



Pesticide Licensing & Certification Requirements

SONOMA COUNTY DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

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SANTA ROSA, CA 95403

WWW.SONOMACOUNTY.CA.GOV/AWM

PAC vs. QAC vs. QAL

Private Applicator Certificate (PAC)

Individual who supervises the use of restricted pesticides for purposes of producing an agricultural commodity on property *owned, leased, or rented* by them or their employer

California Department of
Pesticide Regulation
Pest Management and
Licensing Branch

STATE OF CALIFORNIA

PRIVATE APPLICATOR CERTIFICATE

CERTIFICATE NUMBER: _____ VALID THROUGH: DEC

NAME: _____

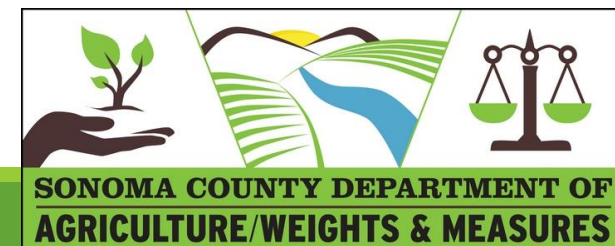
ADDRESS: _____



PAC vs. QAC vs. QAL

Qualified Applicator Certificate (QAC)

Individual who supervises the use of restricted pesticides on property that **is not owned, leased, or rented** by them or their employer



Who Needs a Qualification?

Anyone involved in training or supervising pesticide handlers and/or fieldworkers as required by regulation or pesticide product labeling.

- California certified commercial applicator (QAL or QAC)
- California certified private applicator (PAC)
- California licensed Pest Control Advisor (PCA)
- California registered Professional Forester

- University of California Extension Advisor

- Person completed “instructor training” through
- UC IPM program or DPR

- County licensed Agricultural Inspector

Pesticide Training
Handler Safety Training Record
Pursuant to 3 CCR section 6724

Training is in accordance with Employer's Written Handler Training Program

Print EMPLOYER's name: _____ Initial/Annual Training Date: _____

Print EMPLOYEE's name*: _____ Print TRAINER's name: _____

EMPLOYEE's signature: _____ Trainer Qualification*: _____

Trainer Lic/Cert #*: _____

ASSIGNED JOB DUTIES

Mixer/Loader Service/Repair

Applicator Flagger Other: _____

Title(s) and source(s) of the training materials used*:

* Required for employee pesticide training for the production of agricultural products



What topics do employees need to be trained on?

Routes of exposure

Signs & Symptoms of overexposure

Decontamination

Environmental concerns

Safety Data Sheet (SDS) information

How to report pesticide violations

Employee's rights

etc.

For each pesticide to be used



Employer's Written Handler Training Program

Pesticide Training
Employer's Written Handler Training Program (continued)
Pursuant to 3 CCR section 6724

Pesticide Training
Employer's Written Handler Training Program (continued)
Pursuant to 3 CCR section 6724

Pesticide Training
Employer's Written Handler Training Program
Pursuant to 3 CCR section 6724

Pesticide Training
Employer's Written Handler Training Program
Pursuant to 3 CCR section 6724

Name of Firm or Person Providing Training:

Note: For the commercial or research production of an agricultural plant commodity, the employer must assure the trainer is one of the following at the time of training (trainer licenses or certificates must be valid):

- A California certified applicator (commercial or private) or Agricultural Pest Control Advisor
- A County Biologist License in Pesticide Regulation or Investigation and Environmental Monitoring
- A University of California Extension Advisor
- A person who has completed non "instructor training" program
- A California Registered Professional Forester
- Other trainer qualification approved by DPR.

Training Materials:
Name of videos, pamphlets, study guides, or other training materials, and a brief description

1 _____
2 _____
3 _____
4 _____
5 _____

(Attach additional pages if necessary)

Circle Pesticide Safety Information Series (PSIS) Leaflets Used:
A-1 A-2 A-3 A-4 A-5 A-6 A-7 A-8 A-9 A-10
N-1 N-2 N-3 N-4 N-5 N-6 N-7 N-8

Pesticide product labeling and Safety Data Sheets (SDS) as noted below:

Product Name	Labeling?	SDS?
1 _____	Yes / No	Yes / No
2 _____	Yes / No	Yes / No
3 _____	Yes / No	Yes / No
4 _____	Yes / No	Yes / No
5 _____	Yes / No	Yes / No
6 _____	Yes / No	Yes / No
7 _____	Yes / No	Yes / No
8 _____	Yes / No	Yes / No
9 _____	Yes / No	Yes / No
10 _____	Yes / No	Yes / No
11 _____	Yes / No	Yes / No

(Attach additional pages if necessary)
(Circle Yes or No)

Continued on next page



Pesticide Training
Handler Safety Training Record
Pursuant to 3 CCR section 6724

Training is in accordance with Employer's Written Handler Training Program

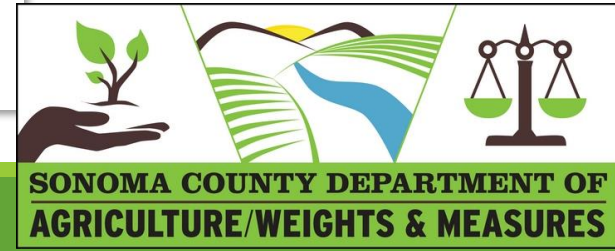
Print EMPLOYER's name: _____ Initial/Annual Training Date: _____
Print EMPLOYEE's name*: _____ Print TRAINER's name: _____
EMPLOYEE's signature: _____ Trainer Qualification*: _____
ASSIGNED JOB DUTIES
 Mixer/Loader Service/Repair
 Applicator Flagger Other: _____
Trainer Lic/Cert #: _____

Title(s) and source(s) of the training materials used*:

* Required for employee pesticide training for the production of agricultural commodities.

Pesticide (Attach additional pages if necessary)	READ THE LABEL: Signal word, precautionary statements, PPE, first aid, rate, dilution volume	SAFETY REQUIRE- MENTS and procedures, including engineering controls (such as closed mixing systems and enclosed cabs)	HAZARDS OF THE PESTICIDE including acute, chronic, and delayed effects, and sensitization effects from labeling, SDS, or other sources	SIGNS AND SYMPTOMS of overexposure	Initials		Date Employee Trained on Pesticide
					Trainer	Employee	

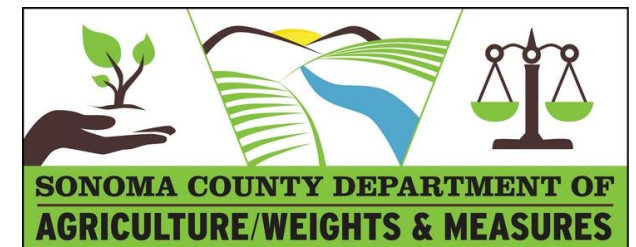
The employer must keep this record for two years at a central location at the workplace accessible to employees.
(Rev. 6/2018)



Purpose & Background

To align California with **Title 40, Code of Federal Regulations (CFR) Part 171** “Certification of Pesticide Applicators”

Federal process began in 2017 to improve competency standards for certified applicators



Key Changes

New commercial applicator fumigation categories

- Alignment of commercial applicators with Federal categories and competencies

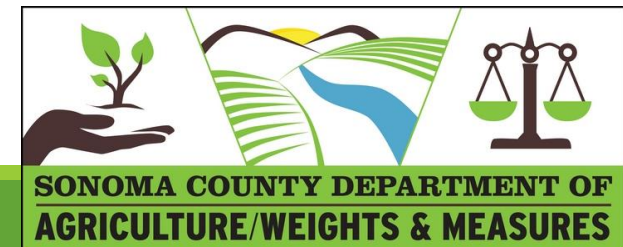


Expansion of Private Applicator Certificate (PAC) competencies

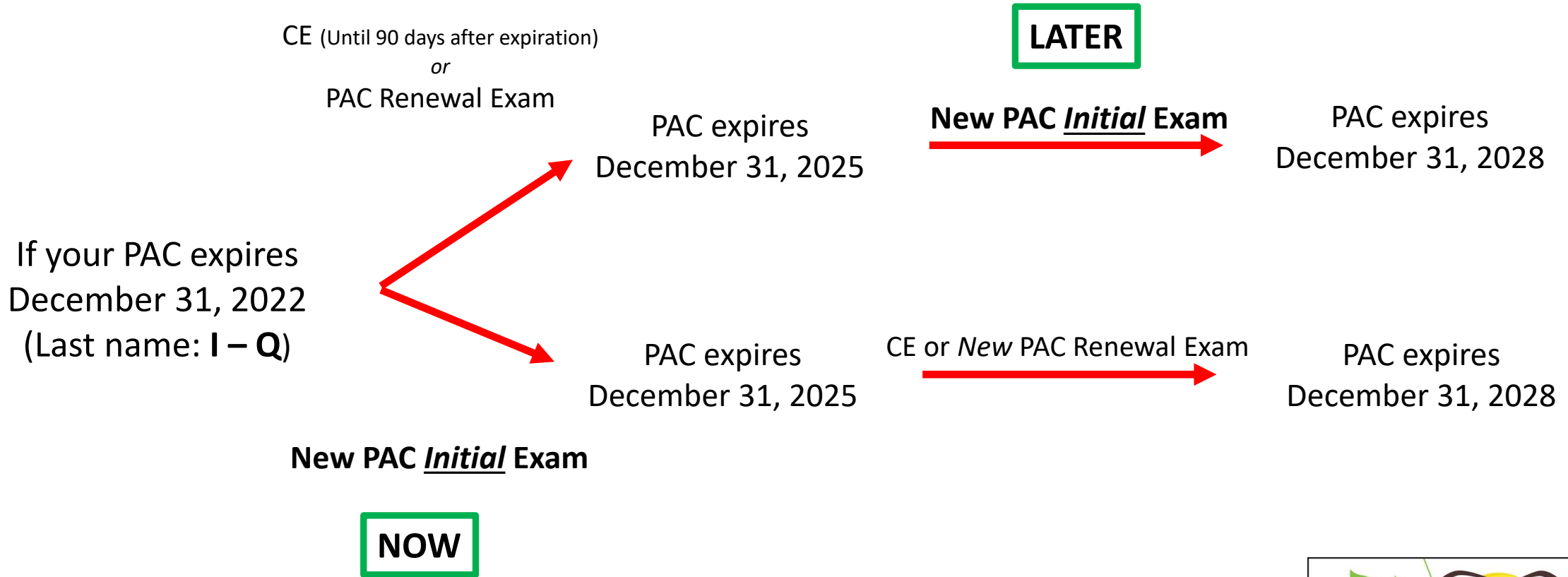
- New PAC Burrowing Vertebrate Pest Fumigation Certificate category/option
- Limitations on fumigant activities within the scope of a PAC



Continuing Education (CE) standards



PAC Renewal Example



New private Applicator Burrowing Vertebrate Pest Certificate Option

40 CFR Part 171 requires private applicators using fumigants to be certified in fumigant use.

- States are allowed to establish private applicator certificate options to

Burrowing Vertebrate Pest Fumigation Certificate Option





Study Manual for Private Applicator Certification Exam



PAC Manual,
English



PAC Manual,
Spanish



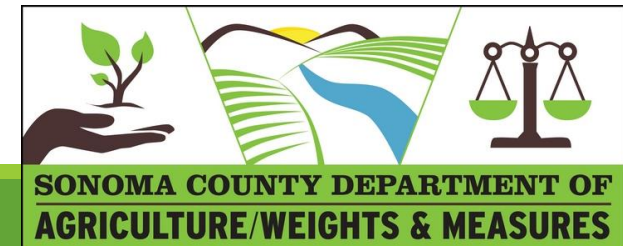
PAC Manual,
Electronic
English or Spanish



PESTICIDE SAFETY
A STUDY MANUAL FOR PRIVATE APPLICATORS
THIRD EDITION UC Statewide Integrated Pest Management Program



UNIVERSITY OF CALIFORNIA
Agriculture and Natural Resources
Publication 3383-3



Continuing Education (CE) Requirements for Private Applicator Certificates (PAC)

PAC Valid at the Time of Renewal

Hours

24 – 36 months

Minimum **6 hours** including minimum 2 hours laws & regs.

12 – 24 months

Minimum **4 hours** including minimum 2 hours laws & regs.

<12 months

Exempt from CE hours

Impacts to Current Use of Sulfur Dioxide (SO₂)

Qualified Applicator License (QAL)

or **Subcategory P (Microbial Pest Control)** → **Subcategory M (Non-Soil Fumigation)**

Qualified Applicator Certificate (QAC)



Elimination of QAL/QAC Subcategories

Residential, Industrial and Institutional (Category A)

Landscape Maintenance (Category B)

Right-of-Way (Category C)

Plant Agriculture (Category D)

Forest (Category E)

Aquatic (Category F)

Regulatory (Category G)

Seed Treatment (Category H)

Animal Agriculture (Category I)

Demonstration & Research (Category J)

Health Related (Category K)

~~Wood Preservation (Subcategory L)~~

~~Antifouling Paints or Coatings (Subcategory M)~~

~~Sewer Line Root Control (Subcategory N)~~

~~Field Fumigation (Subcategory O)~~

~~Microbial Pest Control (Subcategory P)~~

Soil Fumigation (Category L)

Non-Soil Fumigation (Category M)



Certification & Training | Additional Resources



 <https://www.cdpr.ca.gov/docs/legbills/rulepkgs/22-003/22-003.htm>



Certification & Training | Additional Resources

(a) Name and business address of the permittee and signature of either the permittee, or when allowed by the commissioner, the permittee's authorized representative or licensed agricultural pest

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(1) Individuals supervising restricted material applications only on Tribal or Federal land and certified by:

(A) The Tribe or Federal agency responsible for that land under a U.S. EPA-approved

direct supervision of a certified private or commercial applicator whose categories and scope of

"Tribe" means any Native Tribe, band, nation, pueblo, village, or community included in the list

NOT

1400

1170

and 1

TEXT OF PROPOSED REGULATIONS

Current wording is indicated by regular type.

Proposed deletions are indicated by ~~underline~~.

Proposed additions are indicated by underline.

DIVISION 6. PESTICIDES AND PEST CONTROL OPERATIONS

CHAPTER 1. PESTICIDE REGULATORY PROGRAM

SUBCHAPTER 1. DEFINITION OF TERMS

ARTICLE 1. DEFINITIONS FOR DIVISION 6

Amend section 6000 to read:

6000. Definitions.

"Certified commercial applicator" means:

(a) An individual person holding a valid Qualified Applicator License issued by the ~~Director~~;

(b) A pilot holding a valid Manned or Unmanned Journeyman Pest Control Aircraft ~~Pilot's Certificate~~ issued by the ~~Director~~;

(c) An individual person holding a certified Vector Control Technician certificate issued by the Vector Biology and Control/Vector Control Section of the Department of Public Health Services;

(d) An individual person holding a valid active structural pest control operator or field representative license issued by the Structural Pest Control Board of the Department of Consumer Affairs; and

(e) An individual person holding a valid Qualified Applicator Certificate issued by the Director, except those individuals qualified to work solely in subcategory Q listed in Section 6531; and

(f) An individual certified by a Federal agency under a U.S. EPA-approved certification plan for pesticide applications only on Federal lands, in accordance with the Federal agency certification.

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"Commercial park" means a tract of land where several commercial establishments (e.g., stores, offices, restaurants, warehouses, or factories) are located. This includes, but is not limited to, business parks, industrial parks, office parks, and shopping centers or malls.

...

"Incidental" means pest control that ensues from, or is a minor consequence of, a business' overall ornamental and turf maintenance activities. Pest control separate from ornamental and

1

YouTube

Search

Certification and Training of Pesticide Applicators (C&T) – Regulations Update

Enforcement - Licensing and Certification Program
Spring 2022

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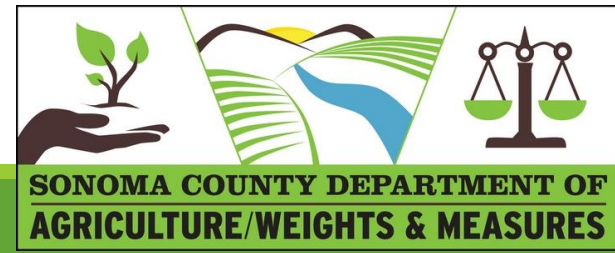
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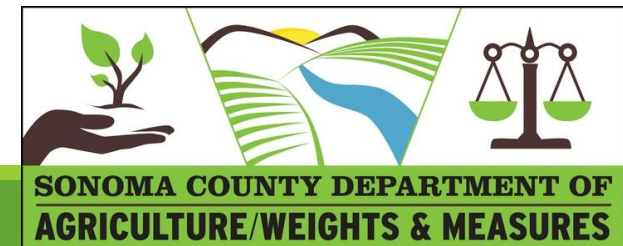
California Department of Pesticide Regulation



Certification & Training | Additional Resources



<https://youtu.be/DO4WjgZne6Q>





Study Manual for Private Applicator Certification Exam



PAC Manual,
English



PAC Manual,
Spanish



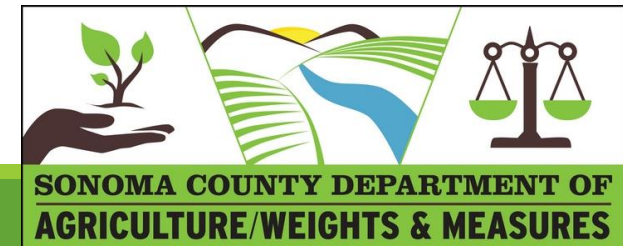
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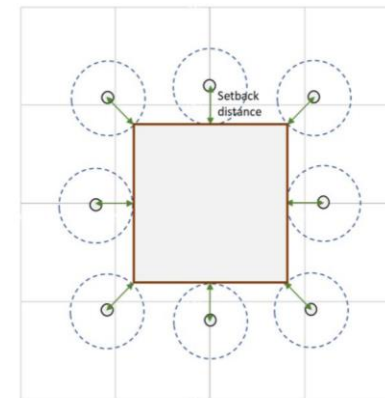
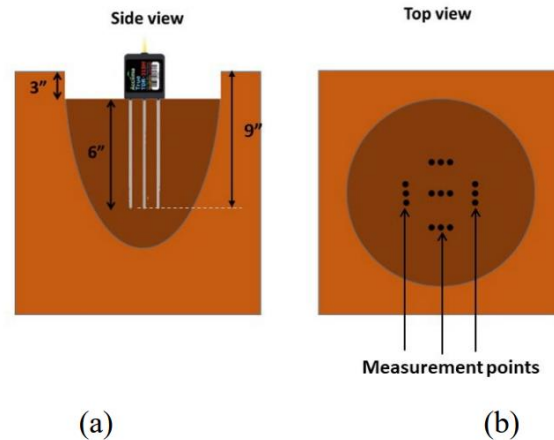
NEW DPR 22-005 Health Risk Mitigation and Volatile Organic Compound Emission Reduction for 1,3-Dichloropropene

[Back to Proposed and Recently Adopted Regulations](#)

[Sign-up](#) to receive Notices of Proposed Regulatory Action via e-mail.

DPR 22-005 Health Risk Mitigation and Volatile Organic Compound Emission Reduction for 1,3-Dichloropropene (Notice 11/18/22; Comment period closes 1/18/23)

DPR proposes to adopt sections 6448.3 and 6448.4; amend sections 6448, 6449.1, 6452, 6452.2, 6624, 6626, and 6881; and adopt new section 6448.1, and renumber and amend previous section 6448.1 as section 6448.2 of Title 3, California Code of Regulations. The proposed action will restrict the use of 1,3-dichloropropene (1,3-D) to mitigate the potential 72-hour acute risk and 70-year lifetime cancer risk to non-occupational bystanders. The proposed mitigation measures will also further reduce the emissions of 1,3-D as a volatile organic compound. The proposed action will allow the use of 1,3-D only for the production of agricultural commodities, effectively prohibiting other uses that are not currently registered; establish mandatory setbacks (distances from occupied structures where 1,3-D cannot be applied); set limits on the application rate and acres treated for individual field soil fumigations; place restrictions on multiple field soil fumigations that do not meet distance or time separation criteria; limit the allowed methods to apply 1,3-D, including establishing criteria for acceptable types of tarpaulins that can be used; require an annual report from DPR that includes evaluations of 1,3-D use and air monitoring results; and require the inclusion of certain information in existing pesticide use records and pesticide use reports. DPR also proposes to incorporate “1,3-Dichloropropene Field Fumigation Requirements, Est. January 1, 2024” by reference in proposed sections 6448, 6448.2, 6624, and 6626. A copy of this document is included in the rulemaking file and is posted below.



SONOMA COUNTY DEPARTMENT OF AGRICULTURE/WEIGHTS & MEASURES

SPRING PLASTIC RECYCLING DAY

INTERSTATE AG PLASTICS

PLASTIC PESTICIDE/CHEMICAL CONTAINERS

MONDAY, MAY 1, 2023

9:00 AM – 3:00 PM

GROW WEST GEYSERVILLE

20780 GEYSERVILLE AVENUE

GEYSERVILLE, CA 95441

- Plastic containers ranging from 1 pint to 55 gallons
- Containers must be triple-rinsed and dried
- Containers 15 gallons and larger must be cut into quarters prior to bringing to Recycling Day
- All plastic lids, plastic/metal handles and rings, label booklets, and plastic sleeves must be removed (glued labels accepted)
- Secure containers in trucks and trailers during transport



ONLY PLASTIC PESTICIDE AND FERTILIZER CONTAINERS ACCEPTED AT THIS EVENT



Contact Us!

Alexander Nguyen

Senior Agricultural Inspector

(707) 565-2371

Alex.Nguyen@Sonoma-county.org

