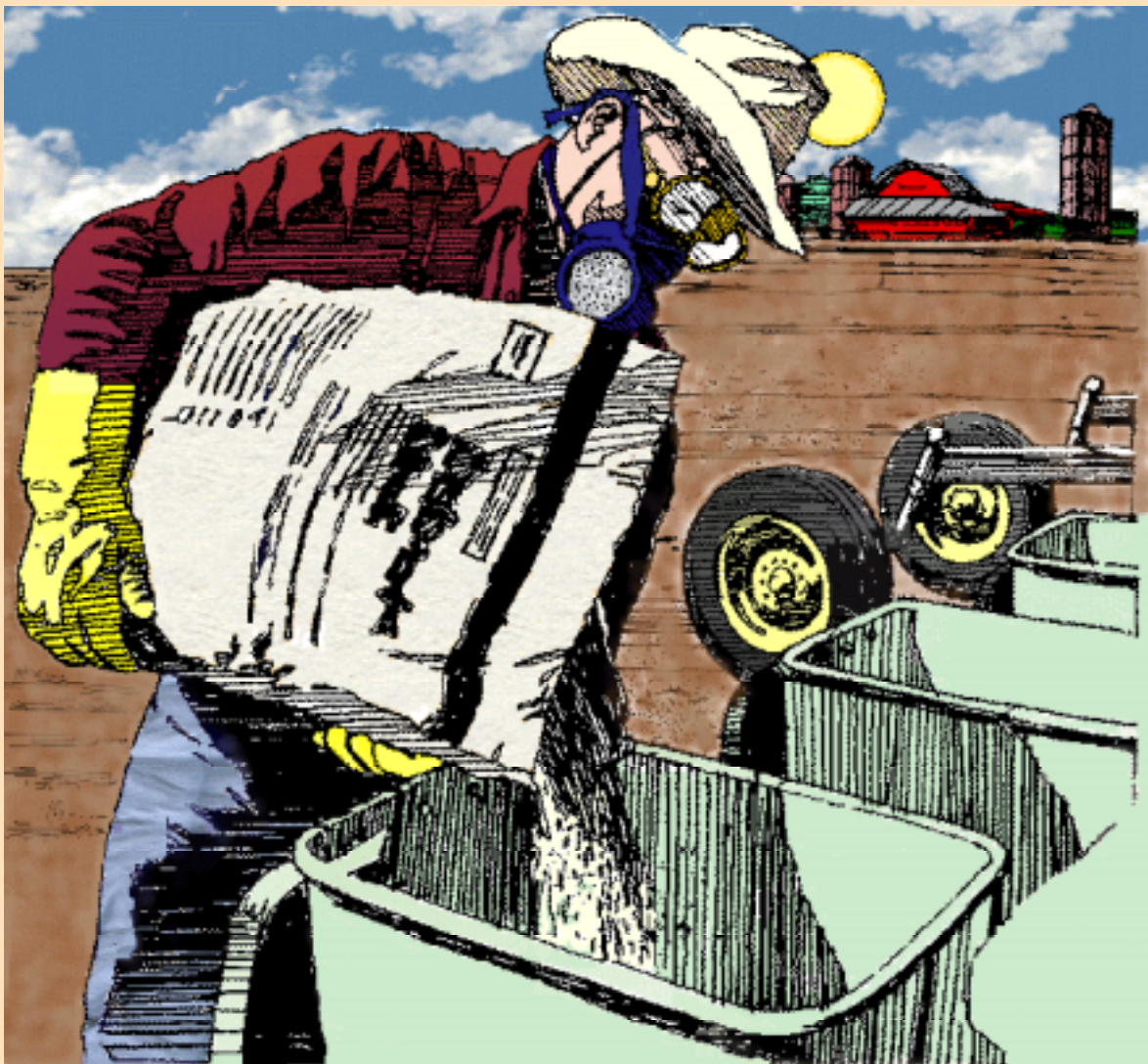


County of Ventura

Agricultural Commissioner

Grower's Guide





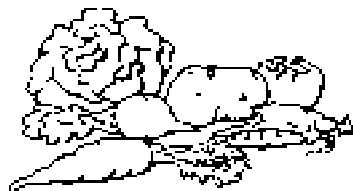
TO OUR GROWERS:



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

Specific or detailed information can be provided by your County Agricultural Inspector. Information is also contained in the Pesticide Safety Information Series (PSIS) A-1 through A-11, which can be obtained from your area inspector.

You will find this guide to be very helpful in understanding the laws and regulations pertaining to the use of pesticides for the production of agricultural and ornamental commodities.



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

Ventura County Agricultural Commissioner

<http://portal.countyofventura.org>

California Department of Pesticide Regulation (DPR): <http://www.cdpr.ca.gov>

**Office Location
&
Phone Numbers**

Ventura County Agricultural Commissioner

815 Santa Barbara St.

Santa Paula, Ca 93060

805 933-2926

fax 805 525-8922

Directions: From Highway 101, take the 126 exit
Go east to Palm St., turn left to Main St. turn right
to Eighth Street turn left to Santa Barbara St. the
office is on the NE corner of Eighth and Santa
Barbara St.

THIS GUIDE PROVIDES INFORMATION ON THE FOLLOWING TOPICS:

- ☐ **Basic Requirements**
- ☐ **Record Keeping**
- ☐ **Labels**
- ☐ **Training**
- ☐ **Field Posting**
- ☐ **Safety Equipment
Personal Protective Equipment (PPE)**
- ☐ **Medical Care Information**
- ☐ **Decontamination Facilities**
- ☐ **Equipment and Storage**



Basic Requirements

Whether you apply pesticides yourself, or you hire a licensed Pest Control Operator to apply pesticides to your property or production commodity,

You **MUST** each and every year:

OBTAIN AN OPERATOR ID NUMBER

Or if you intend to use a California Restricted Pesticide:

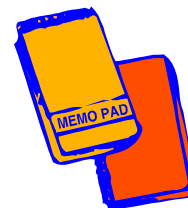
OBTAIN A RESTRICTED MATERIALS PERMIT



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** meet the following requirements regardless of who applies the pesticides.

Record Keeping



You **must** keep a copy of your Operator ID and/or Restricted Materials Permit for two years.

It is the responsibility of the owner/employer to submit the use reports to the agricultural commissioner. Submit the report by the 10th day of the month following the month the pesticide application was made. Maintain a record of these reports for 2 years and provide them to the director or commissioner upon request.

It is the employer's responsibility to keep a copy of the training records, written program, and use reports for 2 years, at a central location at the workplace. It **must** be accessible by employees.

If a pest control company does the work, then they are responsible for reporting the use. They **must** report the application within 7 days. A copy of the report **must** be mailed to the operator of the property within 30 days of the completion of the pesticide application. Retain these for 2 years also.

Any recommendation made by a licensed Agricultural Pest Control Adviser must be in writing. A recommendation made by the owner or property operator is not required to be in writing.

See PSIS: A5, A6, A8, A9.

Labels

A copy of the registered label **must** be available at the work site. Special local needs (SLN) registrations are supplemental labeling instructions for additional uses authorized by DPR. An SLN **must** be in possession of the user at the time of an application.

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

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.

See PSIS: A1, A5, A6, A8, A10.

Training



If you have employees who handle pesticides or who work in a field where pesticides are applied, you **must** train them **before** they are allowed to handle pesticides or enter a treated field.

Treated field means a field that has been treated with a pesticide or has had a restricted entry interval (REI) in effect within the last 30 days. This includes roads, paths, ditches, borders and headlands, if the pesticide was also applied there.

The training for handlers and/or fieldworkers must be done by a qualified person.

The handler's written training program **must** describe the materials and information that will be provided, and address specific topics.

Pesticide handlers **must** be trained every year and be continually updated to cover any new pesticides that will be handled.

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 **must** be trained within the last five years before beginning work in a treated field.

The employer **must** display a completed PSIS A-9 at the field or a central meeting place whenever employees are working as fieldworkers in a "treated field."

The employer **must** display, within 24 hours of the completion of a pesticide application, the following application specific information when employees are required to work in treated fields:

Identification of treated area, time and date of application, REI, product name, EPA registration number, active ingredients.

See PSIS: A1, A5, A6, A8, A9.

Field Posting



The owner or property operator **must** post treated fields when:

1. It is 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.
2. If the (REI) is greater than 7 days.
3. All greenhouse application unless entry is controlled.

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.

- ◆ *General sign requirements for treated fields and greenhouses:*
It must be readable from 25 feet.
And contain all of the following:
 - Skull and Crossbones symbol near the center of the sign
 - "DANGER" and "PELIGRO"
 - "PESTICIDES" and "PESTICIDAS"
 - "KEEP OUT" and "NO ENTRE"
- ◆ *If the (REI) is more than 7 days, the sign **must** include the following information:*
 - The date of unrestricted entry.
 - The name of the operator of the property and the field identification (if any).
- ◆ *General posting locations for treated fields and greenhouses:*
 - At all usual points of entry, or at the corners.
 - If adjacent to right-of-ways, posted at not greater than **600 foot** intervals.
- ◆ *Chemigation applications require additional posting information.*

See PSIS: A6, A8, A9.

Safety Equipment

Personal Protective Equipment (PPE)



The employer **must** provide the employee with **regulation** required PPE (i.e. protective eyewear, gloves, footwear and other protective clothing).

The employer **must** provide the employee with the **label** required PPE (i.e. long-sleeved shirt, headgear, aprons).

Eye protection is required, by regulation, for all “hand applications”.
See PSIS A-1 for some exceptions.

Protective gloves are required unless the label states otherwise.
See PSIS A-1 for some exceptions.

Employers must assure employees are provided with and use approved respiratory protective equipment (RPE) when pesticide product labeling or regulations require RPE.

Using “Danger” Label Pesticides

Coveralls **must** be used when an employee handles a pesticide with the signal word “DANGER” or “WARNING” on the label.

Exceptions include: use of a closed system or working from an enclosed cab or cockpit.

A closed system is required only for liquid-formulation pesticides with the signal word “Danger”, as well as minimal exposure pesticides.

Employees mixing, loading, or applying pesticides in toxicity category I (Danger), may not work alone unless contact is made at least every 2 hours, unless the permit specifies otherwise.

For nighttime, the interval is one hour. A pilot, mixer/loader, and/or flagger team would be considered working together. Two ground applicators in the same field are OK, if they can see one another’s vehicle.

See PSIS: A1, A3, A4, A5, A6, A7, A8, A10.

Medical Care Information



Emergency medical care for employees handling pesticides and fieldworkers who enter fields that have been treated with pesticides **must** be planned for in advance.

If employees are handling pesticides, the medical care information **must** be posted at a prominent place at the work site. Fieldworkers and their supervisors are to be informed of this information, which is provided on PSIS A-9.

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

If any employee has become ill or thought to have been exposed to a pesticide which might lead to an illness, the employer **must** ensure the employee is **taken** to a doctor immediately.

Additional Medical Records & Respiratory Protection Program

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

See PSIS A5, A6, A8, A9, A10, A11.

Decontamination Facilities



For handlers, the employer **must** assure that sufficient water, soap, and single use towels are available. If the product label requires protective eyewear, then a minimum of one pint of water for emergency eye washing **must** be immediately 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.

For fieldworkers engaged in activities in treated fields the employer **must** assure that sufficient water, soap and single use towels are reasonably accessible.

Change Areas

The decontamination facility **must** be within 1/4 mile of worker activity. The facility can be in an area under a REI for a fieldworker performing early entry activities. In no case can the facility be in an area under treatment.

See PSIS: A4, A6, A7, A10.

Equipment & Storage



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.

The employer **must** provide a closed system for employees who handle liquid pesticides with the signal word "DANGER" and for minimal exposure pesticides. See PSIS A-10 for the minimal exposure pesticides.

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, "Danger" or "Warning".

Signs must be visible from any direction of probable approach, and be readable at 25 feet.

Example
DANGER
POISON STORAGE AREA
ALL UNAUTHORIZED PERSONS KEEP OUT
KEEP DOOR LOCKED WHEN NOT IN USE

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 and load site. Except for the containers to be returned to the registrant, follow the directions provided in PSIS A-2.

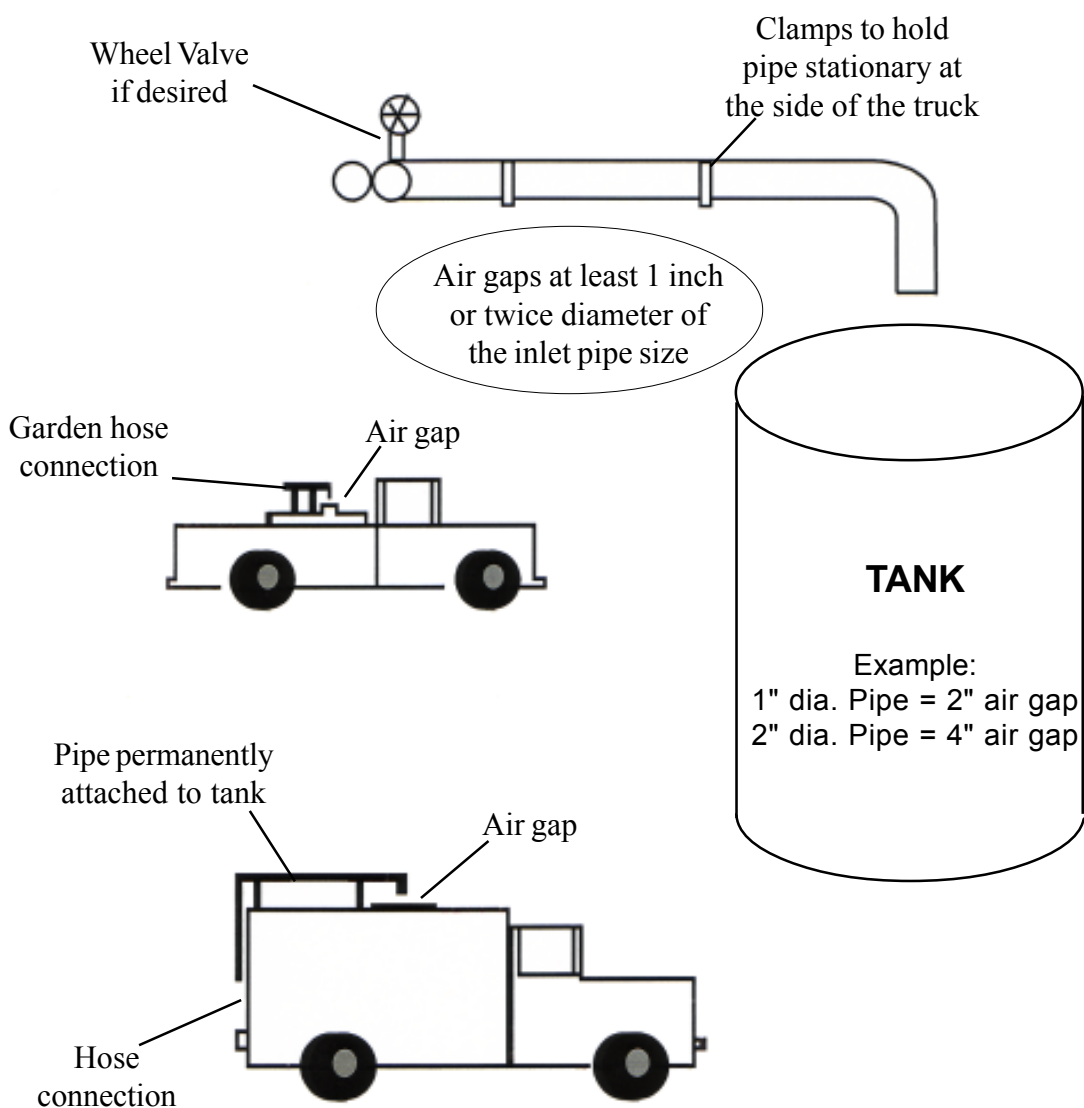
Do not refill or reuse original containers. Destroy canisters and discard in a sanitary landfill. **Do not put pesticides in containers designated for food, drink, or household products.**

See *PSIS: A2, A3, A5, A8, A10.*

Air Gap

All application equipment **must** have a means to prevent backflow of pesticide contaminated water back into the outside water source. This can be accomplished by having an air gap separation, a double check valve or an approved chemigation device.

EXAMPLE OF AIR-GAP SEPARATION



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
AGRICULTURAL PESTICIDE INSPECTOR.**

Henry S. Gonzales

County of Ventura Agricultural Commissioner



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

Ventura County Agricultural Commissioner: <http://portal.countyofventura.org>

California Department of Pesticide Regulation: <http://www.cdpr.ca.gov>

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