

# **2020 San Mateo County Landscape IPM Workshop**

**COUNTY**<sub>OF</sub> **SAN MATEO**



**Joseph Hannen**

**March 3, 2020**

**Foster City Library Community Center  
San Mateo County Department of Agriculture**

## **2 Part Presentation:**


1.New Worker Protection Standards

2.Common violations of Pesticide Laws  
and Regulation in San Mateo County

# New Worker Protection Standards effective 3/1/18

- <http://www.cdpr.ca.gov/docs/legbills/rulepkgs/17-001/17-001.htm>

- Now aligns with Federal Worker Protection Standard
- Revises the training program requirements for pesticide handlers working in non-production agriculture settings, or in non-agricultural settings
- For all intents and purpose, only **Cal. Code of Regulations(CCR) 6724 (a-e)**, which refers to handler training, applies to cities. The rest of the adopted regulations applies to production agriculture



The screenshot shows the California Department of Pesticide Regulation (CDPR) website. The header includes the CDPR logo, the text "California Department of Pesticide Regulation", and navigation links: "About DPR", "Join E-Lists", "A-Z Index", and "Contact Us". A search bar is also present. Below the header, there are tabs for "HOME", "PROGRAMS", "DATABASES", "NEWS/PUBLICATIONS", and "QUICK LINKS". The main content area is titled "DPR 17-001 Worker Protection Standard". It includes a link to "Back to Proposed and Recently Adopted Regulations" and a sign-up link for "Sign-up to receive Notices of Proposed Regulatory Action via e-mail". The text describes the proposed action to amend sections 6000, 6619, 6724, 6764, 6768, 6769, and 6776 of Title 3, California Code of Regulations. It states that the proposed action will amend DPR's existing worker safety regulations to align with the recently revised federal Worker Protection Standard (Title 40 Code of Federal Regulations, Part 170) that was noticed in the Federal Register, Vol. 80, No. 21 on November 2, 2015. The proposed action deletes the application exclusion zone definition and revises requirements for notice of completed applications, fieldworker training, fieldworker decontamination supplies, and field posting when a pesticide is used for the commercial or research production of an agricultural commodity. In addition, the proposed action revises the training program requirements for pesticide handlers working in production or non-production agriculture settings, or in non-agricultural settings. A list of links is provided at the bottom: "Notice of Proposed Regulatory Action, PDF (33 kb), En Español, PDF (36 kb)", "Proposed Text, PDF (67 kb)", "Initial Statement of Reasons, PDF (64 kb), En Español, PDF (73 kb)", "Economic and Fiscal Impact Statement (Form 399), PDF (1.2 mb)", "Final Statement of Reasons, PDF (65 kb)", and "Final Text of Regulations, PDF (66 kb) Filed with Secretary of State 12/20/17; Effective 3/1/18".

# CCR 6724. Handler Training.

## (a) Written Training Program

New  
Form

Not  
Required

Pesticide Training  
**Employer's Written Handler Training Program**  
Pursuant to 3 CCR section 6724

\_\_\_\_\_  
(Name of Employer)

Name of Firm or Person Providing Training: \_\_\_\_\_

Note: For the commercial or research production of an agricultural plant commodity, the employer must assure the trainer is one of the following at the time of training (trainer licenses or certificates must be valid):

- A California certified applicator (commercial or private) or Agricultural Pest Control Adviser
- A County Biologist License in Pesticide Regulation or Investigation and Environmental Monitoring
- A University of California Extension Advisor
- A person who has completed nan "instructor training" program
- A California Registered Professional Forester
- Other trainer qualification approved by DPR

**Training Materials:**

Name of videos, pamphlets, study guides, or other training materials, and a brief description

- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_
- \_\_\_\_\_

(Attach additional pages if necessary)

**Circle Pesticide Safety Information Series (PSIS) Leaflets Used:**

A-1 A-2 A-3 A-4 A-5 A-6 A-7 A-8 A-9 A-10  
N-1 N-2 N-3 N-4 N-5 N-6 N-7 N-8

**Pesticide product labeling and Safety Data Sheets (SDSs) as noted below:**

	Product Name	Labeling?	SDS?
1	_____	Yes / No	Yes / No
2	_____	Yes / No	Yes / No
3	_____	Yes / No	Yes / No
4	_____	Yes / No	Yes / No
5	_____	Yes / No	Yes / No
6	_____	Yes / No	Yes / No

Pesticide Training  
**Employer's Written Handler Training Program (continued)**  
Pursuant to 3 CCR section 6724

\_\_\_\_\_  
(Name of Employer)

This WRITTEN PROGRAM went into effect on (date): \_\_\_\_\_

This WRITTEN PROGRAM was retired on (date): \_\_\_\_\_

- A copy of the training program must be maintained while in use and for two years after use, at a central location at the workplace.
- Employee training shall be in a manner the employee can understand, be conducted pursuant to this written training program, and include response to questions.
- Training shall be completed before the employee is allowed to handle pesticides, continually updated to cover any new pesticides that will be handled or training topics to be covered, and repeated at least annually thereafter.
- Training for employees handling pesticides used for the commercial or research production of an agricultural commodity must be at a location reasonably free from distraction and trainers must be present throughout the entire presentation.

The following topics are applicable to my employees handling pesticides and are covered in initial and annual training for each pesticide or chemically-similar group of pesticides handled:

Circle if applicable	Training Topic
Yes No	Format and meaning of information, such as precautionary statements about human health hazards, contained in pesticide product labeling
Yes No	Applicator's responsibility to protect persons, animals, and property while applying pesticides; and not to apply pesticides in a manner that results in contact with persons not involved in the application process
Yes No	Need for, limitations, appropriate use, removal, and sanitation of any required personal protective equipment
Yes No	Safety requirements and procedures, including engineering controls (such as closed mixing systems and enclosed cabs) for handling, transporting, storing, disposing of pesticides, and spill clean-up
Yes No	Where and in what forms pesticides may be encountered, including treated surfaces, residues on clothing, personal protective equipment, application equipment, and drift
Yes No	Hazards of pesticides, including acute, chronic, and delayed effects, and sensitization effects, as identified in pesticide product labeling, Safety Data Sheets, or Pesticide Safety Information Series leaflets
Yes No	Routes by which pesticides can enter the body
Yes No	Signs and symptoms of overexposure

# CCR 6724.Handler Training(a)Written Training Program

**Pesticide Training**  
**Employer's Written Handler Training Program**  
Pursuant to 3 CCR section 6724

(Name of Employer)

**Name of Firm or Person Providing Training:**

For the commercial or research production of an agricultural plant commodity, the employer must assure the trainer is one of the following at the time of training (training certificates or certificates must be valid):

- A California certified applicator (commercial or private) or Agricultural Pest Control Adviser
- A County Biologist License in Pesticide Regulation or Investigation and Environmental Monitoring
- A University of California Extension Advisor
- A person who has completed a written training program
- A California Registered Professional Forester
- Other trainer qualification approved by DPR

**Training Materials:**

Name of videos, pamphlets, study guides, or other training materials, and a brief description

1 \_\_\_\_\_

2 \_\_\_\_\_

3 \_\_\_\_\_

4 \_\_\_\_\_

5 \_\_\_\_\_

(Attach additional pages if necessary)

**Circle Pesticide Safety Information Series (PSIS) Leaflets Used:**

A-1 A-2 A-3 A-4 A-5 A-6 A-7 A-8 A-9 A-10

N-1 N-2 N-3 N-4 N-5 N-6 N-7 N-8

**Pesticide product labeling and Safety Data Sheets (SDSs) as noted below.**

	Product Name	Labeling?	SDS?
1		Yes / No	Yes / No
2		Yes / No	Yes / No
3		Yes / No	Yes / No
4		Yes / No	Yes / No
5		Yes / No	Yes / No
6		Yes / No	Yes / No

# 6724. Handler Training(a) Written Training Program

Pesticide Training  
**Employer's Written Handler Training Program (continued)**  
Pursuant to 3 CFR section 6724

\_\_\_\_\_  
(Name of Employer)

This WRITTEN PROGRAM went into effect on (date): \_\_\_\_\_

This WRITTEN PROGRAM was retired on (date): \_\_\_\_\_

- A copy of this training program must be maintained while in use and for two years after use, at a central location at the workplace.
- Employee training shall be in a manner the employee can understand, be conducted pursuant to this written training program, and include response to questions.
- Training shall be completed before the employee is allowed to handle pesticides, continually updated to cover any new pesticides that will be handled or training topics to be covered, and repeated at least annually thereafter.
- Training for employees handling pesticides used for the commercial or research production of an agricultural commodity must be at a location reasonably free from distraction and trainers must be present throughout the entire presentation.

The following topics are applicable to my employees handling pesticides and are covered in initial and annual training for each pesticide or chemically-similar group of pesticides handled:

Circle if applicable	Training Topic
Yes No	Format and meaning of information, such as precautionary statements about human health hazards, contained in pesticide product labeling
Yes No	Applicator's responsibility to protect persons, animals, and property while applying pesticides; and not to apply pesticides in a manner that results in contact with persons not involved in the application process
Yes No	Need for, limitations, appropriate use, removal, and sanitation of any required personal protective equipment
Yes No	Safety requirements and procedures, including engineering controls (such as closed mixing systems and enclosed cabs) for handling, transporting, storing, disposing of pesticides, and spill clean-up
Yes No	Where and in what forms pesticides may be encountered, including treated surfaces, residues on clothing, personal protective equipment, application equipment, and drift
Yes No	Hazards of pesticides, including acute, chronic, and delayed effects, and sensitization effects, as identified in pesticide product labeling, Safety Data Sheets, or Pesticide Safety Information Series leaflets
Yes No	Routes by which pesticides can enter the body
Yes No	Signs and symptoms of overexposure



- **Complete 1 copy for all employees.**
- ✓ The Written Training Program does not need to be completed for every employee like pesticide handler training forms.
- **Describe materials and information used to train handlers**

- Address each of the **subjects** that is applicable to the specific pesticide handling situation
- Kept for **2 years** at a central location at the workplace.



# CCR 6724.Handler Training (b) Topics

**New  
Form**

## ANNUAL PESTICIDE HANDLER SAFETY TRAINING RECORD

Employer/Company: \_\_\_\_\_

Employee: \_\_\_\_\_  
Last Name First Name Signature

Trainer: \_\_\_\_\_  
Last Name First Name Signature

Trainer's Licenses/Qualifications: \_\_\_\_\_

Employee Duties ☐ Applicator ☐ Service/Repair ☐ Other \_\_\_\_\_

Date of Training \_\_\_\_/\_\_\_\_/\_\_\_\_

\* Training shall be completed before the employee is allowed to handle pesticides, continually updated to cover any new pesticides that will be handled, and repeated at least annually thereafter.

\* This training shall be in a manner the employee can understand, be conducted pursuant to the written training program, and include response to questions. This record shall be retained for two years and be accessible to employees.

\* Training for employees handling pesticides used for the commercial or research production of an agricultural commodity must be at a location reasonably free from distraction and trainers must be present throughout the entire presentation.

### TRAINING TOPICS CHECK-OFF LIST

The training shall cover, for each pesticide or chemically similar group of pesticides, to be used:

- ☐ 1. Format and meaning of information, such as precautionary statements about human health hazards, contained in pesticide product labeling;
- ☐ 2. Applicator's responsibility to protect persons, animals, and property while applying pesticides; and not to apply pesticides in a manner that results in contact with persons not involved in the application process;
- ☐ 3. Need for limitations, appropriate use, removal, and sanitation of any required personal protective equipment;
- ☐ 4. Safety requirements and procedures, including engineering controls (such as closed mixing systems and enclosed cabs) for handling, transporting, storing, disposing of pesticides, and spill clean-up;
- ☐ 5. Where and in what forms pesticides may be encountered, including treated surfaces, residues on clothing, personal protective equipment, application equipment, and drift;
- ☐ 6. Hazards of pesticides, including acute, chronic, and delayed effects, and sensitization effects, as identified in pesticide product labeling, Safety Data Sheets, or Pesticide Safety Information Series leaflets;
- ☐ 7. Routes by which pesticides can enter the body;
- ☐ 8. Signs and symptoms of overexposure;
- ☐ 9. Routine decontamination procedures when handling pesticides, including that employees should:

- A) Wash hands before eating, drinking, using the toilet, chewing gum, or using tobacco;
- B) Thoroughly wash or shower with soap and water;
- C) Change into clean clothes as soon as possible; and
- D) Wash work clothes separately from other laundry before wearing them again.

- ☐ 10. How Safety Data Sheets provide hazard, emergency medical treatment, and other information about the pesticides with which employees may come in contact;
- ☐ 11. The hazard communication program requirements of 3 CCR, section 6723;
- ☐ 12. ☐ N/A The purposes and requirements for medical supervision if organophosphate or carbamate pesticides with the signal word "DANGER" or "WARNING" on the labeling are mixed, loaded, or applied for the commercial or research production of an agricultural plant commodity;
- ☐ 13. First aid and emergency decontamination procedures, and emergency eye flushing techniques; and if pesticides are spilled or sprayed on the body to wash immediately with decontamination supplies and as soon as possible, wash or shower with soap and water and change into clean clothes;
- ☐ 14. How and when to obtain emergency medical care;
- ☐ 15. Prevention, recognition, and first aid for heat-related illness in accordance with Title 8 of the California Code of Regulations, section 3395;
- ☐ 16. Requirements of this chapter and chapter 4 relating to pesticide safety, Safety Data Sheets, and Pesticide Safety Information Series leaflets;
- ☐ 17. The requirement that handlers of pesticides used in the commercial or research production of an agricultural commodity must be at least 18 years of age;
- ☐ 18. Environmental concerns such as drift, runoff, and wildlife hazards;
- ☐ 19. Field posting requirements and restricted entry intervals when pesticides are applied for the commercial or research production of an agricultural commodity;
- ☐ 20. That employees should not take pesticides or pesticide containers home from work;
- ☐ 21. Potential hazards to children and pregnant women from pesticide exposures, including that:
  - A) Children and nonworking family members should keep away from treated areas;
  - B) After performing handling activities or after working in a treated area, employees should remove boots or shoes before entering the home and remove work clothes; and
  - C) Employees should wash or shower before physical contact with children or family members.
- ☐ 22. How to report suspected pesticide use violations; and
- ☐ 23. The employee's rights, including the right:
  - A) To personally receive information about pesticides to which he or she may be exposed;
  - B) For his or her physician or an employee representative designated in writing to receive information about pesticides to which he or she may be exposed; and
  - C) To be protected against retaliatory action due to the exercise of any of his or her rights; and
  - D) To report suspected use violations to the Department or county agricultural commissioner.

### Respirator Training - 3CCR Section 6739:

- ☐ I will be wearing a respirator because it is required by label, permit conditions, regulation or employer policy. This requires full respirator training, medical evaluation, selection, fit testing and documentation.
- ☐ I will be wearing a respirator voluntarily but it is not required by label, permit conditions, regulation or employer policy. Depending upon the type and source of respirator, this may require modified respirator training, medical evaluation, documentation and postings under the Voluntary Respirator Protection Program - 6739(r).
- ☐ I will not be wearing a respirator of any type and therefore do not require respirator training, medical evaluation, selection, fit testing or documentation.

### List of Trade Names or Common Names of Pesticides Covered In Training

1.	7.	13.
2.	8.	14.
3.	9.	15.
4.	10.	16.
5.	11.	17.
6.	12.	18.

Note: It is the employer's responsibility to be familiar with all current laws and regulations pertaining to worker safety requirements. This form may need to be updated periodically. Check with your Agricultural Commissioner's Office.  
San Mateo County Agricultural Commissioner's Office - 2018

**Not  
Required**


Print EMPLOYEE'S Name: \_\_\_\_\_  
 EMPLOYEE'S Signature: \_\_\_\_\_  
 Print EMPLOYER'S Name: \_\_\_\_\_  
 Print TRAINER'S Name: \_\_\_\_\_  
 Trainer Qualifications: \_\_\_\_\_

☐ Mixer/Loader  
☐ Applicator  
☐ Service/Repair  
☐ Flagger  
☐ Other

		Specific Pesticides				
	Annual Training					
Trainer Initials						
Employee Initials						

Subjects as Specified in Section 6724(b) of the California Code of Regulations

Subjects as Specified in Section 6724(b) of the California Code of Regulations								
Safe Use of Pesticides	READ THE LABEL: Signal word, caution statements, first aid, rate, dilution volume. Applicable laws and regulations. MSDS and PSIS leaflet.							
	PROTECTIVE CLOTHING AND EQUIPMENT: Coveralls, gloves, goggles, boots, respirator, apron. Equipment cleaning and maintenance.							
	USE OF ENGINEERING CONTROLS (i.e., closed system, enclosed cabs).							
	SAFETY PROCEDURES: To be followed while mixing, loading, applying pesticides. Procedures for handling non-routine tasks or emergency situations.							
	DRIFT: Confine the spray to the crop. Watch out for people, animals, waterways, or any special hazard.							
	TRIPLE RINSE PESTICIDE CONTAINERS AT TIME OF USE: Never take home pesticide containers used at work.							
	STORE pesticides in a LOCKED and posted area or attended by an authorized person.							
	WEAR CLEAN WORK CLOTHES DAILY. Be aware of pesticide residues on clothing.							
Health Information	WASH hands and arms with SOAP & WATER: Before eating, drinking, smoking, going to the bathroom. Emergency eye flushing techniques.							
	WASH COMPLETELY at the end of the workday. Change into clean clothing.							
	EMERGENCY MEDICAL INFORMATION: Name, address, phone number of clinic, physician, or hospital emergency room & where information is located.							
	HEAT RELATED ILLNESS: Prevention, recognition, and first aid treatment.							
	LOCATION OF PESTICIDE SAFETY INFORMATION SERIES (PSIS): Material Safety Data Sheets (MSDS), Pesticide Use Records, safety posters, and Restricted Entry Interval Information.							
	EMPLOYEE'S RIGHTS: Against discharge, discrimination. Right to receive information.							
	NEED FOR IMMEDIATE DECONTAMINATION of skin and eyes when exposure occurs.							
	SYMPTOMS OF POISONING: Pinpoint pupils, nausea, shortness of breath, dizziness, headaches, blurred vision. Ways poisoning or injury can occur.							
	ROUTES THROUGH WHICH PESTICIDES ENTER THE BODY.							
	UNDERSTANDING THE IMMEDIATE AND LONG TERM HAZARDS involved in handling pesticides. Known or suspected chronic and acute effects.							
	MEDICAL SUPERVISION: Required when working with carbamate or organophosphate pesticides with signal word of DANGER or WARNING.							
		Date of Training						



Old  
Form

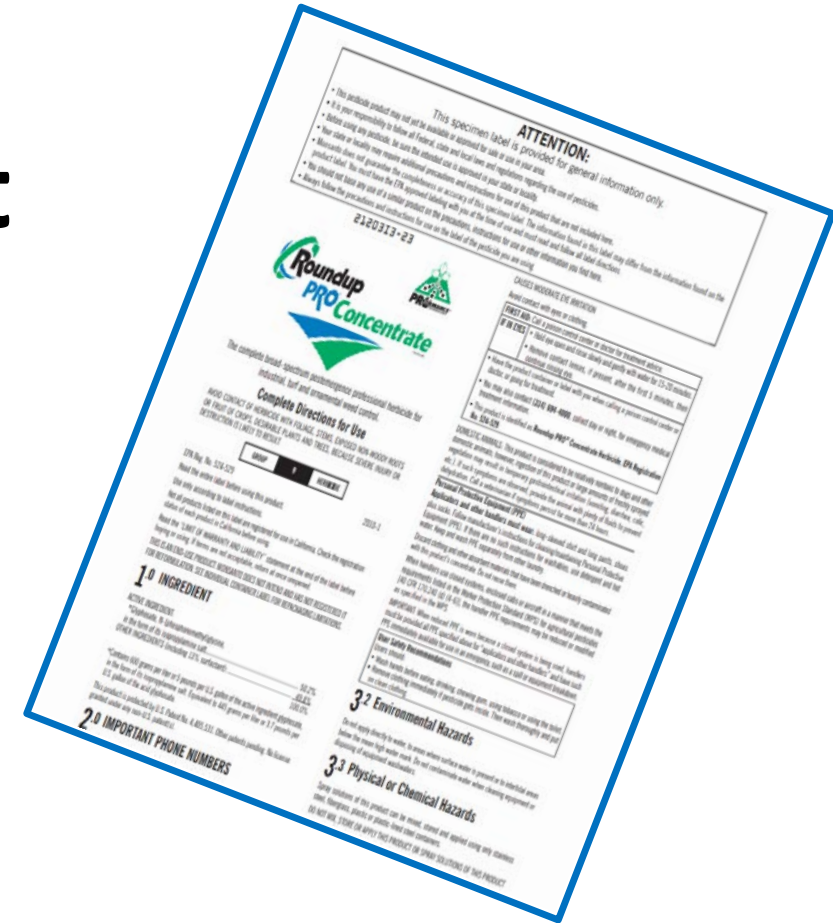
# Difference between old and new pesticide handler training form

- New form has 23 specific topics : 19 topics for old form
- Expanded scope for new form

# Topic 1: Handler Training

## Format and meaning of information in pesticide product label

- Precautionary statements about human health hazards





## Topic 2: Handler Training

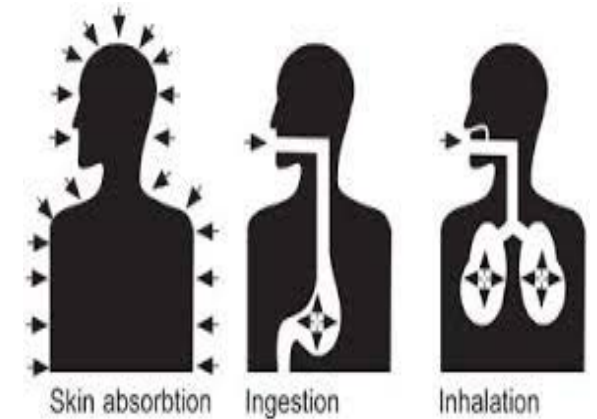
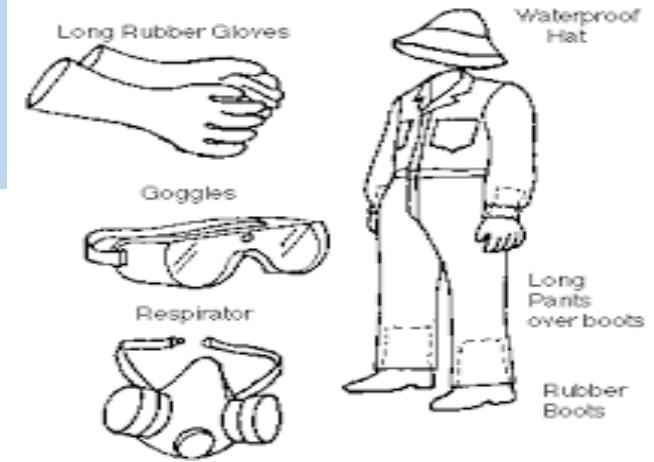
- Applicator's responsibility to **protect persons, animals, and property** while applying pesticides;
- and not to apply pesticides in a manner that results in **contact with persons not involved** in the application process.



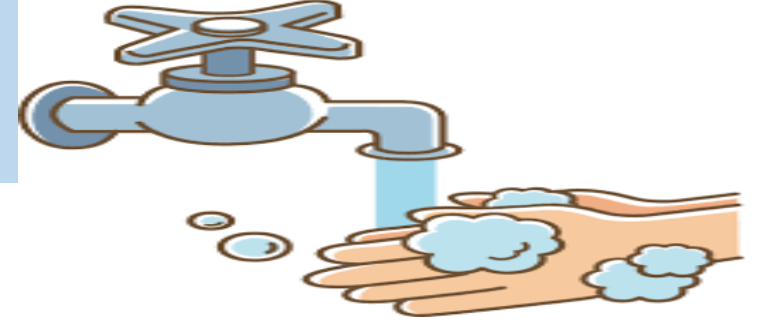
# Topic 5: Handler Training

Where and in what forms pesticides may be encountered, including:

- Treated surfaces
- Residues on clothing, PPE, application equipment
- Drift



## Topic 9: Handler Training



### Routine decontamination procedures

when handling pesticides, including that employees should:

- (A) **Wash hands** before eating, drinking, using the toilet, chewing gum, or using tobacco;
- (B) Thoroughly wash or shower with **soap and water**;
- (C) **Change into clean clothes** as soon as possible; and
- (D) **Wash work clothes separately** from other laundry before wearing them again.



# Topic 11: Hazard Communication for Non-Agri. Pesticide Handlers CCR 6723

- PSIS N-8 must be **posted**:
  - **Central location** in the workplace.
  - Upon request, the employer shall **read** to the requesting employee, in a language **understandable** to that employee.

**PESTICIDE SAFETY** Information **dpr**

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY **N No. 8**

### Safety Rules for Pesticide Handlers in Non-Agricultural Settings

The pesticide label, your training, and the Pesticide Safety Information Series (PSIS) leaflets tell you about pesticide dangers at work. You must be at least 18 years old to mix or load a pesticide that requires an air-supplied respirator, a closed system or full-body chemical-resistant clothing.

### EMERGENCY MEDICAL CARE

Your employer must make plans for emergency medical care before you start working with pesticides. If you think that pesticides made you sick or hurt you at work, immediately tell your employer. They must make sure you get medical care as soon as possible. **DO NOT TAKE ANY MEDICINE** without your employer's permission.

Emergency medical care is available at:

NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

PHONE: \_\_\_\_\_

If more space is needed to list medical facilities, you may attach a list to the back of this leaflet in the above space.

**REMEMBER:** You **DO NOT** have to pay for medical care if you get sick or hurt from pesticides at work.

**EMPLOYERS:** This is the hazard communication leaflet for pesticide handlers. Fill in the blank lines in this leaflet and display a copy of this handout at a central location in the workplace (such as an employee break room). If requested, you must read this leaflet to an employee in a language the employee understands.

CA Department of Pesticide Regulation • 1001 I Street, Sacramento CA 95814 PSIS N No. 8 (HS-1749) 2018 N8 • 1

# Hazard Communication for Pesticide Handlers

## CCR 6723

- Outlines **Rights** of Employees:
  - Right to Access and Review records.
  - Right to Worker's Compensation.
  - Right to Obtain Information
  - Right to Report Unsafe Conditions
  - Right to be Protected from Retaliation

**WHAT ARE MY RIGHTS?**

Your employer must explain your rights to you. If you need help understanding your rights, call or go to your local County Agricultural Commissioner's office, local legal aid and worker's rights organization, union, or the Department of Pesticide Regulation (DPR).

**1. Right to Access and Review Records**

You have the right to look at pesticide use records, applicable safety series leaflets, and Safety Data Sheets (SDSs) for all pesticides used in the last two years where you work. A SDS tells you about the pesticide and its hazards. You also have the right to review your training records and any other documents related to monitoring or potential exposure. You must be informed of this location before you handle pesticides and in your annual training. These records are kept at:

ADDRESS: \_\_\_\_\_

If this location changes, your employer must promptly tell you of the new location.

**2. Right to Worker's Compensation**

If you get sick or hurt BECAUSE OF YOUR JOB, you have the right to receive worker's compensation. Worker's compensation will pay for your medical bills, and sometimes, lost pay.

**3. Right to Obtain Information**

You, your doctor, or your representative designated in writing can receive information about your pesticide exposure or any other pesticide record your employer is required to keep.

**4. Right to Report Unsafe Conditions**

Pesticide safety for workers is the top priority of the County Agricultural Commissioner and DPR. You have the right to report unsafe pesticide work conditions and suspected use violations without being punished or fired. Your employer will not be told who made the complaint. Your statements about the safety problems must be checked out right away.

**5. Right to Be Protected From Retaliation**

You are protected from being fired, from discrimination, and from any retaliatory action due to the exercise of any of your rights.

**SAFETY TIP 8**

**HOW CAN I TELL WHICH PESTICIDES ARE MORE DANGEROUS?**

Most pesticide labels have a signal word ("Danger," "Warning," "Caution") on the front of the label. This word tells you about the acute health effect of the pesticide.

**IF YOU THINK pesticides have made you sick at work, immediately tell your employer. Your employer must make sure that you are taken to the doctor IMMEDIATELY.**

CA Department of Pesticide Regulation • 1001 I Street, Sacramento CA 95814

N8 • 2

# Hazard Communication for Pesticide Handlers

## CCR 6723

- Training each year. References to other PSIS.
- **N-1** – Working safely with pesticides
- **N-2** – Storing, Moving and Disposing of Pesticides
- **N-4** – First Aid and Emergency Decontamination
- **N-5** Protecting Yourself from Breathing Pesticides
- **N-7** Washing Pesticide Work Clothing

### WHO DO I TELL ABOUT DANGERS AT WORK?

Pesticides are only one kind of danger at your work. If you have a complaint about a pesticide safety problem, call your county agricultural commissioner. You can look up the commissioner's number in the government pages of your local phone book, or by calling DPR's information line, 1-877-PestLine (1-877-378-5463). If you have other health and safety complaints (unsafe equipment, heat stress, drinking water, etc.), file them with the California Department of Industrial Relations Cal/OSHA office by calling: 1-844-522-6734.

### WHAT PESTICIDE TRAINING SHOULD I GET?

Your employer must give you training in a way that you understand **BEFORE** you begin working with pesticides, and anytime you work with new pesticides. You must get training **EACH YEAR** to remind you how to work with pesticides safely. Your employer must:

- Tell you the ways a pesticide can hurt you and how to safely use each pesticide you work with (ask your employer for the N-1 safety leaflet to learn more about training).
- Tell you how to move pesticides from one place to another, or dispose of empty pesticide containers (there are special rules your employer must tell you about. Ask for the N-2 safety leaflet for more information).
- Give you extra training if you use engineering controls such as closed systems (ask your employer for the N-3 safety leaflet).
- Train you on first aid and emergency decontamination (ask your employer for the N-4 safety leaflet).
- Give you extra training if you have to use a respirator (ask your employer for the N-5 safety leaflet).
- Train you to wash your work clothes separately from other clothes before wearing them again (ask your employer for the N-7 safety leaflet).

Other safety leaflets mentioned in this document should be part of your training. They are free and are available from your employer, your county agricultural commissioner, or DPR's website at <http://www.cdpr.ca.gov/docs/whs/psisenglish.htm>.

All the information about your training must be written down. You will be given a paper to sign to show you have been trained and what pesticides you have been trained on. Only sign this form after you have finished the training and you understand what you heard.

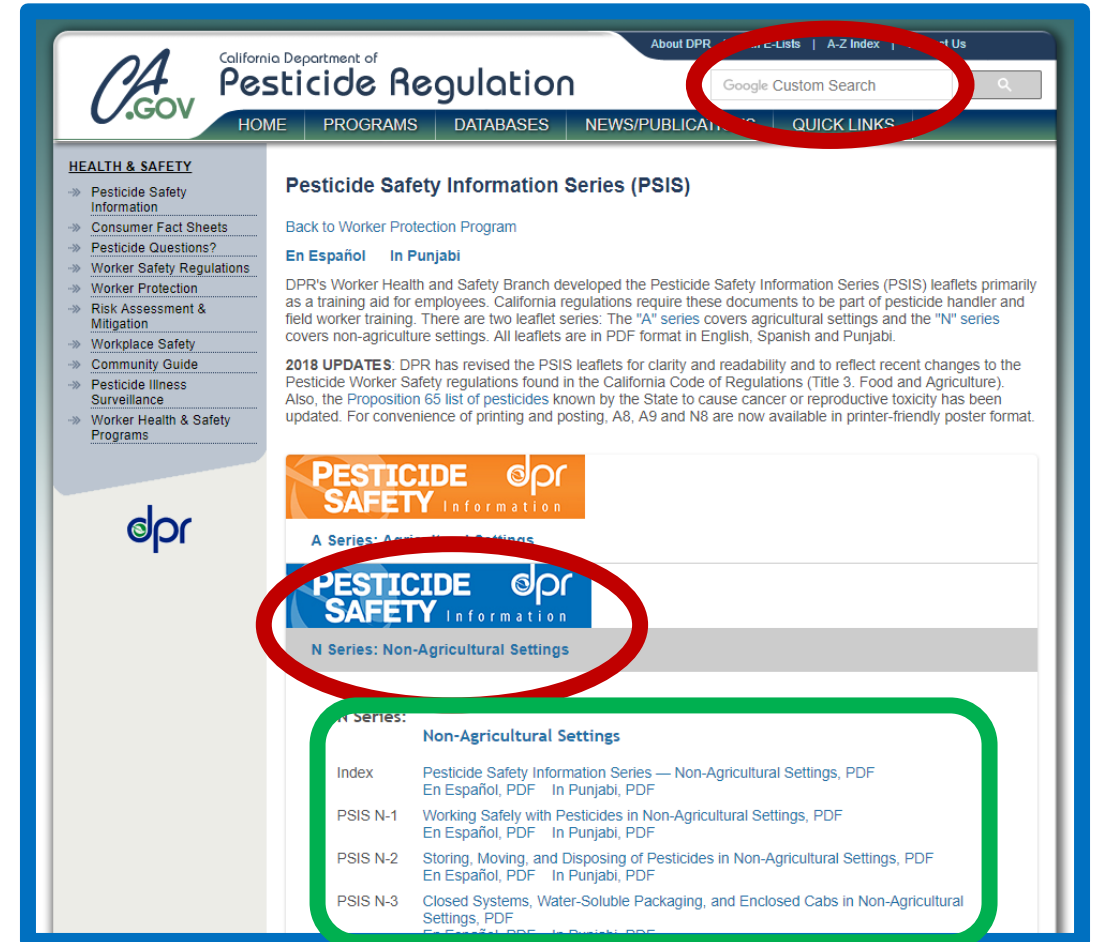


Pesticide Name	
EPA Registration No.	
Active Ingredients	xx%
Inert Ingredients	x%
<b>DANGER</b>	
First Aid	
This acute oral dose is in repetitive sublethal range with some effects below no-observable-adverse-effect level.	
Precautionary Statements	
Hazards to Humans	
Personal Protective Equipment	
Environment Hazards	
Agricultural Use Requirements	
Do not apply to crops, animals, or humans in any way.	
Directions for Use	
Equipment and operator must wear protective clothing, use insect repellent, and avoid contact with treated areas.	

# Hazard Communication for Pesticide Handlers

## CCR 6723

- Location of the PSIS N-Series:
  - DPR website
  - Search PSIS
  - N- Series (Non-Agricultural Settings)





# Topic 13: Handler Training

- **First aid and emergency decontamination procedures and emergency eye flushing techniques;**
- If pesticides are spilled or sprayed on the body, **to wash immediately** with decontamination supplies and as soon as possible, wash or shower with soap and water and **change into clean clothes**



# Topic 14: Handler Training

- How and when to obtain emergency medical care.



- If the employer suspects that an employee could have a pesticide related illness or exposure, the employee must be taken to medical care immediately
- Be prepared to provide
  - SDS
  - Product name
  - EPA number
  - Active ingredient
  - Circumstances of application or use that may have resulted in exposure

UPI		Safety Data Sheet	
United Phosphorus, Inc.		Preparation Date 29-Apr-2015	Revision date 30-Apr-2015
		Revision Number: 1	
<b>1. Identification of the Substance/Preparation and of the Company/Undertaking</b>			
<u>Product Identifier</u>		Lifeline Herbicide	
<u>Product Description:</u>			
<u>Other means of identification</u>			
Item#:	12U-901		
Synonyms	Not Available		
Registration number(s)	70506-310		
<u>Recommended use of the chemical and restrictions on use</u>			
Recommended use	Herbicide.		
Uses advised against	Activities contrary to label recommendation		
<u>Details of the Supplier of the Safety Data Sheet</u>			
<u>Supplier Address</u>			
UPI			
630 Freedom Business Center			
Suite 402			
King of Prussia, PA 19406			
<u>Emergency telephone number</u>			
Company Phone Number	1-800-438-6071		
Emergency telephone number	Chemtrec: (800) 424-9300 (24hrs) or (703) 527-3887		
	Medical: Rocky Mountain Poison Control Center		
	(866) 673-6671 (24hrs)		
<b>2. Hazards Identification</b>			
<u>Classification</u>			
<b>OSHA Regulatory Status</b>			
This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)			
Acute toxicity - Dermal		Category 4	
Acute toxicity - Inhalation (Vapors)		Category 3	
Reproductive Toxicity		Category 1B	
Specific target organ toxicity (repeated exposure)		Category 2	
FLAMMABLE LIQUIDS		Category 4	
<u>Label elements</u>			
<b>EMERGENCY OVERVIEW</b>			
DANGER			



# Topic 15: Handler Training

## Prevention, recognition, and first aid for heat-related illness in accordance with Title 8 of the California Code of Regulations, section 3395



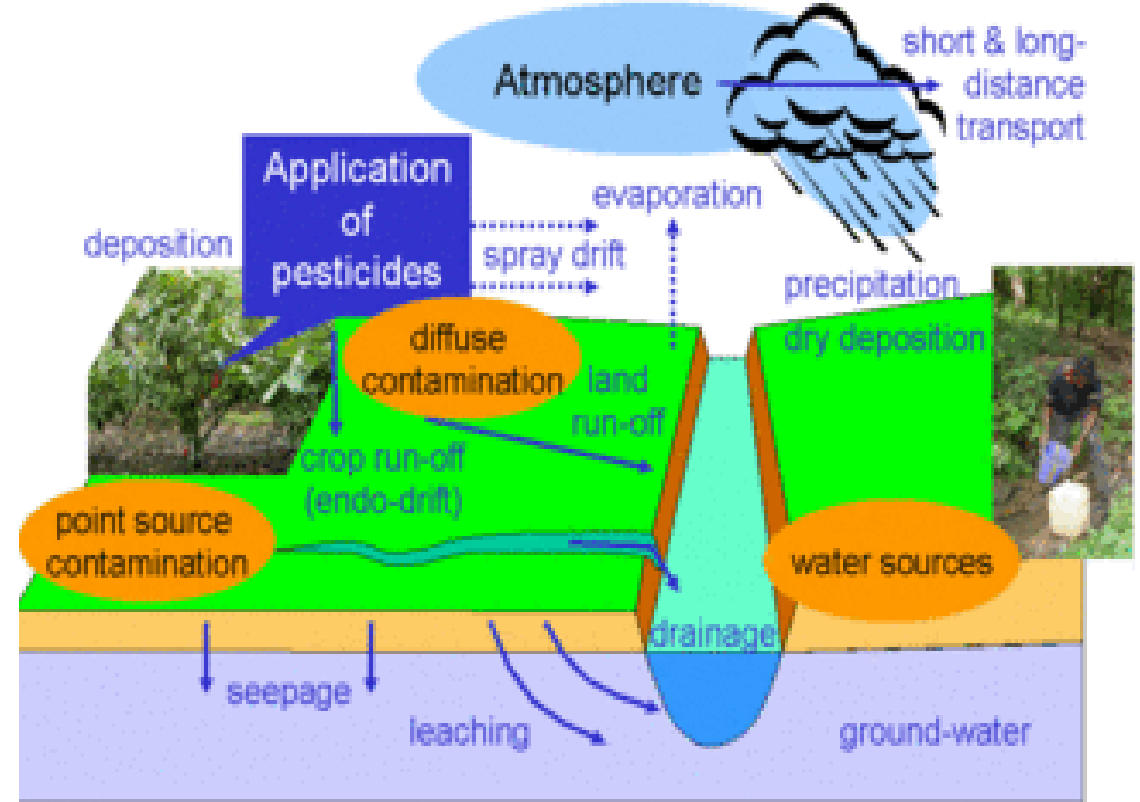
# Topic 18: Handler Training

## Environmental concerns:

➤ Drift

➤ Runoff

➤ Wildlife hazards



## Topic 20: Handler Training

- That employees should not take pesticides or pesticide containers home from work





## Topic 21: Handler Training

**Potential hazards to children and pregnant women from pesticide exposures, including that:**

**1.Children and nonworking family members should keep away from treated areas;**



**2. After performing handling activities or after working in a treated area, employees should remove boots or shoes before entering the home and remove work clothes; and**



**3. Employees should wash or shower before physical contact with children or family members.**



# Topic 22: Handler Training

## ➤ How to report suspected pesticide use violations



COUNTY OF SAN MATEO  
AGRICULTURE / WEIGHTS AND MEASURES

SEARCH



Translate



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Weights and Measures ▼

Agricultural Crop Report ▼

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PESTICIDE USE NEAR SCHOOLS



FIND OUT MORE HERE... »

Agriculture/Weights & Measures

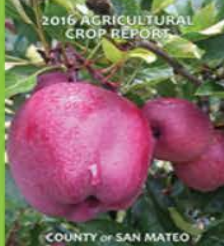
728 Heller Street  
Redwood City, CA 94064  
Phone: (650) 363-4700  
Fax: (650) 367-0130

[smateoag@smcgov.org](mailto:smateoag@smcgov.org)

CERTIFIED FARMERS' MARKETS



FIND YOUR NEAREST FARMERS' MARKET



2016 CROP REPORT



CANNABIS CULTIVATION



WEIGHTS & MEASURES



PEST EXCLUSION

AGRICULTURAL OMBUDSMAN



AGRICULTURAL PERMITS



PESTICIDE REGULATION



CUSTOMER SATISFACTION SURVEY

## Topic 23: Handler Training Rights

The employee's **rights**, including the right:

(A) To **personally receive information about pesticides** to which he or she may be exposed;

(B) For his or her **physician or an employee representative designated in writing to receive information about pesticides** to which he or she may be exposed; and



# Handler Training Rights

(C)To be protected **against retaliatory action** due to the exercise of any of his or her rights; and

(D)To **report suspected use violations** to the Department or county agricultural commissioner

# CCR 6724. Handler Training (c)

- Training shall be in a manner the **employee can understand**
- Conducted **pursuant to the written training program**
- Include response to **questions.**

# CCR 6724. Handler Training (d)

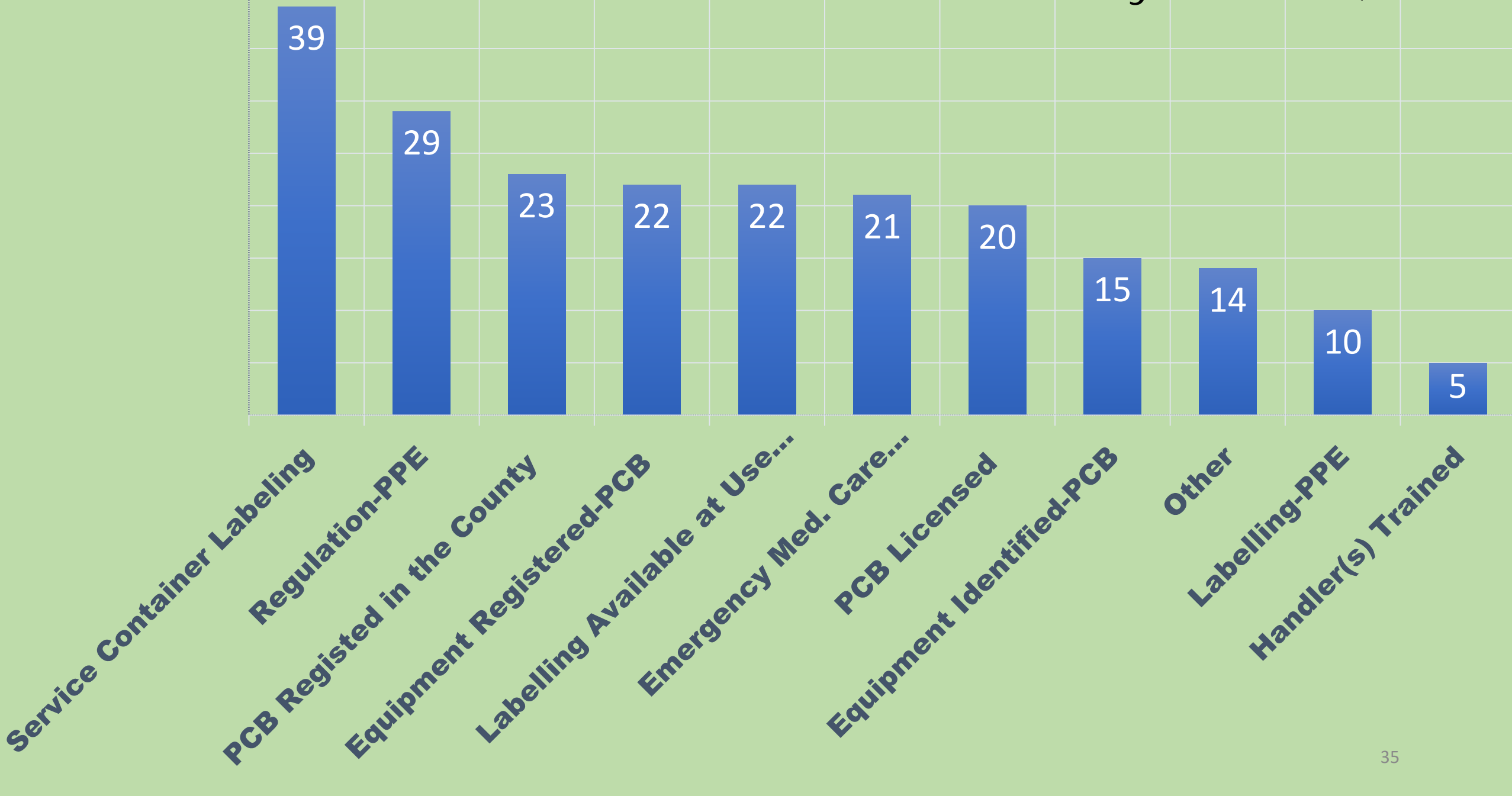
- Completed **prior** to handling pesticides
- Updated to cover **new** pesticides
- Repeated **annually** hereafter
- Certified applicators are considered trained  
(example: QAL, QAC, PCA, PAC)

# CCR 6724. Handler Training (e)

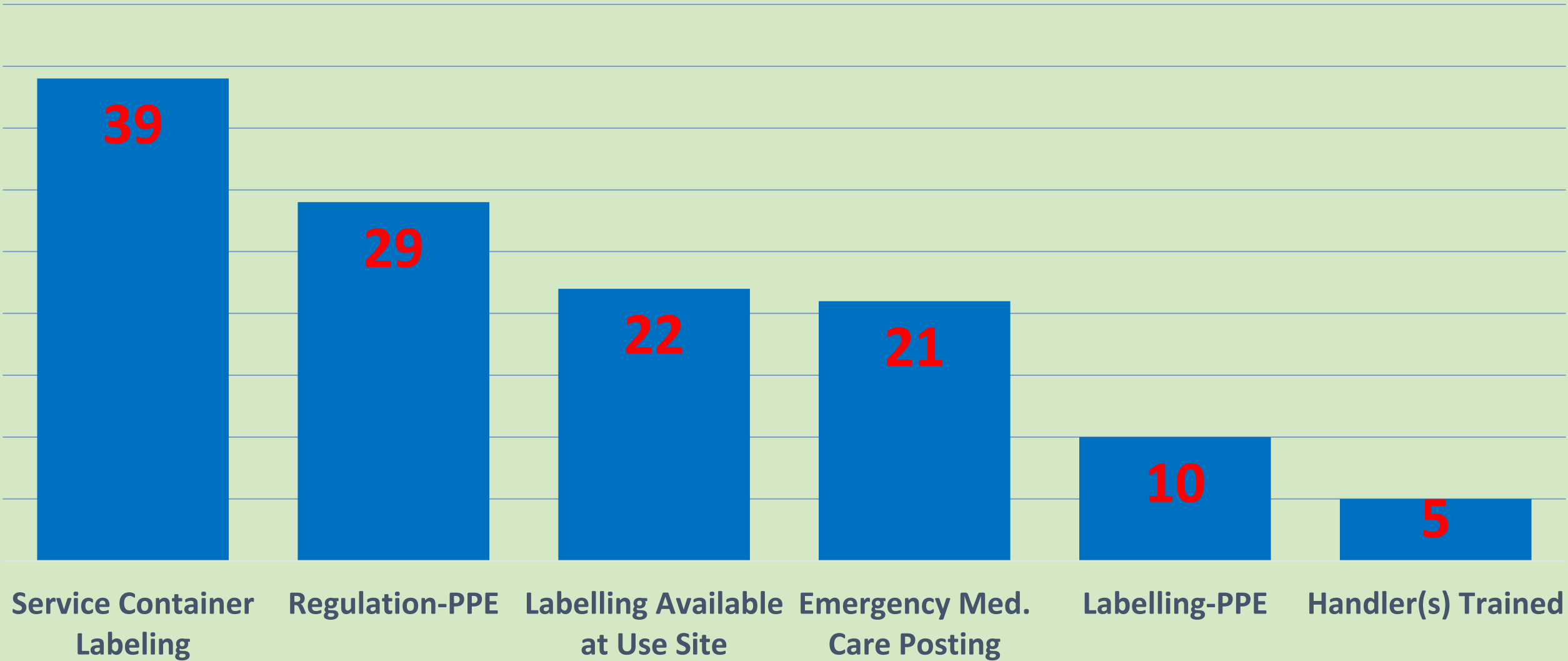
- Record the:
  - Date
  - Extent of training
  - Assigned job
- Employee **signature** required
- Retained for **2 years** at a central location at the workplace accessible to employees

# **Common Violations of Pesticide Laws and Regulations in San Mateo County: to help ensure you are in compliance**

# Common Violations in San Mateo County (2011-2019)



# COMMON VIOLATIONS IN SAN MATEO COUNTY (2011-19)





## #6 VIOLATION

### Handler(s) Trained (CCR 6724)

- **Before** the employee is allowed to handle, mix/load, or apply pesticides
- Continually **updated** to cover any new pesticides that will be handled
- Repeated at least **annually**.



## # 5 VIOLATION

# Labelling - Personal Protective Equipment (PPE)

(FAC 12973)

\*The use of pesticide shall **not conflict with the registered labeling** delivered with the pesticide, or

\*All pesticides registered with U.S. EPA have the phrase: "It is a violation of Federal law to use this product in a manner inconsistent with its Labeling."  
**In other words, the label is the law**



**PPE is for your protection. Its your health!**

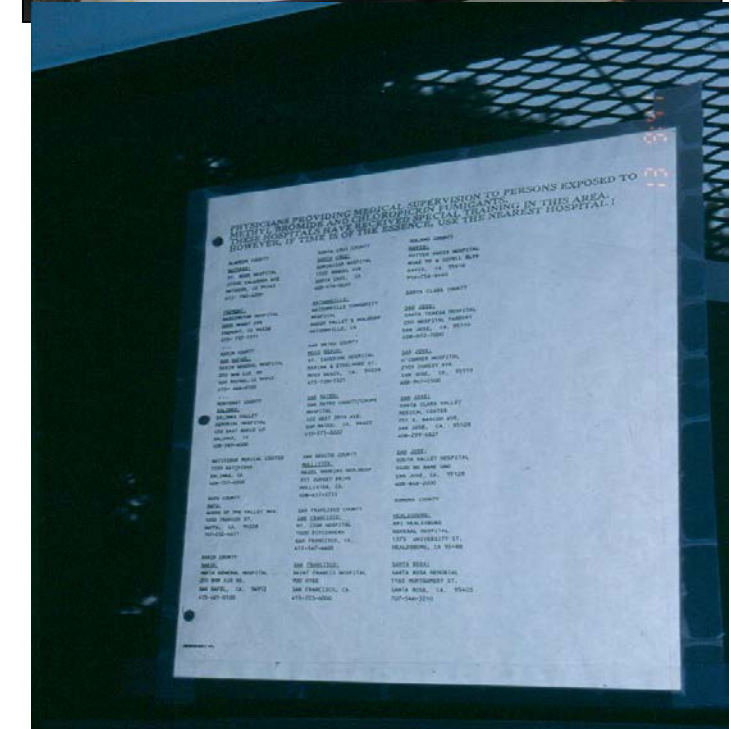
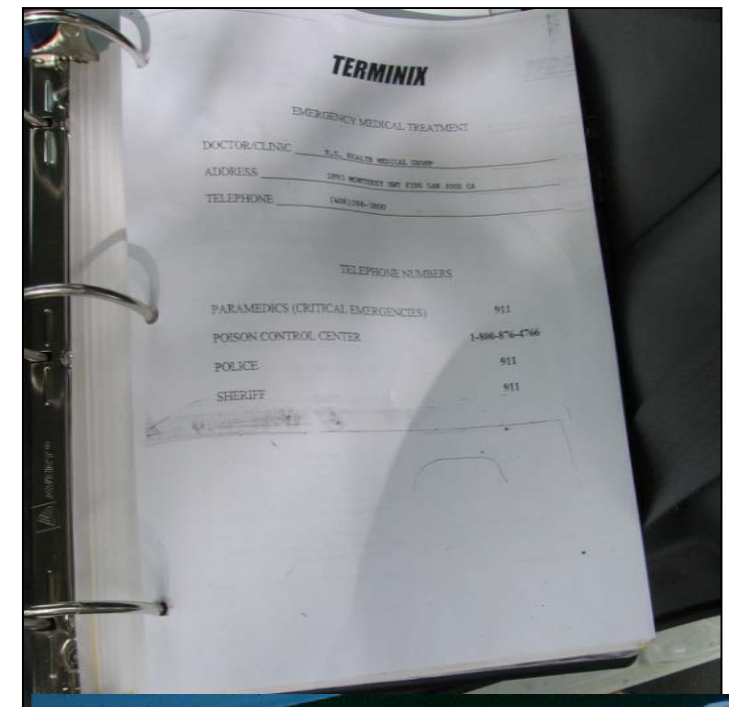


## # 4 Violation

# Emergency Medical Care Posting (3CCR 6726)

## At Work Site

- Name
- Address
- Phone number
- Nearest hospital
- In binder, open?
- Posted In vehicle?
- Must be planned in advance



# **Sample Violation of Emergency Medical Care Costing**

**\*Failure to post the handler emergency  
medical care information**

**\*Should have 1 medical care facility per  
county**

# # 3 Violation

## Labeling Available at Use Site

(CCR 6602)

- Binder
- Container Itself
- Electronic Copy





- Make sure you have the current pesticide label on site and READ IT
- Label required PPE applies to everybody



## # 2 Violation

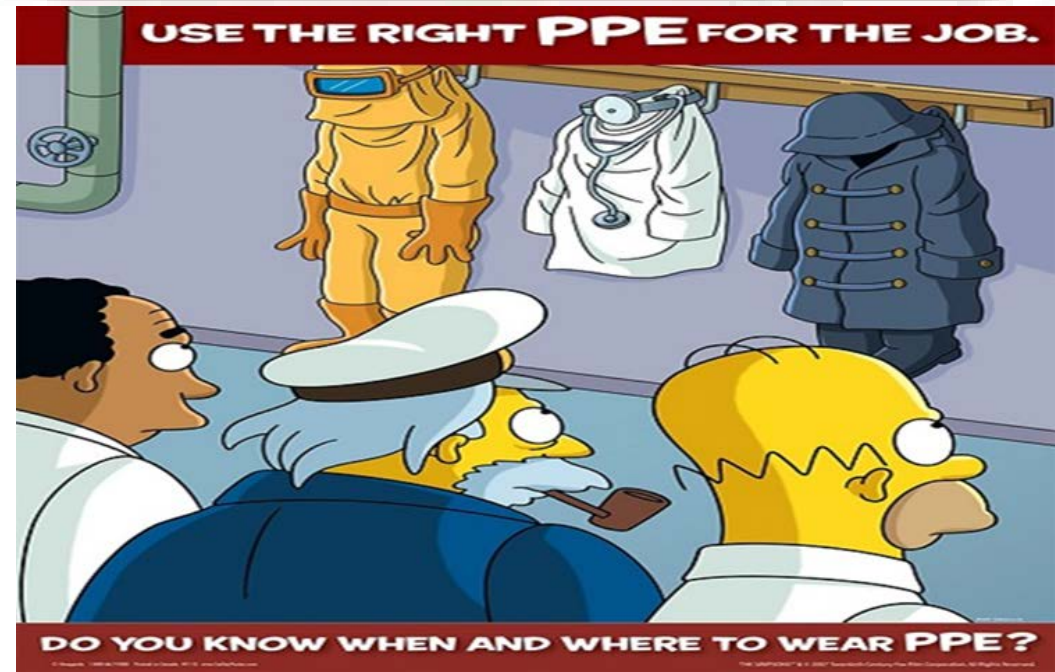
### Regulation - PPE (CCR 6738)

- **Protective eyewear and chemical resistant gloves are required even if label does not specify any PPE**
- ✓ ***Certain exemptions***



# Regulation - PPE (CCR 6738)

- Employees wear coveralls whenever they handle pesticides with the signal word "DANGER" or "WARNING"
- Respirators- if label requires





# Protective Eyewear required:

- Hand-held equipment
- Mixing/loading, cleaning



# Selection of Protective Eyewear

If product labeling specifies a type of eyewear, that eyewear or a **more protective type** must be worn.



American Standard - ANSI Z87.1-2003 High Impact

# Chemical resistant Gloves required:

- Hand held equipment
- Mixing/loading, cleaning
- If not label specific can use:
  - Rubber
  - Neoprene
  - Other chemical-resistant





- All glove barrier materials must be 14 mils thick **UNLESS** barrier laminate or polyethylene glove materials are used





# SpeedZone<sup>®</sup>

## SOUTHERN

BROADLEAF HERBICIDE FOR TURF

### PRECAUTIONARY STATEMENTS

#### Hazards to Human and Domestic Animals

**CAUTION:** Harmful if absorbed through the skin. Avoid contact with skin, eyes, or clothing. Harmful if swallowed.

#### Personal Protective Equipment (PPE)

Some materials that are chemical resistant to this product are barrier laminate, nitrile rubber, neoprene rubber or Viton. If you want more options, follow the instructions for category E on a EPA chemical resistance category selection chart.

All mixers, loaders, applicators, flaggers, and other handlers must wear:

- long-sleeved shirt and long pants,
- shoes and socks,
- chemical resistant gloves,
- chemical resistant apron when mixing or loading, cleaning up spills or equipment, or otherwise exposed to the concentrate.

See engineering controls for additional requirements.

### 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.

Regulation  
Personal  
Protective  
Equipment

(CCR 6738)



Labelling -  
Personal  
Protective  
Equipment  
(PPE)


(FAC 12973)

- While the pesticide label might not require any PPE, California regulation requires the use of protective eyewear and chemical resistant gloves



Example:  
No violation for  
Label PPE but  
violation for  
Regulation PPE if  
**not** using  
Protective Eyewear  
and Chemical  
Resistant Gloves

6302813-10



**The complete broad-spectrum postemergence professional herbicide for non-crop, industrial, turf and ornamental weed control.**

**Complete Directions for Use**

AVOID CONTACT OF HERBICIDE WITH FOLIAGE, STEMS, EXPOSED NON-WOODY ROOTS OR FRUIT OF CROPS, DESIRABLE PLANTS AND TREES, BECAUSE SEVERE INJURY OR DESTRUCTION IS LIKELY TO RESULT

EPA Reg. No. 524-579 2010-1

GROUP	9	HERBICIDE
-------	---	-----------

Read the entire label before using this product.  
Use only according to label instructions.  
Not all products listed on this label are registered for use in California. Check the registration status of each product in California before using.  
Read the LIMIT OF WARRANTY AND LIABILITY statement at the end of the label before buying or using. If terms are not acceptable, return at once unopened.  
THIS IS AN END-USE PRODUCT. MONSANTO DOES NOT INTEND AND HAS NOT REGISTERED IT FOR REFORMULATION OR REPACKAGING.

**PRODUCT INFORMATION**

**3.0 PRECAUTIONARY STATEMENTS**

**3.1 Hazards to Humans and Domestic Animals**

Keep out of reach of children.  
**CAUTION!**  
CAUSES MODERATE EYE IRRITATION.  
Avoid contact with eyes or clothing. Avoid breathing vapor or spray mist.

**FIRST AID:** Call a poison control center or doctor for treatment advice.

<b>IF IN EYES</b>	<ul style="list-style-type: none"><li>• Hold eye open and rinse slowly and gently with water for 15 to 20 minutes.</li><li>• Remove contact lenses if present after the first 5 minutes then continue rinsing eye.</li></ul>
-------------------	--

- Have the product container or label with you when calling a poison control center or doctor, or going for treatment.
- You may also contact (314) 694-4000, collect day or night, for emergency medical treatment information.
- This product is identified as Roundup PROMAX® herbicide, EPA Registration No. 524-579.

**DOMESTIC ANIMALS:** This product is considered to be relatively nontoxic to dogs and other domestic animals; however, ingestion of this product or large amounts of freshly sprayed vegetation may result in temporary gastrointestinal irritation (vomiting, diarrhea, colic, etc.). If ingestion occurs, induce vomiting with plenty of fluids to dilute the product. Call a veterinarian if symptoms persist for more than 24 hours.

**Personal Protective Equipment (PPE)**

Applicators and other handlers must wear: long-sleeved shirt and long pants, shoes plus socks.

Follow manufacturer's instructions for cleaning/maintaining PPE. If there are no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

When handling this product in a manner that meets the requirements listed in Worker Protection Standard (WPS) for agricultural pesticides [40 CFR 170.240 (d) (4-6)], the handler PPE requirements may be reduced or modified as specified in the WPS.

# # 1 VIOLATION!!!

## Service Container Labeling (CCR 6678)

1. Name and address of the responsible party
2. The identity of the pesticide in the container
3. Signal word: "Danger" , "Warning" or "Caution"



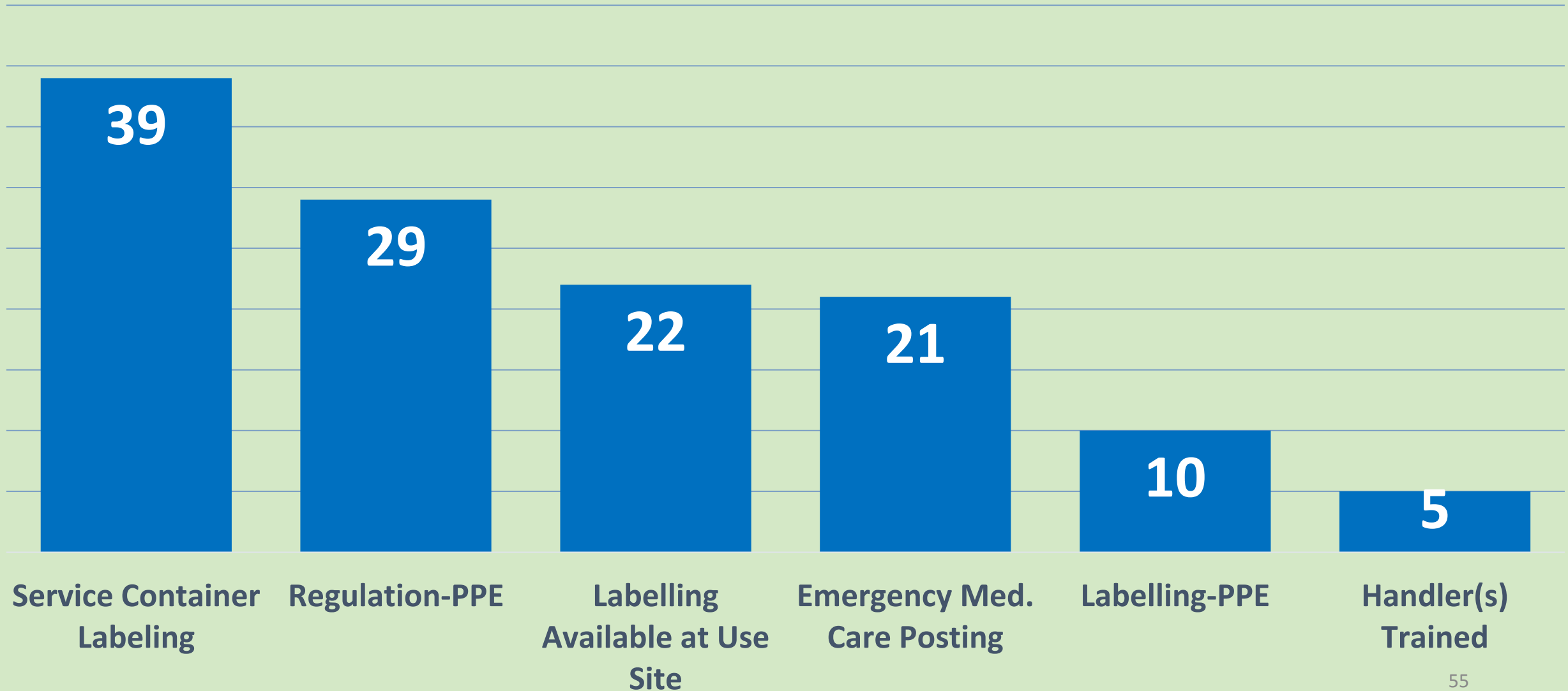
# Sample Violations of Service Container Labelling

- Not Including signal word
- Not including address of company or person responsible for the container
- Wrong Pesticide





# COMMON VIOLATIONS IN SAN MATEO COUNTY (2011-19)



# www.CalAgPermits.org

- Internet based program
  - Used by all California County Agriculture Departments
- Permit Issuance
- Pesticide Use Reporting



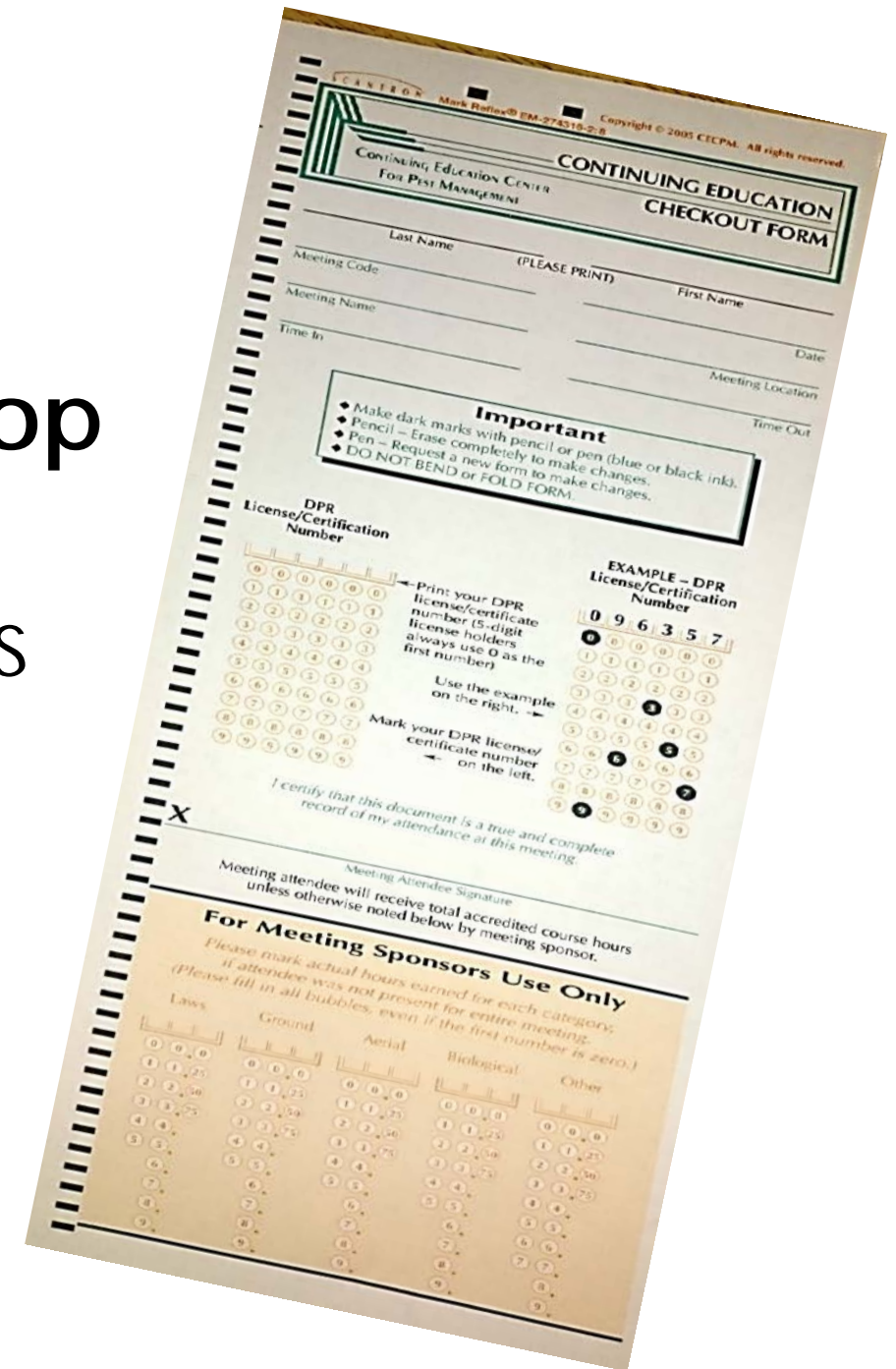
# Course ID: M-0389-20

- Meeting Name: **San Mateo County Landscape IPM Workshop**

**1.0 hour:** Laws and Regulations

**2.5 hours:** Other

**Total 3.5 hours**



**CONTINUING EDUCATION CHECKOUT FORM**

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Last Name \_\_\_\_\_ (PLEASE PRINT) First Name \_\_\_\_\_

Meeting Code \_\_\_\_\_ Date \_\_\_\_\_

Meeting Name \_\_\_\_\_ Meeting Location \_\_\_\_\_

Time In \_\_\_\_\_ Time Out \_\_\_\_\_

**Important**

- ◆ Make dark marks with pencil or pen (blue or black ink).
- ◆ Pencil – Erase completely to make changes.
- ◆ Pen – Request a new form to make changes.
- ◆ DO NOT BEND or FOLD FORM.

DPR License/Certification Number \_\_\_\_\_

EXAMPLE – DPR License/Certification Number **0 9 6 3 5 7**

Print your DPR license/certificate number (5-digit license holders always use 0 as the first number) on the right.

Use the example on the right.

Mark your DPR license/certificate number on the left.

I certify that this document is a true and complete record of my attendance at this meeting.

Meeting Attendee Signature \_\_\_\_\_

Meeting attendee will receive total accredited course hours unless otherwise noted below by meeting sponsor.

**For Meeting Sponsors Use Only**

Please mark actual hours earned for each category; if attendee was not present for entire meeting, (Please fill in all bubbles, even if the first number is zero.)

Laws	Ground	Aerial	Biological	Other
0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0	0 0 0 0
1 1 25	1 1 25	1 1 25	1 1 25	1 1 25
2 2 50	2 2 50	2 2 50	2 2 50	2 2 50
3 3 75	3 3 75	3 3 75	3 3 75	3 3 75
4 4	4 4	4 4	4 4	4 4
5 5	5 5	5 5	5 5	5 5
6 6	6 6	6 6	6 6	6 6
7 7	7 7	7 7	7 7	7 7
8 8	8 8	8 8	8 8	8 8
9 9	9 9	9 9	9 9	9 9

# 2020 San Mateo County Landscape IPM Workshop



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Agricultural Commissioner's Office**

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(650) 363-4700

[www.smcgov.org/agwm](http://www.smcgov.org/agwm)

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