

# PESTICIDE USE IN ORGANIC SYSTEMS



Department of Agriculture, Weights and Measures  
1682 Novato Blvd, Suite 150-A  
Novato, CA 94947  
415 473 6700 T  
<https://www.marincounty.org/depts/ag>

Allison Klein  
December 13, 2018

# Marin County Department of Agriculture

WHO WE ARE. WHAT WE DO.

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- **OUR MISSION:** serve the public's interest by ensuring equity in the marketplace, promoting and protecting agriculture, protecting environmental quality and the health and welfare of Marin County's residents.
- We enforce state laws and regulations pertaining to pesticide use, sales, licensing, worker protection safety, and pesticide use reporting.
- Industries we work with:
  - Farmers, Ranchers
  - Pest Control Companies (Ag and Structural)
  - Pesticide Dealers
  - Public Agencies
  - Golf Courses, Cemeteries, Industrial Sites



# Topics

- Definitions
- Maintaining records of pesticide use
- Reporting the use of pesticides
- Operator Identification Numbers
- Pesticide safety training and the Qualified Trainer



# Definitions

- “**Pesticide**” includes any of the following:
  - Any substance intended to control, destroy, repel, or attract a pest.
  - Any spray adjuvant.

**herbicides**      **Plant growth regulators**      **disinfectants**  
**pheromones**      **insecticides**      **rodenticides**      **fungicides**

- *Included:* U.S. EPA Registered pesticides and FIFRA 25b pesticides exempt from registration
- *Not included:* fertilizers, nutrients, soil amendments



# Definitions

- “**Agricultural use**” means the use of any pesticide, method, or device for the control of plant or animal pests, or any other pests, or the use of any pesticide for the regulation of plant growth or defoliation of plants.
- It excludes the sale or use of pesticides intended for any of the following:
  - Home use
  - Use in structural pest control
  - Industrial or institutional use
  - The control of an animal pest under the written prescription of a veterinarian



# Definitions

- “**Agricultural commodity**” means an unprocessed product of farms, ranches, nurseries and forests (except livestock, poultry and fish).
- Fruits and vegetables
- Grains
- Legumes
- Animal feed and forage crops
- Rangeland and pasture
- Seed and fiber crops
- Nursery stock grown commercially
- Ornamentals and cut flowers



# What California regulation requires

1. Any property operator using a pesticide for agricultural use must **maintain records of pesticide use**.
2. Any property operator producing an agricultural commodity must **report the use of registered pesticides** applied to the crop, commodity or site to the commissioner of the county in which pest control was performed.
3. Prior to purchase and use of pesticides for the production of an agricultural commodity, the property operator must **obtain an Operator Identification Number (OIN or Op-ID)** from the commissioner of each county where pest control work will be performed.



# Operator Identification Number

3 CCR 6622

Prior to purchase and use of pesticides for the production of an agricultural commodity, the property operator must **obtain an Operator Identification Number** (OIN or Op-ID) from the commissioner of each county where pest control work will be performed.

- OIN is like a social security number
- No fee
- Required to purchase agricultural pesticides from farm supply stores

\*3 CCR = California Code of Regulations Title 3 Section...





# How do I obtain an Operator Identification Number?

- Contact your county agricultural commissioner to schedule an appointment.
- Be prepared to bring:
  - The name and address of the operator of the property
  - Location, description, or map of the site(s) where pest control will be performed
  - Commodities on which pest control will be performed
  - List of pesticides you plan on using (EPA Reg. No. if available)
- OINs typically valid for 1 calendar year
- Some CACs issue OINs for 3 years (orchards, vineyards)





Marin County  
1682 Novato Boulevard Suite 150-A  
Novato, CA 94947

Office Phone: 415-473-6700

Office Fax: 415-473-7543

**Example OIN**

**Operator Identification Number 21-18-2100165**

**Operator:** MARIN AGRICULTURAL COMMISSIONER  
1682 NOVATO BLVD. SUITE 150A  
NOVATO, CA 94947

# 2100165-2018-Version: 1  
County District #:  
Issued on:  
Valid as of: 1/1/2018  
Expires on: 12/31/2018  
Primary Phone: (415) 473-6700  
Alternate Phone:  
Mobile Phone:  
Fax:

**Agent:** Allison Klein

CA

**Type of Use:** Agricultural Use

*Employees Handle Pesticides*

**Regulatory Notes:**

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I understand this operator identification number does not relieve me from liability for any damage to persons or property caused by the use of pesticides. I acknowledge that duly authorized representatives from the County Department of Agriculture or the Department of Pesticide Regulation may, at reasonable times, enter and inspect fields, areas, structures, greenhouses and equipment (including protective clothing and equipment) where pesticides are handled, stored or applied (ref. 3 CCR 6140).

# Reporting Pesticide Use

3 CCR 6626

Any property operator producing an agricultural commodity must **report the use of registered pesticides** applied to the crop, commodity or site to the commissioner of the county in which pest control was performed.

- Includes pre-plant applications
- Even products labeled for home use must be reported
- FIFRA 25b exempt products do not need to be reported (but still keep records!)



# Reporting Pesticide Use

3 CCR 6626

- The data required to be reported includes:
  - Name of the operator of the property and **Operator Identification Number**
  - Date and time the application was completed
  - Method of application (air, ground, other)
  - Location of property treated (site ID number, county, MTRS\*)
  - Commodity treated
  - Total treated acreage or units
  - Total planted acres or units
  - Name and **U.S. EPA** or State **registration number** of pesticide used
  - Total amount and units of the undiluted pesticide used
- Reports must be submitted by the 10<sup>th</sup> day of the month following the month of application.
- 2 ways to submit PUR: hardcopy by mail/fax, or electronically using CalAgPermits.



# Submitting Pesticide Use Reports via mail/fax

STATE OF CALIFORNIA  
DEPARTMENT OF PESTICIDE REGULATION  
DPR-PML-017C (REV. 08/15) Page 1 of 2

## PRODUCTION AGRICULTURE MONTHLY PESTICIDE USE REPORT

**Submit to the Agricultural Commissioner within 10 days of the month following application.**

Month <sup>1</sup> \_\_\_\_\_ Year <sup>2</sup> \_\_\_\_\_

Operator ID/Permit No. <sup>3</sup> \_\_\_\_\_ Operator (Grower) <sup>4</sup> \_\_\_\_\_ Address <sup>5</sup> \_\_\_\_\_ City <sup>6</sup> \_\_\_\_\_ Zip Code <sup>7</sup> \_\_\_\_\_

Site Identification No. <sup>8</sup> \_\_\_\_\_ Total Planted Acres/Units <sup>9</sup> \_\_\_\_\_ County Number <sup>10</sup> \_\_\_\_\_ Section <sup>11</sup> \_\_\_\_\_ Township <sup>12</sup>  N  S <sup>13</sup>  E  W <sup>14</sup>  S  M  H

Commodity/Site Treated <sup>15</sup> \_\_\_\_\_ Field Location <sup>16</sup> \_\_\_\_\_

Date/Time Application Completed <sup>17</sup>	Acreage/ Units Treated <sup>18</sup>	Pre-plant (If Applicable) <sup>19</sup>	Application Method (Check One) <sup>20</sup>	Block ID (If Applicable) <sup>21</sup>	EPA or State Registration Number (From Label) <sup>22</sup>	Total Product Used <sup>23</sup>	Days Reentry <sup>24</sup>	Rate Per Acre <sup>25</sup>	Dilution <sup>26</sup>	Product and Manufacturer <sup>27</sup>
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume _____ <input type="checkbox"/> Other _____			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume _____ <input type="checkbox"/> Other _____			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume _____ <input type="checkbox"/> Other _____			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				
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		<input type="checkbox"/>	<input type="checkbox"/> Ground <input type="checkbox"/> Air <input type="checkbox"/> Fume _____ <input type="checkbox"/> Other _____			<input type="checkbox"/> LB <input type="checkbox"/> OZ <input type="checkbox"/> PT <input type="checkbox"/> QT <input type="checkbox"/> GA				

Report Prepared By \_\_\_\_\_ Date \_\_\_\_\_ Reviewed By \_\_\_\_\_

For Agency Use Only

Distribution: (1) CAC; (2,3) Applicator SUBMIT TO AGRICULTURAL COMMISSIONER WITHIN 10 DAYS OF MONTH FOLLOWING APPLICATION

# Submitting Pesticide Use Reports online

WWW.CALAGPERMITS.ORG

**CalAgPermits**

**Log In**

User Name:

Password:

Version 3.4.1.0 [I forgot my password](#)

[Need an account, or have questions about this site?  
Click here for contact information.](#)



Active Permit:

Active Site:

You are logged in as: jstilespractice

Change Password Change Q and A Logout

### Monthly Pesticide Use Report - Production Ag Growers/Operators only

Report Status:

Time Stamp:

Submittal Status:

Operator ID/ Permit # <input type="text" value="Type a code or name"/>	Document # <input type="text" value="Auto Assigned"/>
Report Month/Year <input type="text" value="MM / YYYY"/>	

Operator (Grower)	County 21 Marin County	Address	City	Zip Code	
Section	Township	Range	Base & Meridian	Location	Planted Area/Units

Application Date / Time <input type="text"/>	Application Method/Fume Code <input type="text" value="choose one..."/>
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Line #:

Site Identification Number <input type="text"/>	Block ID <input type="text" value="-- opt --"/>
Commodity Treated <input type="text" value="Applied prior to planting"/> <input type="checkbox"/>	Treated Area - Units <input type="text"/> <input type="text" value="A - ACRES"/>

Product EPA Number/Name <small>(pick from either list below)</small> <small>All Products</small> <input type="text" value="Type a code or name"/> <small>My Products</small> <input type="text" value="Type a code or name"/>	Days Re-entry <input type="text" value="-opt-"/>	Dilution <input type="text" value="choose one..."/>
Total Product Used - Units <input type="text"/> <input type="text" value="choose one..."/>	Rate	

Line	Date/Time Applied	Site ID	Commodity Treated	Pre-plant	Total Planted	Total Treated	EPA / Calif. Reg. No.	Product Name	Appl.	Fume
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# Pop Quiz!

Product Name	EPA Reg. No.	Active Ingredients	Signal Word	PUR required?
	51517-9	Caprylic acid, Capric acid	Warning	YES
	70299-23	Ammonium Nonanoate	Warning	YES
	85208-1- 90394	Acetic acid	Danger	YES
	<i>Exempt</i> *	Cinnamon oil, Clove oil, Lactose	<i>None</i>	NO

*\*FIFRA 25b pesticides do not need to be reported*





# Recordkeeping

3 CCR 6624

Any property operator using a pesticide for agricultural use must **maintain records of pesticide use.**

- Records must be kept for 2 years
- Made available to the director or commissioner upon request
- Reviewed during Pest Control Headquarters Inspections



# Pesticide Safety Training

3 CCR 6724 & 6764

## **Do you have employees handling pesticides, or fieldworker-employees working in treated fields?**

Employers must comply with State worker safety regulations designed to protect their workers, the public, and the environment from potential adverse effects of pesticides used.

- The employer must:
  - Assure that each employee is adequately trained in general pesticide safety and correct pesticide-handling procedures before they are allowed to handle a pesticide or work in a treated field.



# Use a Qualified Trainer

3 CCR 6724 & 6764

- The person conducting training for employees handling pesticides for the commercial production of an agricultural plant commodity **must be qualified** as one of the following:
  - A California certified commercial applicator (QAL, QAC)
  - **A California certified private applicator (PAC)**
  - A University of California Extension Advisor
  - A person who has completed an “instructor training” program presented by one of the following:
    - UC IPM
    - Other instructor training program approved by the DPR
  - A California licensed Agricultural Pest Control Adviser (PCA)
  - A California Registered Professional Forester



# How to become a Certified Private Applicator

- County Ag Departments issue private applicator certificates
- Must demonstrate competency to use and supervise the use of pesticides properly and safely
- Written examination
- No fee for taking the exam, obtaining the PAC card, or recertifying
- PAC card valid for three years
- Regardless of where it was issued, the PAC card is acceptable in any county



# If in doubt...

- ...CHECK WITH YOUR ORGANIC CERTIFIER BEFORE USING ANY PRODUCT!
  - “Organic” on the label doesn’t mean it’s necessarily approved for use in organic production.
- ...CONTACT YOUR COUNTY AG DEPT. WITH QUESTIONS ABOUT USE REPORTING
  - Pesticides used for the production of an agricultural commodity must be registered by the US EPA, or exempt from registration
  - Cannot use white vinegar from the grocery store (5% acetic acid)



COUNTY AGRICULTURAL COMMISSIONER CONTACT INFO

<b>Marin County</b>	<b>Sonoma County</b>	<b>Napa County</b>
(415) 473-6700	(707) 565-2371	(707) 253-4357
1682 Novato Blvd. Suite 150-A Novato, CA 94947	133 Aviation Blvd. Suite 110 Santa Rosa, CA 95403	1710 Soscol Ave. Suite 3 Napa, CA 94559

Compliance Assistance for Employers:

<https://www.cdpr.ca.gov/docs/dept/quicklinks/compliance.htm>



# Thank You



Photo Credit: Jeff Wong



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