



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.



#9

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

9/20/2022 7:57 AM

Submittal Status: Submitted to County

Permittee/Permit Operator DRAGONSTONE NURSERY					Operator ID/Permit Number 3313434		Document number WEB2217044896	
County 37 San Diego		Section 10	Township 09S	Range 03W	Meridian S	App Method/Funne Code Ground		Commercial Applicator Grower Applied
Site Identification Number RHA00		Site District (if Applicable) 72			Planted Area - Units 160 ACRES			
Location 1212 Syrax Way, Westeros				Block ID (if applicable)		Nursery No		
Date/Time of Proposed Application 9/22/2022 7:00 AM			Proposed Treated Area - Units 10 ACRES			Commodity Treated 154 N-OUTDR CONTAINER/FLD GRWN PLANTS		Date/Time Received
Days Re-entry	Days Pre-harvest		Applied/Supervised By			Reviewed By - Date/Time Rhaenyra Targaryan - 9/20/2022 9:47 AM		Submitted By
Approved/Denied Approved	Environmental Changes/Comments							
Mitigated	Mitigation Notes							
Chem #	Product		Label #	Rate		Dilution	Total Product Used	Target Pest
1	SEVIN SL CARBARYL INSECTICIDE		432-1227-ZA	56 Ounce / 1 ACRES				PSYLLID

#8

HAZARD COMMUNICATION FOR FIELDWORKERS

3 CCR §6761



HAZARD COMMUNICATION FOR FIELDWORKERS

- **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>



Pesticide Safety Rules For Farmworkers

Your training and this leaflet tell you about pesticide dangers at work. Pesticides are chemicals that are used to control unwanted insects, weeds, and plant diseases. If you work on a farm, or in a forest, greenhouse, or nursery, your employer must know about the pesticides used and help you learn how to protect yourself.

FERTILIZERS ARE NOT PESTICIDES.



EMERGENCY MEDICAL CARE

Your employer must plan for medical care before you start working where pesticides have been used. You or your supervisor must be informed of the location of the doctor. 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 the doctor immediately. Do not drive yourself to the doctor if you get sick at work.

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.

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 your fieldworkers. Fill in the blank lines in this leaflet and display a copy of this leaflet at the employee's worksite, all permanent decontamination facilities, and decontamination facilities serving 11 or more workers. If requested, you must read this leaflet to an employee in a language the employee understands.

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)

SAFETY DATA SHEET Minx® 2 Miticide/Insecticide

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

Product Name: **Minx® 2 Miticide/Insecticide**
 EPA Reg. No.: 228-736
 Product Type: Miticide/Insecticide
 Company Name: Nufarm Americas, Inc.
 11901 S. Austin Avenue
 Alsip, IL 60803
 1-800-345-3330
 Telephone Numbers: For Chemical Emergency, Spill, Leak, Fire, Exposure, or Accident,
 Call CHEMTREC Day or Night: 1-800-424-9309
 For Medical Emergencies Only, Call 1-877-325-1840

This product is an EPA FIFRA registered pesticide. Some classifications on this SDS are not exactly the same as on the FIFRA label. Certain sections are superseded by federal law governed by EPA for a registered pesticide. Please see Section 15. REGULATORY INFORMATION for explanation.

2. HAZARDS IDENTIFICATION


For EPA FIFRA-Specific information see Section 15

HEALTH HAZARDS:
 Acute Toxicity, Oral Category 4
 Acute Toxicity, Inhalation Category 4

ENVIRONMENTAL HAZARDS:
 Hazardous to aquatic environment, acute Category 1
 Hazardous to aquatic environment, chronic Category 1

SIGNAL WORD:
 DANGER

HAZARD STATEMENTS:
 Harmful if swallowed and inhaled. Toxic to aquatic life with long lasting effects.



PRECAUTIONARY STATEMENTS
 Wash thoroughly after handling. Do not eat, drink or smoke when using this product. Avoid breathing mist, vapors, or spray. Use only outdoors or in a well-ventilated area. Avoid release to the environment.
 IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth. IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. Call a POISON CENTER or doctor if you feel unwell. Collect spillage.
 Store in a well-ventilated place. Keep container tightly closed. Store locked up.
 Dispose of contents in accordance with local, state, and federal regulations.

January 25, 2018 Page 1 of 6

Pesticide Application Record For Friendly

(Form Unit Business Name, Etc.)

Year, 2021	Crop Or Commodity	Location	Active Ingredient Brand or Product Name	EPA Registration Number	# of Units or Acres	Total Amount of Product (oz, lb, gal, Indicator)	Appl. Information	Duration (HOURS)	Expiration (Mo/Day/Year)
8-22-21	6"	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
6-00-21	pathos	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
19	4"	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
19	pathos	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
19	pathos	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
6-22-21	6"	Cosa 1	100-564 Subdue	5000	5.0L			0 Hrs	6-25-21
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6-22-21	8"								

#7

HANDLER TRAINING

3 CCR §6724 (b-e)



HANDLER TRAINING

- **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).

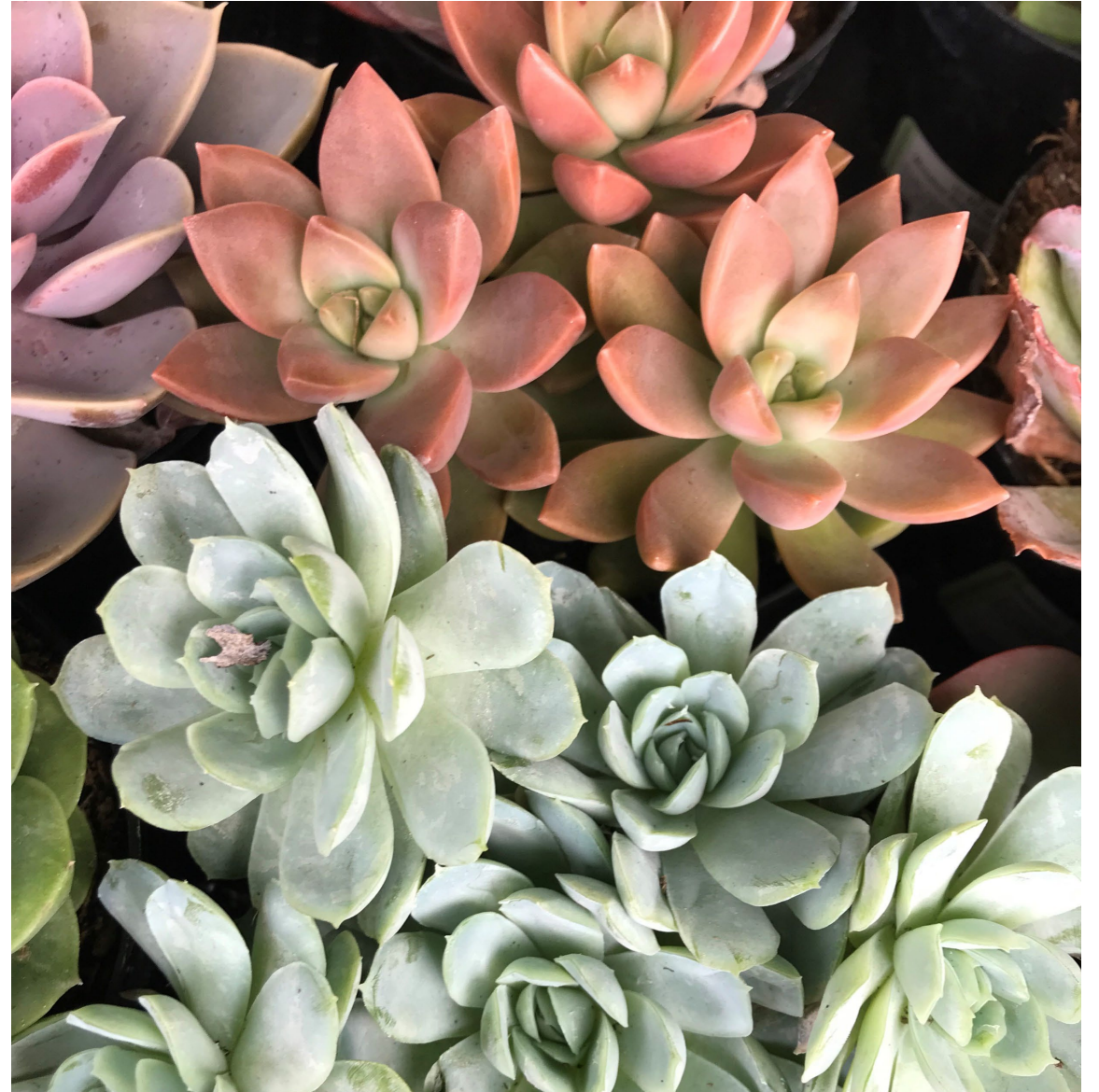
HANDLER TRAINING

- 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.



#5

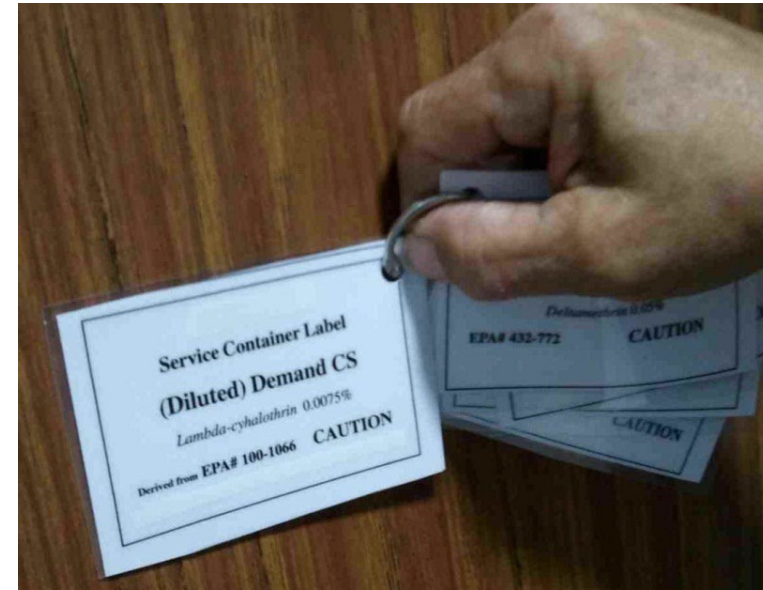
SERVICE CONTAINER LABELING

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

PEST CONTROL FOR HIRE

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



PPE: EMPLOYER RESPONSIBILITIES

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



PPE: TYPES OF GLOVES



Leather Work Gloves
When required by label!



Nitrile 5 mils



Fabric with
rubberized
palms
and fingers
NEVER!



Latex Exam
NEVER!



Leather/Latex /Nitrile
with lining

NEVER!



Nitrile 14 mils

Which gloves are acceptable for pesticide use?

PPE: GLOVE LINERS

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.





PPE: EMPLOYEE COVERALLS

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



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

Butyl Rubber:
14 mil



Barrier Laminate
and
Polyethylene:
Any thickness

Barrier Laminate:
Any thickness



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 ≥ 14 mils
- Socks plus shoes



SAMPLE PRODUCT IMAGE
See label for specific product information

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



LABELING — RATES/SITES

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 \geq 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.





POLLINATOR PROTECTION

6980. Pesticides Toxic to Bees.

(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

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