



Pesticide Use Monitoring Inspections

Presented by:

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Purpose of Inspections:

Determine if the pesticide application is in compliance with:

- regulations
- permit conditions
- labels

Are handlers and/or employers addressing possible hazards that the application poses to:

- People
- Crops
- Non-target animals
- Surrounding property

Accurately identify pesticide(s) and determine the compliance status of labeling requirements:

- Site
- Rate
- Handling precautions



Pest Control Businesses

FAC 11701: Unlawful to advertise, solicit or operate pest control business.

...unless the person has a valid pest control business license issued by the director.

FAC 11732: Registered in County.

...unless the person has registered with the commissioner for the current calendar year.



Labeling

3 CCR 6602: Availability of Labeling.

A copy of the registered labeling ... shall be available at each use site

FAC 12973: Pesticide use shall follow Registered label/labeling and/or permit conditions.

The label is the law...?



RESTRICTED MATERIALS

3 CCR 6434: NOTICE OF INTENT.

Permit #	Method of application
Name and address of permittee and applicator	Pesticide(s)
Location of areas to be treated and name of operator	Dilution, volume per acre and dosage
Crop or commodity	Pest(s) to be controlled
Approximate acreage	Date intended application is to commence
	Location and identity of areas which have changed since the permit was issued



Restricted Materials Supervision

3 CCR 6406: Supervision Standards.

- A certified applicator must be available to direct and control an application by a non-certified applicator.
- Whenever activities requiring physical/visual presence are being conducted, the certified applicator must be physically located on the premises.



Permit Conditions

FAC § 12973

Pesticide use shall follow registered label/labeling and/or permit conditions.

The use of any pesticide shall not conflict with labeling registered pursuant to this chapter which is delivered with the pesticide *or with any additional limitations applicable to the conditions of any permit issued by the director or commissioner.*

Paraquat (1601) Permit Conditions

1. All applicators and handlers of paraquat, including employees, must be a certified applicator possessing one of the following licenses:
 - a. Private Applicator Certificate,
 - b. Qualified Applicator Certificate (QAC) with Category D, or
 - c. Qualified Applicator License (QAL) with Category D.
2. All applicators or flaggers (except applicators working in an enclosed cab or flaggers working in an enclosed vehicle) shall wear a dust/mist respirator approved by MSHA/NIOSH (number prefix TC-84-A)
3. While employees apply paraquat with a backpack sprayer, in addition to applicable label or regulation requirements, employers shall assure employees wear a waterproof or impervious suit, covering the head, torso, arms, and legs, and chemical resistant footwear. As required by regulations and/or the label, chemical resistant gloves and protective eyewear must also be worn.

Specific Hazards: Corrosive. Causes irreversible eye damage. Toxic to fish and aquatic invertebrates and other wildlife. Toxic to non-target crops and plants.

Permittee:

I have reviewed and agree to the above restricted material use conditions. I understand the hazards associated with the use of this product.

Print Name:

Signature:

Date:



Labeling site and rate

FAC § 12973

When the labeling list of approved sites is preceded by “such as” or “including,” the product can be legally used on other sites or commodities covered by the general term stated.

Labeling may prohibit the practice of double dosing by tank mixing two products with the same active ingredient (AI)



PERSONAL PROTECTIVE EQUIPMENT

- Labeling PPE requirements apply to both employees and employers
- Employer provides all PPE required by labeling and regulation
- Clean PPE stored in a clean, pesticide free place

PRECAUTIONARY STATEMENTS (*continued*)

Personal Protective Equipment (PPE)

Applicators and other handlers (other than Mixers and Loaders) must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- Protective eyewear
- Chemical-resistant gloves made of: barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, rubber \geq 14 mils, natural rubber \geq 14 mils, polyethylene, polyvinyl chloride (PVC) \geq 14 mils, or Viton®
- NIOSH-approved particulate respirator with any N, R, or P filter, NIOSH approval number prefix TC
NIOSH-approved powered air-purifying respirator with an HE filter with NIOSH approval number pre

Mixers and Loaders must wear:

- Long-sleeve shirt and long pants
- Shoes plus socks
- NIOSH-approved particulate respirator with any N, R, or P filter, NIOSH approval number prefix TC
NIOSH-approved powered air-purifying respirator with an HE filter with NIOSH approval number pre
- Chemical-resistant gloves made of: barrier laminate, butyl rubber \geq 14 mils, nitrile rubber \geq 14 mils, rubber \geq 14 mils, natural rubber \geq 14 mils, polyethylene, polyvinyl chloride (PVC) \geq 14 mils, or Viton®
- Chemical-resistant apron
- Face shield

Regulation PPE 3CCR 6738

- Protective eyewear and chemical resistant gloves required when mixing, loading, or **applying pesticides by hand or ground rig.**
- Coveralls whenever handling pesticides with the signal word "DANGER" or "WARNING" *except when using fumigants* unless the pesticide product labeling expressly requires the use of coveralls.



PPE Exemptions

- applying in an enclosed cab;
- using vehicle-mounted or towed equipment with spray nozzles that are located below the employee and directed downward;
- applying vertebrate pest control baits using long-handled implements

Exempt PPE must still be immediately available



Handlers Trained

3CCR § 6724

- Employer needs a written training program that describes the training materials used
- Training 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



Emergency care posting

3CCR § 6726

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 that you are taken to a doctor right away. **DO NOT TAKE YOURSELF.**

Emergency medical care is available at:

NAME: _____

ADDRESS: _____

TELEPHONE: _____

If more space is needed, your employer may attach a list of medical facilities to this leaflet and write, "See attached list" in the above space. If this information changes, your employer must update it within 24 hours.

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

.....

- Name, phone number and location where emergency care is available for pesticide handlers
- Posted in a prominent place at the work site or on (not in) the vehicle
- 9-1-1 or Poison Control Center's number does not meet the requirement



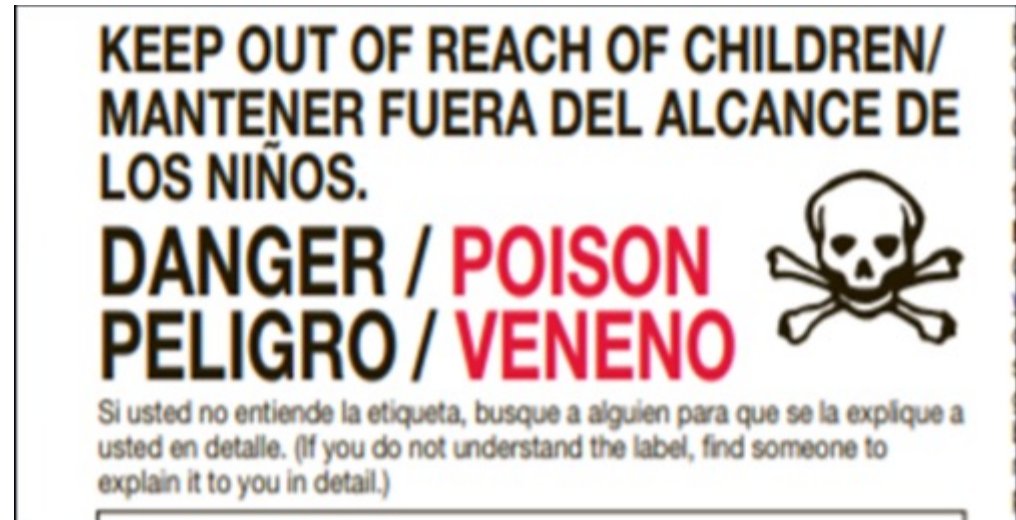
Employee working alone

3 CCR 6730

An employee mixing, loading, or applying a pesticide in toxicity category one (DANGER) may not work alone

during **daylight hours** unless personal, radio, or telephone contact is made to a responsible adult at intervals not exceeding **two hours**.

during **nighttime hours** unless personal, radio, or telephone contact is made to a responsible adult at intervals not exceeding **one hour**.



Handler Decontamination

3CCR § 6734

- Soap
- Clean change of coveralls
- Single use disposable towels
- Eyewash (if label required eye protection)
- One pint immediately available for each handler
- Three gallons of water/per worker
- Six gallons available at the mix/load site for 15 minutes of eye-flushing at the mix/load site



Field Postings

3CCR § 6776

- An REI greater than 48 hours unless access to the field is controlled during application and REI.
- Danger or minimal exposure pesticides are applied through an irrigation system.
- Any fumigant applied to a field.
(aluminum phosphide)



Safe Equipment 3CCR § 6742

- Equipment needs inspected before each day of use and equipment with any safety defect is repaired or altered to remove the hazard
- All openings on tanks equipped with covers that prevent splashes and spills.
- Tanks with >49 gallon capacity need a sight gauge or a device that auto stops filling



Protection of Persons, Animals, and Property

3CCR § 6614



Evaluate, prior to and while making the application, the equipment, weather conditions, and both target and surrounding areas to determine the likelihood of damage or contamination.

CalAg Beewhere

CHECK FOR HIVES WITHIN A MILE
[HTTPS://BEEWHERE.CALAGPERMITS.ORG/](https://beewhere.calagpermits.org/)



PRESCRIBE

Check for pesticide use limits in your Township/Range/Section

<https://calpip.cdpr.ca.gov/county.cfm>

Endangered Species Pesticide Use Limits

Step 5: Use Limit Codes for Selected Products

Pesticide use limitations for the products that you have selected, applicable to the species identified in your locations, if they exist, are listed below. Scroll to the bottom of the page to see a description/instruction of the use limits.

For protection of the following species:

- [E] CALIFORNIA CLAPPER (RIDGEWAY'S) RAIL
- [T] STEELHEAD - CENTRAL CALIFORNIA COAST DPS
- [R] BURROWING OWL
- [R] CALIFORNIA BLACK RAIL
- [R] SALINE CLOVER

That occur in the following selected sections:

County	Township	Range	Sections
49 Sonoma	03N	06W	01

When using selected products:

Product	Use Limits
CAYUSE PLUS	None



Equipment Registered and Identified

FAC § 11732

It is unlawful for any person to advertise, solicit, or operate as a pest control business in any county unless the person has registered with the commissioner for the current calendar year.

(b) Number and kind of units to be operated in the county.

3CCR § 6630

All pest control businesses must identify equipment with markings readable at a distance of 25 feet. The identification must include either:

Business' name

or

Pest control business license number and a statement such as "Licensed Pest Control Operator", "Fumigation Division" or similar wording.



Backflow Prevention

3CCR § 6610

Each service rig and piece of application equipment that handles pesticides and draws water from an outside source shall be equipped with an air-gap separation, reduced pressure principle backflow prevention device or double check valve assembly.

Backflow protection must be acceptable to both the water purveyor and the local health department.



Containers

CONTAINERS SECURED

3CCR § 6670

...shall not be stored, handled, emptied, disposed of, or left unattended in such a manner or at any place where they may present a hazard to persons, animals (including bees), food, feed, crops or property.

CONTAINER REQUIREMENTS

3CCR § 6676

- Any container that holds, or has held, any pesticide, when stored or transported, shall carry the registrant's label.
- All lids or closures securely tightened
- Does not apply to measuring devices that are not used to store or transport a pesticide.

Service Containers

3CCR § 6678

- a) The name and address of the person or firm responsible for the container;
- (b) The identity of the pesticide in the container; and
- (c) The word "Danger", "Warning", or "Caution" in accordance with the label on the original container.



Proper containers and transport

3CCR § 6680

3CCR § 6682

- Transported separately from persons, food or feed.
- Secured to prevent spillage onto the vehicle or off the vehicle
- No food, drink or household product containers



Rinse and Drain Procedures

3CCR § 6684

Except for containers to be returned to the registrant, each emptied container that has held less than 28 gallons of a liquid pesticide that is diluted for use shall be rinsed and drained by the user at time of use.



6800. Groundwater Protection List.

Pesticides labeled for agricultural, outdoor institutional or outdoor industrial use that contain any of the following chemicals are designated as having the potential to pollute ground water:

- (1) Atrazine
- (2) Simazine
- (3) Bromacil
- (4) Diuron, except for products with less than 7% diuron that are applied to foliage
- (5) Prometon
- (6) Bentazon (Basagran®)
- (7) Norflurazon



Wellhead Protection

3CCR § 6609

Prohibited within 100 feet of a well:

- Mixing, loading, and storage of pesticides.
- Rinsing of spray equipment or pesticide containers
- Maintenance of spray equipment that could result in spillage of pesticide residues on the soil.
- Application of pre-emergent herbicides.



Pesticide Use Near
School sites
3CCR §6691

¼ mile restrictions

Aircraft

Airblast

Chemigation

Dust or powder

Fumigant

25 feet restrictions

Ground-rig sprayer

Soil injectors (except fumigants)

No distance restriction

Bait stations

Granules, flakes, pellets

Backpack sprayer



End of Inspection



Questions?

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