TOP 10 PESTICIDE VIOLATIONS
SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

Presented by
Senior Agricultural/Standards Inspectors
Nancy Wickus
Kristi Conway
#10 PEST CONTROL BUSINESS LICENSING

FAC §11701
**PEST CONTROL BUSINESS LICENSE**

- PCB License is required to advertise, solicit and/or perform pest control for hire.

- **Pest control** is the use or application of any pesticide. It also means the use of any substance, method, or device to do any of the following:
  - Control pests
  - Prevent, destroy, repel, mitigate, or correct any pest infestation or disorder of plants.
  - Inhibit, regulate, stimulate, or otherwise alter plant growth by direct application to plants.
NOTICE OF INTENT

3 CCR §6434
NOTICE OF INTENT (NOI)

• What?
  • Notice to the CAC for an application of a pesticide requiring a permit in an agricultural setting.

• When?
  • At least 24 hours prior to the application.
  • Some permit conditions may require an NOI to be submitted more than 24 hours prior for certain pesticides. (i.e., 48 hours)

• How?
  • Telephone
  • Fax
  • CalAgPermits
# Notice of Intent

**Report Status:** Ok  
**Submittal Status:** Submitted to County

<table>
<thead>
<tr>
<th>Permittee/Permit Operator</th>
<th>Operator ID/Permit Number</th>
<th>Document number</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRAGONSTONE NURSERY</td>
<td>3313434</td>
<td>WEB2217044896</td>
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<table>
<thead>
<tr>
<th>County</th>
<th>Section</th>
<th>Township</th>
<th>Range</th>
<th>Meridian</th>
<th>App Method/Fungicide Code</th>
<th>Commercial Applicator Grower Applied</th>
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<tbody>
<tr>
<td>37 San Diego</td>
<td>10</td>
<td>09S</td>
<td>03W</td>
<td>S</td>
<td>Ground</td>
<td>Grower Applied</td>
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<table>
<thead>
<tr>
<th>Site Identification Number</th>
<th>Site District (if Applicable)</th>
<th>Planted Area - Units</th>
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</thead>
<tbody>
<tr>
<td>RHA000</td>
<td>72</td>
<td>160 ACRES</td>
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<table>
<thead>
<tr>
<th>Location</th>
<th>Block ID (if applicable)</th>
<th>Nursery</th>
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<tbody>
<tr>
<td>1212 Syrax Way, Westeros</td>
<td>No</td>
<td>No</td>
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<table>
<thead>
<tr>
<th>Date/Time of Prop Start</th>
<th>Proposed Treated Area - Units</th>
<th>Commodity Treated</th>
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<tr>
<td>9/22/2022 7:00 AM</td>
<td>10 ACRES</td>
<td>154 N-OUTDR CONTAINER/FLD GRWN PLANTS</td>
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<table>
<thead>
<tr>
<th>Days Re-entry</th>
<th>Days Pre-harvest</th>
<th>Applied/Supervised By</th>
<th>Reviewed By - Date/Time</th>
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<tr>
<td></td>
<td></td>
<td></td>
<td>Rhaenrya Targaryan - 9/20/2022 9:47 AM</td>
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<table>
<thead>
<tr>
<th>Approved/Denied</th>
<th>Environmental Changes/Comments</th>
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</thead>
<tbody>
<tr>
<td>Approved</td>
<td></td>
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<table>
<thead>
<tr>
<th>Mitigated</th>
<th>Mitigation Notes</th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<table>
<thead>
<tr>
<th>Chem #</th>
<th>Product</th>
<th>Label #</th>
<th>Rate</th>
<th>Area Dilution</th>
<th>Total Product Used</th>
<th>Target Pest</th>
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<tbody>
<tr>
<td>1</td>
<td>SEVIN SL CARBARYL INSECTICIDE</td>
<td>432-1227-ZA</td>
<td>66 Ounce / 1 ACRES</td>
<td></td>
<td></td>
<td>PSYLLID</td>
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</table>
HAZARD COMMUNICATION FOR FIELDWORKERS

3 CCR §6761
• Fieldworker is an employee who performs work activities in a treated field.

• Treated field is a field that has been treated with a pesticide or had a restricted entry interval or entry restricted period in effect within the last 30 days.
HAZARD COMMUNICATION FOR FIELDWORKERS

- **Employer** shall display at the worksite a completed Pesticide Safety Information Series leaflet A-9.

- Available at the DPR website: https://www.cdpr.ca.gov/docs/whs/psisenglish.htm
HAZARD COMMUNICATION FOR FIELDWORKERS

• The **property operator** shall maintain in a central location at the workplace accessible fieldworkers:
  • Pesticide use records
  • Safety Data Sheets (SDS)
#7 HANDLER TRAINING

3 CCR §6724 (b-e)
• **Pesticide handling:**
  - Mixing, loading, transferring, applying pesticides.
  - Assisting with the application of pesticides.
  - Maintaining, servicing, repairing, cleaning, or handling equipment used in these activities that may contain residues.
  - Working with opened containers of pesticides (including emptied but not rinsed).
  - Incorporating pesticides into the soil (mechanical or watered-in).
HANDLER TRAINING

• Must occur before the employee is allowed to handle pesticides.
• Handlers must be at least 18 years of age. (Prod. Ag. Only)
• Required annually
• Include all pesticides used
HANDLER TRAINING

• Training must be recorded.
• Conducted by a qualified person.  (Prod. Ag. only)

• Qualified Applicator License
• Qualified Applicator Certificate
• Pest Control Advisor
• Private Applicator Certificate
• Train-the-Trainer Certificate issued in 2015 or after.
• Licensed Inspector
#6 APPLICATION-SPECIFIC INFORMATION FOR FIELDWORKERS

3 CCR §6761.1
APPLICATION-SPECIFIC INFORMATION FOR FIELDWORKERS

• The **operator of property** must display at a central location (Prod. Ag. Only):
  • The crop/site treated and ID of the treated field
  • The date(s) & time(s) the application started and ended
  • REI
  • Product name(s), U.S. EPA registration number(s), and active ingredient(s);
  • A copy of the Safety Data Sheet(s) for the applied pesticide(s); and
  • Spray adjuvant product name(s) and California registration number(s) if applicable.
SERVICE CONTAINER LABELING

EXEMPTION:
USED BY A PERSON ENGAGED IN THE BUSINESS OF FARMING WHEN THE CONTAINERS ARE USED ON THE PROPERTY THE PERSON IS FARMING

3CCR §6678
SERVICE CONTAINER LABEL

- Name and address of company responsible
- Identity of the pesticide
- Signal Word
#4 EMERGENCY MEDICAL CARE FOR EMPLOYEES

3CCR §6726
EMERGENCY MEDICAL CARE

Planned In Advance

- Pesticide Exposure
- Train employees where to go

Posted at worksite

- Filled out on Safety Series: N8, A8 or A9
- Facility Name, Address, Phone Number
- Work Vehicle
#3 PEST CONTROL BUSINESSES: REGISTRATION IN COUNTY

FAC § 11732
Anyone who intends to advertise, solicit, or operate as a pest control business in California must be registered annually with the County Agricultural Commissioner (CAC) in each county they do business in.
#2 EMPLOYEE PERSONAL PROTECTIVE EQUIPMENT

3CCR §6738
The employer is required to:

- Provide all required PPE
- Provide for its daily inspection and cleaning, and repair or replace any worn, damaged, or heavily contaminated PPE.
- Assure that all PPE not in use is kept separate from personal clothing and, in a clean pesticide-free designated area
- Employees don’t take potentially contaminated PPE into their homes
CHEMICAL-RESISTANT SUIT

If the ambient temperature exceeds 80°F during daylight hours or 85°F during nighttime hours, employees must not handle pesticides while wearing chemical-resistant suit.
PPE: PROTECTIVE EYEWEAR

All Eyewear must:

- Provide brow and temple protection
- Conform to the curvature of the face
- Offer side protection
- Bear evidence of compliance with American National Standard for Occupational and Education Personal Eye and Face Protection Devices ANSI Z87.1-2010 standards
PPE: PROTECTIVE EYEWEAR

If the label does not require eye protection, employees must wear one of the following:

- Safety glasses with front, brow and temple protection
- Goggles
- Face shield

Prescription eyeglasses and PPE must not interfere with each other.
PPE: EMPLOYEE GLOVES

- All chemical resistant gloves must be at least 14 mils.

- Chemical resistant gloves used to make fine adjustments and other tasks that require dexterity:
  - Can only be used for 15 minutes.

- Leather gloves may be worn over 14 mil chemical resistant gloves when required by working conditions or when required by pesticide label.
Which gloves are acceptable for pesticide use?

- Leather Work Gloves
  - When required by label!
- Fabric with rubberized palms and fingers
  - NEVER!
- Nitrile 5 mils
- Latex Exam
  - NEVER!
- Leather/Latex /Nitrile with lining
  - NEVER!
- Nitrile 14 mils

PPE: TYPES OF GLOVES

- Nitrile 14 mils
- Fabric with rubberized palms and fingers
- NEVER!
- Leather/Latex /Nitrile with lining
  - NEVER!
Helpful because:

• They absorb sweat

Conditions of use:

• The use of glove liners is allowed only when the following conditions are met:
  • Not prohibited by the label
  • Separable from the chemical-resistant glove
  • Do not extend outside of the chemical-resistant gloves
  • Must be replaced immediately if directly contacted by a pesticide
  • Liners must be discarded at the end of each workday.
Employees must wear coveralls whenever they handle pesticides with the signal word "DANGER" or "WARNING"

**Definition:**

"Coverall" means a one- or two-piece garment of closely woven fabric or equivalent that covers the entire body, except the head, hands, and feet, and must be provided by the employer as personal protective equipment. Coverall differs from, and should not be confused with, work clothing that can be required to be provided by the employee.
#1 PESTICIDE LABELING

FAC §12973
LABEL PPE: GLOVES

Showing up on new labels

Example:

Category B: barrier laminate or butyl rubber must be used

Barrier Laminate and Polyethylene: Any thickness

Butyl Rubber: 14 mil
LABEL PPE: GLOVES

PERSONAL PROTECTIVE EQUIPMENT (PPE)

Applicators and other handlers must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves made out of barrier laminate or butyl rubber \( \geq 14 \) mils
- Socks plus shoes
Personal Protective Equipment (PPE)
WPS Uses: Applicators and other handlers who handle this pesticide for any use covered by the Worker Protection Standard (40 CFR Part 170) must wear:
- Long-sleeved shirt and long pants
- Chemical-resistant gloves made from barrier laminate
- Shoes plus socks

LABEL PPE: SPECIFIC GLOVES
Site
Ornamentals and/or Nursery instructions

Application Rate – Max rate per square foot and/or acreage per application

Accumulative Rate – Max per year/season
Ornamentals

Restrictions:
- Cut flowers and greenhouse grown ornamentals: Limit to 20 applications per year.
- Do not use for food or feed purposes.
- Not for use in residential greenhouses.
- Intended for use only by professional applicators.

Accumulative Limitations

**DO NOT** apply more than 10 lb product per acre (3.7 oz product per 1,000 sq ft) per year (5 lb azoxystrobin/A/year, 0.118 lb acibenzolar-S-methyl/A/year).

**DO NOT** apply more than 1.1 lb of Heritage Action (0.55 lb azoxystrobin, 0.013 lb acibenzolar-S-methyl) per acre per application.

For applications with handheld equipment, **DO NOT** exceed 0.0025 lb ai/gal.
ADDITIONAL REQUIREMENTS

Applicators and other handlers must wear: long-sleeved shirt and long pants, chemical-resistant gloves, such as Barrier Laminate or Viton ≥ 14 mils, shoes plus socks and protective eyewear.

CALIFORNIA SPECIFIC REQUIREMENTS FOR GREENHOUSE HARVESTERS AND OTHER PERSONNEL WORKING WITH TREATED ORNAMENTALS

Harvesters and other personnel performing tasks with foliage contact in treated areas within fourteen (14) days of application must wear a long-sleeved shirt, long pants, and shoes plus socks.

Following treatment of ornamentals in greenhouses with the recommended rates of Tame® 2.4 EC Spray, harvesters must wear gloves for seven (7) days following application.

RESTRICTED USE PESTICIDE DUE TO TOXICITY TO FISH AND AQUATIC ORGANISMS.

For retail sale to and use by Certified Applicators, or persons under their direct supervision, and only for those uses covered by the Certified Applicator’s certification.
POLLINATOR PROTECTION

Label Requirement:

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds if bees are visiting the treatment area.
(a) Pesticides toxic to bees are those that include the words "toxic to bees" on the product labeling, regardless of modifying words on the label.

(b) Bees are considered to be inactive from one hour after sunset to two hours before sunrise or when the temperature is below 50 degrees Fahrenheit. The sunset and sunrise times will be those indicated in the local newspaper or on the local news Web site.
NOTIFICATION TO APIARY OPERATORS

6983 Summary

- Intend to apply any pesticide labeled:
  - toxic to bees to a
  - blossoming plant
  - At least 48 hours prior
  - Access the BEE WHERE program

This program will tell you if you have any registered apiary operators within 1 mile of your location. If they want notification:

1. time and place the application is to be made;
2. crop and acreage to be treated;
3. method of application;
4. active ingredient(s) and dosage rate of the pesticide to be applied; and
5. how the person performing pest control may be contacted by the apiary operator or their designated representative.
SAN DIEGO COUNTY DEPARTMENT OF AGRICULTURE

PESTICIDE REGULATION PROGRAM

(858) 694-8980
prp.awm@sdcounty.ca.gov

Kearney Mesa
9325 Hazard Way, Suite 100
San Diego, CA 92123

San Marcos
151 E. Carmel St.
San Marcos, CA 92069