation before the pesticide liquid mixture spills over the top.

## Storage

PPE **must** be stored separately from pesticides and application equipment to prevent contamination. Pesticides **must** remain locked up when not attended.

The storage of pesticides must have distinct separation from other stored materials. The storage **must** be posted with warning signs, when the stored pesticides have the signal word “WARNING” or “DANGER” on the label.

Signs **must** be visible from any direction of probable approach, and be readable at **25 feet**. The notice shall be repeated in an appropriate language other than English when it may reasonably be anticipated that persons who do not understand the English language will come to the enclosure.

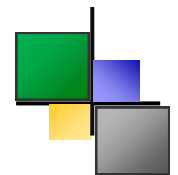


## Disposal Procedures

Containers of less than 28 gallons **must** be rinsed and drained at the mix/load site. Except for the containers to be returned to the registrant or dealer, follow the directions provided in PSIS N-2.

Do not refill or reuse original containers. Destroy canisters and discard in a sanitary landfill.

***Do not put pesticides in containers designated for food, drink, or household products.***



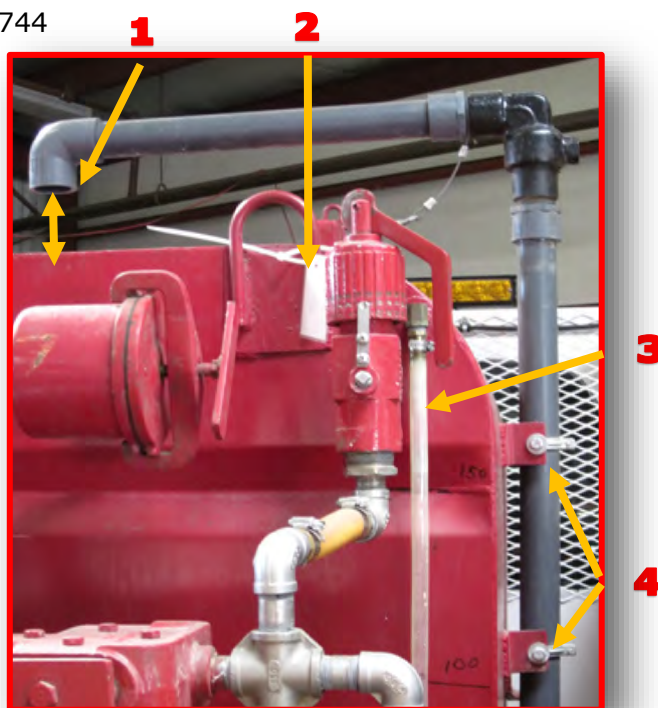
# AIR-GAP SEPARATION



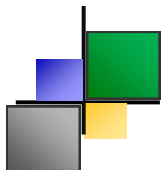
All equipment must be equipped with an air-gap separation backflow prevention device when handling pesticides and drawing water directly from any outside source. Air-Gap Separation is a physical break between the supply line and the receiving vessel. *(This is the only method that is accepted by all water and health agencies).*

CCR § 6610, 6630, 6672, 6674, 6678, 6742, 6744

Backpack type spray equipment with a capacity not exceeding 4 gallons and hand-held sprayers of 3 gallons or less are exempt. They may be filled by hand-holding a hose over the tank. The hose or water container **must** be held well above the tank at all times to prevent contact with the tank or its contents.



1. Air-gap must be at least 1" or twice the diameter of the inlet pipe size.
2. Service container tag with the name of the pesticide(s) and the signal word.
3. Sight gauge.
4. Pipe permanently attached with clamps to the spray tank or the side of the vehicle.
5. A pest control operator's vehicle must be identified with company name or PCO number.
6. Tank lid to prevent splashes and spills; it should be lockable for DANGER or WARNING pesticides.
7. Pesticide storage sign required for DANGER or WARNING pesticides.





# REMEMBER:



**THIS IS A GENERAL GUIDE.**

**LAWS AND REGULATIONS ARE  
PERIODICALLY UPDATED.**

**THERE IS NO SUBSTITUTE FOR KNOWING THE  
LAWS & REGULATIONS THAT GOVERN PESTICIDE USE.**

**IF YOU HAVE QUESTIONS, CONTACT YOUR  
AREA AGRICULTURAL PESTICIDE INSPECTOR.**

**Sincerely,**

**Erin Zavala, Deputy Director  
Environmental Protection Bureau**

**County of Los Angeles Department of  
Agricultural Commissioner/Weights and Measures**

*Credit given to:*

*US EPA: Read the Label logo*

*Cal/OSHA: Cal/OSHA logo, Heat Illness Prevention logo*

*Photographs: Ed Williams, Richard Sokulsky, Malibu Family Wines*

*CDPR: DPR logo, CalAgPermits logo, CA School IPM logo, PSIS, School Posting, Glove Card*

**For more information and updates, you can access these websites:**

**County Agricultural Commissioner  
[acwm.lacounty.gov](http://acwm.lacounty.gov)**

**California Department of Pesticide Regulation  
[www.cdpr.ca.gov](http://www.cdpr.ca.gov)**

**CDPR has updated the materials available for training pesticide handlers and fieldworkers.**

**Search for:**

**Compliance Assistance Booklets for Employers**

**<http://www.cdpr.ca.gov/docs/enforce/cmpliast/bkltmenu.htm>**

**The set of eight booklets cover various topics, and are offered in English and Spanish.**

**Pesticide Safety Information Series (PSIS A1 - A10)**

**<http://www.cdpr.ca.gov/docs/whs/psisenglish.htm>**

**These leaflets include the mandatory A-8, A-9, offered in English, Spanish, and Punjabi.**

