

ED KING
Agricultural Commissioner
Sealer of Weights and Measures

PRISCILLA YEANEY
Assistant Agricultural Commissioner
Sealer of Weights and Measures

**COUNTY AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**



OFFICE LOCATION:
2543 Cordelia Road
Fairfield, CA 94534

MAILING ADDRESS:
675 Texas Street
Fairfield, CA 94533

Phone (707) 784-1310
Fax (707) 784-1312
www.solanocounty.com

CONDITIONS FOR THE USE OF AVICIDES

The Solano County Agricultural Commissioner places the following conditions on the use of avicides for pest control in Solano County:

- Notify the Solano County Agricultural Commissioner at least 24 hours prior to first putting out avicide treated baits at a new site.
- To assure acceptance by the target species, carefully observe the birds' habits and then pre-bait with untreated bait of the same type as the avicide bait for about two weeks or until the pre-bait is readily eaten.
- Assure, through observation, that no desirable or protected species are among the target birds feeding at the bait stations. Note during pre-baiting which stations are frequented by any non-target species and refill those stations with untreated grain only in order to keep non-target species away from the treated bait.
- Use the label-recommended number of bait stations of adequate size to ensure that most of the target birds can feed at one time. Use of trays will facilitate removal and changing of baits. Once good feeding is established, a ratio of treated to untreated bait should be chosen to give the desired mortality.
- Place treated bait early in the morning and replaced with untreated baits after the morning feeding. In sensitive locations or high traffic areas, put out treated baits on weekends or holidays; and monitor the location during feeding and as long as necessary to clean up dead and dying birds.
- Inspect the premises each morning during the baiting program and dispose of dead or dying birds as quickly as possible. If good feeding has been established during pre-baiting, the ratio of treated to untreated bait can be replaced with untreated bait after one or two days, and the pre-baiting and baiting cycle repeated until the desired level of population reduction is obtained.
- If unconsumed bait remains after the bird population is reduced to acceptable levels, remove and dispose of it according to the label. Alternatively, you may place unconsumed bait into a properly labeled and sealed container which indicates the blend ratio used, and store for future use.

Carcass Survey and Disposal

Carcass surveys and carcass disposal shall be performed in the treatment area beginning on the third day following initial exposure of toxic baits. Any exposed carcasses shall be disposed of (e.g., completely buried) in a manner inaccessible to wildlife. Carcass surveys shall continue for at least 5 days after toxic baiting has ceased and thereafter until no more carcasses are found. Carcasses should be handled with care to avoid contact with parasites. Carcass surveys are intended to be incorporated as part of any pest control program which employs a toxicant where residual in the carcass may pose a risk of secondary exposure to non-target species.

Swainson's Hawk:

Based on the food habits of this species, the Swainson's Hawk appears to be at risk for secondary exposure to toxic baits.

American Peregrine Falcon:

Based on the food habits of this species, the Peregrine Falcon appears to be at risk for secondary exposure to toxic baits.

RECOMMENDED USE RESTRICTIONS:

Reference the California Department of Pesticide Regulation's PRESCRIBE, an online endangered species database for further information.

<http://calpip.cdpr.ca.gov/infodocs.cfm?page=aboutprescribe>

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CONDITIONS COVERING THE USE OF BURROWING RODENT FUMIGANTS

ALUMINUM PHOSPHIDE, MAGNESIUM PHOSPHIDE

***Beginning on January 1, 2024, all PAC holders are prohibited from using or supervising the use of fumigants until they acquire the appropriate new and revised certifications.**

ONLY private applicators who have taken and passed the revised initial Private Applicator Certificate Examination (version released on October 1, 2022) are eligible to take the Burrowing Vertebrate Pest Fumigation certification examination.

Aluminum and magnesium phosphide must only be used out-of-doors for control of burrowing pests on agricultural areas, orchards, non-crop areas, pastures, rangeland, golf courses, athletic fields, airports, cemeteries, rights-of-ways, earthen dams, parks and recreational areas, other non-residential institutional or industrial sites, and on residential or other commercial properties.

Use of aluminum and magnesium phosphide is prohibited within 100 feet of any building where humans and/or domestic animals do or may reside on single and/or multi-family residential properties and nursing homes, schools (except athletic fields [application is allowed less than 100 feet to an occupied structure]), daycare facilities, hospitals and other commercial buildings that are regularly occupied.

Prior to use of aluminum and magnesium phosphide in athletic fields or parks, the applicator shall post a sign at entrances to the site containing: the signal word DANGER/ PELIGRO; an image of skull and crossbones; the words: DO NOT ENTER/NO ENTRE, FIELD NOT FOR USE; the name and EPA registration number of the fumigant; and a 24-hour emergency response number and the contact number of the certified applicator responsible for the application.

When aluminum and magnesium phosphide products are used out-of-doors on a site other than an athletic field or park, the applicator shall post a sign at the application site containing the signal word DANGER/PELIGRO; an image of skull and crossbones; the words: DO NOT ENTER/NO ENTRE; the name and EPA registration number of the fumigant; and a 24-hour emergency response number and the contact number of the certified applicator responsible for the application.

Signs may be no smaller than 9 inches by 11 inches and must stand at least 18 inches high from the ground. Signs must be made of substantial material that can be expected to withstand adverse weather conditions and all information must be legible. Signs shall remain posted for a minimum of 2 days after the final treatment.

DO NOT TREAT ANY BURROWS THAT OPEN UNDER OR INTO OCCUPIED BUILDINGS. In addition, check for any other source through which the gas may enter into occupied buildings as a result of application to burrows. If there is any way gas can move through pipes, conduits, etc. from burrows, do not treat these burrows.

Prior to treating a rodent burrow, the certified applicator must provide the property operator or owner with a copy of the Fumigation Management Plan (FMP). An FMP is a written description of the steps designed to plan for a safe, legal, and effective fumigation. The certified applicator and owner of the property to be fumigated must describe the area to be treated and include all safety requirements.

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CONDITIONS COVERING THE USE OF COMMODITY FUMIGANTS

**ALUMINUM PHOSPHIDE, MAGNESIUM PHOSPHIDE, METHYL BROMIDE,
SULFURYL FLUORIDE, PHOSPHINE**

Beginning July 2023, DPR has two new fumigation categories available for Qualified Applicator License (QAL) and Qualified Applicator Certificate (QAC) holders. If you perform pest control using a pesticide labeled as a fumigant, you must obtain the new Non-Soil Fumigation (Category M) category.

DPR suggested permit conditions for the fumigants being used will be issued to you with your permit for Methyl Bromide and Sulfuryl Fluoride. These conditions must be followed in addition to regulations and label requirements.

If any changes are made to your Fumigation Management Plan, you must submit a copy to the Agricultural Commissioner's office. A copy of your Fumigant Management Plan may be requested at any time. A 48-hour NOI is required prior to the use of any commodity fumigant in Solano County.

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DPR suggested permit conditions for the fumigants being used will be issued to you with your permit for Methyl Bromide and Sulfuryl Fluoride. These conditions must be followed in addition to regulations and label requirements.

If any changes are made to your Fumigation Management Plan, you must submit a copy to the Agricultural Commissioner's office. A copy of your Fumigant Management Plan may be requested at any time. A 48-hour NOI is required prior to use of any commodity fumigant in Solano County.

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CONDITIONS COVERING THE USE OF FIELD FUMIGANTS

**METAM-SODIUM, METAM-POTASSIUM, DAZOMET, CHLOROPICRIN, 1,3-DICHLOROPROPENE,
METHYL BROMIDE, SODIUM TETRATHIOCARBONATE**

DPR suggested permit conditions for the fumigants being used will be issued to you with your permit. These conditions must be followed in addition to regulations and label requirements.

A fumigant application worksite plan must be received at least 9 days prior to the intended application date. Templates are available from the Agricultural Commissioner's office.

Notice of Intent (NOI) can only be submitted once a fumigant application worksite plan has been approved. A 48-hour NOI is required prior to the use of any field fumigant in Solano County.

The review process can be lengthy and complex, please plan accordingly. This will include, but is not limited to, an on-site visit to confirm distances to occupied structures, assessment of application equipment including chemigation systems and closed systems used for material transfer, confirmation that monitoring devices have been obtained, review of the fumigation management plan, and assurance that appropriate safety training such as respirator training has been conducted for applicators prior to the application.

The continued availability of these materials is based on the safety measures that have been adopted to prevent offsite movement and worker/bystander exposure. Label changes, regulations, and permit conditions provide for the continued use of these products as tools in integrated pest management systems.

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GROUND WATER PROTECTION REGULATIONS

The following applies statewide whenever certain pesticides are used:

Inside canals and ditch banks:

Use of Atrazines, Simazines, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon is prohibited below the high water line inside unlined canals and ditches, unless the pesticide user can document that the percolation rate of the canal or ditch is 0.2 inches per hour or less OR the pesticide is applied six months before water is run in the canal or ditch.

In artificial recharge basins:

Use of Atrazines, Simazines, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon is prohibited below the high water line unless the pesticide is applied six months or more before the basin is used to recharge ground water.

The following wellhead protection regulations apply to ALL growers:

- 1) The following activities are prohibited within 100 feet of a well (including domestic, municipal, agricultural, dry or drainage, monitoring, or abandoned wells):
 - a) Mixing, loading, and storage of pesticides.
 - b) Rinsing of spray equipment or pesticide containers.
 - c) Maintenance of spray equipment that could result in spillage of pesticide residues on the soil.
 - d) Application of pre-emergent herbicides.
- 2) Wells are not subject to the requirements in (1) if they are:
 - a) Sited so that runoff water from irrigation or rainfall does not move from the perimeter of the wellhead toward the wellhead and contact or collect around any part of the wellhead including the concrete pad or foundation; or
 - b) Protected by a berm constructed of any material sufficient to prevent movement of surface runoff water from the perimeter of the wellhead to the wellhead.
- 3) Application of pre-emergent herbicides is prohibited between the berm and the wellhead.

The following permit conditions apply to uses of Atrazines, Simazines, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon in Ground Water Protection Areas (GWPA's):

If any one of these materials will be used in a GWPA, the grower needs to utilize a management practice. There are two types of GWPA's: Runoff and Leaching. There are a variety of management practices for each type of GWPA (see list).

GROUND WATER PROTECTION AREA PERMIT CONDITIONS

The following regulations apply to uses of Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon in Ground Water Protection Areas (GWPA’s). If any one of these materials will be used in a GWPA, the grower needs to utilize a management practice.

Permittee will not use Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon on any of their sites located in a Ground Water Protection Area (GWPA). Permittee will inform the Agriculture Department and obtain a Restricted Material Permit for any of these chemicals prior to their use in a GWPA.

The following sections are GWPA’s in Solano County:

- **Runoff:** 5N 1W 2, 10, and 15; 6N 1E 6, 8, 10, 14, 18, 19, 21, 22, and 23; 6N 1W 13 and 36; 7N 1E 4, 5, 10, 23, 25, 32, 33, and 35 (Dixon)
- **Leaching:** 3N 1E 07; 3N 1W 01, 11, 12, and 14; 4N 1E 07; 4N 1W 23, 24, 26, 35 and 36; 4N 2W 01, 11, 13, 14, and 24 (Montezuma Hills)

Management Practice Options:

Use of the above pesticides is prohibited unless any one of the following management practices is designated on the permit for each site.

Runoff

1. The pesticide shall be applied between April 1 and July 31; or
2. Disturb the soil within 7 days before application (does not apply to the area to be treated that is immediately adjacent to the crop row and that does not exceed 33 percent of the distance between crop rows); or
3. Incorporate the pesticide on at least 90 percent of the area treated within 48 hours after the day of application (does not apply to the area to be treated that is immediately adjacent to the crop row and that does not exceed 33 percent of the distance between crop rows). The pesticide shall be incorporated mechanically or by pressurized irrigation, using ¼ - 1 inch of water that does not cause surface water runoff; or
4. The pesticide shall be applied as a band treatment immediately adjacent to the crop row so that not more than 33 percent of the distance between rows is treated; or
5. Keep water onsite in a storage basin for six months following the application. The retention area on the field shall not have a percolation rate of more than 0.2 inches per hour (5 inches per 24 hours); or
6. Keep water offsite in a storage basin under the control of the permittee, for six months following the application. The retention area on the field shall not have a percolation rate of more than 0.2 inches per hour (5 inches per 24 hours); or
7. Channel runoff onto a fallow field for six months following application, with full consideration of any plant back restrictions.

Leaching

1. Do not apply any irrigation water for six months following application of the pesticide; or
2. Irrigation water shall remain at or below the level of the treated area for six months following application of the pesticide; or
3. Irrigate efficiently for six months following application (do not apply more than 133 percent of water required to satisfy evapotranspiration losses).

All sites where these herbicides will be used must be listed below.

PERMITTEE: _____

PERMIT NUMBER: _____

Site Number(s) (List all sites, the GWPA Type and the Management Practice Choice)	GWPA Type (Check One)		Management Practice Choice Number
	Runoff	Leaching	

Permittee will not use Atrazine, Simazine, Bromacil, Diuron, Prometon, Bentazon, or Norflurazon on sites located in a Ground Water Protection Area (GWPA) unless that site is listed above. Permittee must obtain a Restricted Material Permit from the Ag Dept for any of these chemicals prior to their use in a GWPA.

Permittee’s Signature: _____

Date: _____

Issuing Biologist’s Signature: _____

Date: _____

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CONDITIONS COVERING THE NOTICE OF INTENT

The pesticide regulatory program is certified as “EIR functionally equivalent.” This means that the State and County Agricultural Commissioners (CACs) do not have to prepare an Environmental Impact Report (EIR), or negative declaration, on each activity, product, or permit approved. The EIR functional equivalency can be withdrawn if the Department of Pesticide Regulation and the CACs fail to carry out the program as prescribed.

Restricted Materials Permit and Notice of Intent (NOI) evaluation by the Commissioner is required by Food and Agricultural Code Chapter 3 Restricted Materials commencing with section 14001. NOIs must be submitted by 12:00 PM at least 1 business day prior to the weekend, holiday, or day following the weekend or holiday in order to ensure sufficient time for evaluation of proposed applications. For the 2024 season, Solano County holidays are as follows:

Monday, January 1, 2024
Monday, January 15, 2024
Monday, February 12, 2024
Monday, February 19, 2024
Monday, May 27, 2024
Thursday, July 4, 2024
Monday, September 2, 2024
Monday, October 14, 2024
Monday, November 11, 2024
Thursday, November 28, 2024
Friday, November 29, 2024
Tuesday, December 24, 2024
Wednesday, December 25, 2024
Tuesday, December 31, 2024

County holidays are also listed at http://www.solanocounty.com/cals/county_holidays.asp

The Commissioner shall be notified at least 24 hours prior to the use of a California Restricted Material. The NOI may be submitted to the Commissioner by the operator of the property to be treated, the operator's authorized representative, or the licensed pest control operator who is to apply the pesticide. The Commissioner may allow less than 24 hours' notice if they determine that, because of the nature of the commodity or pest problem, effective pest control cannot be attained or when 24 hours are not necessary to adequately evaluate the intended application (a waiver must be obtained in these instances).

If the start of the application is delayed beyond 4 days from the proposed NOI date due to unforeseen circumstances such as equipment breakdown or unexpected weather events, the NOI must be resubmitted.

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The NOI for a California Restricted Material shall include the following information:

1. Permit number;
2. Name and address of permittee and applicator;
3. Location of areas to be treated and name of property operator;
4. Crop or commodity, or if there is no crop or commodity the site to be treated (e.g. uncultivated ag, fence lines);
5. Approximate acres or other units;
6. Method of application (e.g. ground or air);
7. Pesticide(s);
8. Dilution, volume per acre or other units, and dosage;
9. Pest(s) to be controlled;
10. Date intended application is to commence; and
11. Location and identity of sensitive areas such as hospitals, schools, and residential areas (including labor camps), which may have changed since the permit was issued and which may be adversely impacted. A map or aerial photograph may be used for designating such locations.

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CONDITIONS COVERING THE NOTICE OF INTENT

All Notices of Intent (NOI) for Non-Agricultural and Non-Production Agriculture restricted material applications shall be time and date specific until an inspection is conducted by the Agricultural Commissioner's office. After performing an inspection, the Commissioner may relax this condition to allow for monthly Notice of Intent for Non-Ag restricted material applications.

The pesticide regulatory program is certified as "EIR functionally equivalent." This means that the State and County Agricultural Commissioners (CACs) do not have to prepare an Environmental Impact Report (EIR), or negative declaration, on each activity, product, or permit approved. The EIR functional equivalency can be withdrawn if the Department of Pesticide Regulation and the CACs fail to carry out the program as prescribed.

Restricted Materials Permit and Notice of Intent evaluation by the Commissioner is required the by Food and Agricultural Code Chapter 3 Restricted Materials commencing with section 14001. NOIs must be submitted by 12:00 PM at least 1 business day prior to the weekend, holiday, or day following the weekend or holiday in order to ensure sufficient time for evaluation of proposed applications. For the 2024 season, Solano County holidays are as follows:

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Wednesday, December 25, 2024
Tuesday, December 31, 2024

County holidays are also listed at http://www.solanocounty.com/cals/county_holidays.asp

The Commissioner shall be notified at least 24 hours prior to the use of a Restricted Material. The NOI may be submitted to the Commissioner by the operator of the property to be treated, the operator's authorized representative, or the licensed pest control operator who is to apply the pesticide. The Commissioner may allow less than 24 hours' notice if they determine that, because of the nature of the commodity or pest problem, effective pest control cannot be attained or when 24 hours are not necessary to adequately evaluate the intended application (a waiver must be obtained in these instances).

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If the start of the application is delayed beyond 4 days from the proposed NOI date due to unforeseen circumstances such as equipment breakdown or unexpected weather events, the NOI must be resubmitted.

The NOI for a California Restricted Material shall include the following information:

1. Permit number;
2. Name and address of permittee and applicator;
3. Location of areas to be treated and name of property operator;
4. Crop or commodity, or if there is no crop or commodity the site to be treated (e.g. uncultivated ag, fence lines);
5. Approximate acres or other units;
6. Method of application (e.g. ground or air);
7. Pesticide(s);
8. Dilution, volume per acre or other units, and dosage;
9. Pest(s) to be controlled;
10. Date intended application is to commence; and
11. Location and identity of sensitive areas such as hospitals, schools, and residential areas (including labor camps), which may have changed since the permit was issued and which may be adversely impacted. A map or aerial photograph may be used for designating such locations.

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CONDITIONS COVERING THE USE OF PARAQUAT

Two certifications are required to use paraquat products:

1. A handler applying paraquat must have one of the following:
 - Private Applicator's Certificate
 - Qualified Applicator Certificate Category D
 - Qualified Applicator License Category D
 - Journeymen Pilot Certificate
2. Paraquat-specific training certificate in handler's name obtained online at www.usparaquattraining.com

Non-certified handlers are not allowed to use paraquat products even under the supervision of certified applicators.

All Paraquat Applications

The prevailing wind direction during the application must be away from sensitive sites within 2 miles. No applications shall be made during inversion conditions or when wind speed is less than 2 mph, or greater than 7 mph.

Aerial Applications

The best drift management strategy is to apply the largest droplets that provide sufficient coverage and control. Applying larger droplets reduces drift potential but will not prevent drift if applications are made improperly, or under unfavorable environmental conditions.

During the application, the prevailing wind direction shall be 90° to 180° away from any sensitive areas within 2 miles. If air movement is towards a sensitive site at the time of the application a buffer of at least 2 miles shall be maintained; if air movement is away from a sensitive site, the following buffers shall be maintained:

From incorporated cities or populated areas:

One mile for application by fixed wing aircraft
1/2 mile for application by helicopter

From sensitive crops, truck farms, and certified organic crops:

1/2 mile for applications by helicopter or fixed wing aircraft

No less than 10 gallons of water per acre may be used as diluent.

Spray material shall not be discharged at a height of more than 10 feet above the crop or target.

Boom length shall not exceed 3/4 of the length of the wing on fixed wing aircraft or 6/7 of the length of the rotor on helicopters. Boom pressure shall not exceed 40 psi.

The flow of liquid to nozzles shall be controlled by a positive shut-off system.

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CONDITIONS COVERING THE USE OF PHENOXY HERBICIDES

All applications of herbicides must conform to Title 3 of the California Code of Regulations sections 6460 (Drift Control) and 6464(a) (Phenoxy and Certain Other Herbicides).

No herbicide in an ester formulation shall be applied, unless specifically authorized by permit issued by the Agricultural Commissioner.

No applications shall be made when the temperature at 4 feet above the ground exceeds 90 degrees Fahrenheit or as required by the product use label whichever is the most restrictive.

Buffer Distance Requirements

Applications adjacent to sensitive sites shall only be made when wind is distinctly away from sensitive sites, and the following buffer distances maintained:

300 feet Caution/Warning, 500 feet Danger - Aircraft

100 feet - Ground (50 feet when drop nozzles are used)

Applications near commercial grape vineyards shall only be made when wind is distinctly away from the crop and the following buffer distances maintained:

Non-Dormant Grapes: 1/2 mile - Aircraft or Ground Rig

Fully Dormant Grapes: 300 feet Caution/Warning, 500 feet Danger - Aircraft
100 feet - Ground Rig

Permittees wishing to spray within the stated buffers shall obtain written permission from the grower of the susceptible crop. The written authorization shall be submitted to the Agricultural Commissioner's office and the applicator prior to the application. Written permission does not relieve the permittee and/or applicator from compliance with the label and all applicable laws and regulations or from any liability due to crop loss or damage.

Ground Rigs

Nozzle orifices shall not be smaller than 1/16" in diameter.

Boom pressure shall not exceed 30 psi.

For low volume applications, fan nozzles with a spray angle of 80 degrees or less, and with flow rates not less than 0.2 gallons per minute at 15 psi may be used.

Applications of a pesticide spray solution by vehicle mounted or towed ground equipment shall discharge only after entering the target site; discharge shall be shut off before exiting the target site.

Aircraft (Fixed-Wing and Helicopters)

Discharged at a height not greater than 10 feet above the crop or target.

Nozzle orifices shall not be smaller than 1/16" in diameter. (Equivalent to D4 or larger).

The flow of liquid to nozzles shall be controlled by a positive shutoff system.

Nozzle orifices shall be directed backward and parallel to the direction of flight.

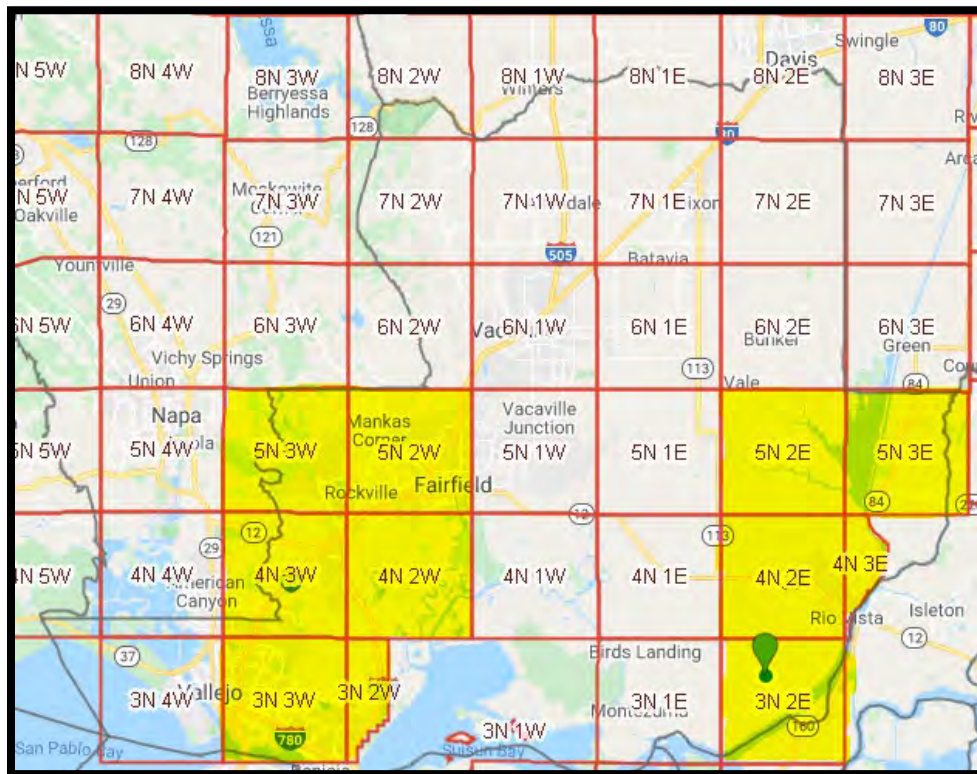
Boom pressure shall not exceed 40 psi.

Nozzles shall not be equipped with any device or mechanism which would cause a sheet, cone, fan or similar type dispersion pattern.

Spray boom lengths shall not exceed 3/4 of the length of the wing on fixed-wing aircraft, or 6/7 of the length of the rotor on helicopters.

Fixed-wing aircraft and helicopter applications are prohibited April 1-October 15 in the following areas of Solano County, Township and Ranges:

East County	3N, 2E	3N, 3E	4N, 2E	4N, 3E	5N, 2E	5N, 3E
West County	3N, 2W	3N, 3W	4N, 2W	4N, 3W	5N, 2W	5N, 3W



Highlighted areas denote where phenoxy aerial applications are prohibited between April 1-October 15.

ED KING
Agricultural Commissioner
Sealer of Weights and Measures

PRISCILLA YEANEY
Assistant Agricultural Commissioner
Sealer of Weights and Measures

**AGRICULTURAL COMMISSIONER
SEALER OF WEIGHTS AND MEASURES**



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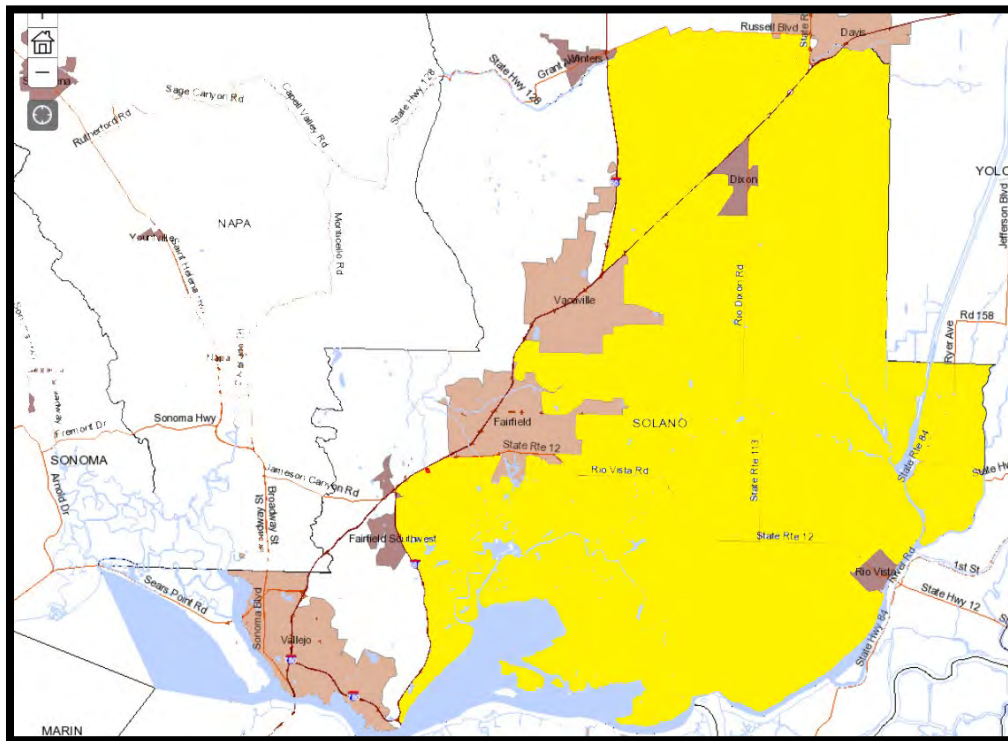
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A permit amendment may be requested for an application between April 1- October 15 by air in the identified areas. All applications for an amended permit must include: the reason the application is needed outside of the allowable dates; mitigations proposed by the applicator to prevent drift to susceptible crops; and include a provision for monitoring by the Agricultural Commissioners' staff.

Discharge shall start after entering the target site; discharge shall be shut off before exiting the target site.

No aerial applications shall be made when the wind velocity is less than 2 MPH or greater than 7 MPH at the application site or as required by the registered label, whichever is the most restrictive. Wind measurements shall be made at 4 feet above the crop being treated.

Between March 16 and October 15, aerial applicators must employ a smoke column or other device satisfactory to the Commissioner at the time and place of application to indicate temperature inversions and the direction and velocity of the air flow. This requirement applies in that part of Solano County lying east of the line starting at the Benicia-Martinez Bridge and proceeding north along I-680 to I-80, then northeast along I-80 to I-505, and then north along I-505 up to the Solano-Yolo County line.



Highlighted areas denote where aerial phenoxy applications require smoke column between March 16-October 15.

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CONDITIONS COVERING THE USE OF PESTICIDES NEAR SENSITIVE SITES

The Commissioner defines sensitive sites as areas frequented by people and environmentally sensitive areas that could suffer harm or injury. Sensitive sites include:

- Rural and/or residential homes
- Farmworker housing
- Schoolsites
- Hospitals, nursing homes
- Organic operations
- Sensitive crops
- Lakes, ponds, waterways, estuaries, reservoirs
- Livestock, beehives
- State Wildlife Management Areas
- Critical habitats of endangered or threatened species

If hazards to endangered species are indicated on a label, check with the California Department of Pesticide Regulation's PRESCRIBE, an online endangered species database for further information. PRESCRIBE can be accessed at the following link:

<http://calpip.cdpr.ca.gov/infodocs.cfm?page=aboutprescribe>

WARNING or DANGER materials may not be applied unless the buffer distance between closest operating nozzle and non-target areas are maintained as listed below. Buffer distances shall be measured from the edge of the area that could be reasonably used by the resident (for example the yard edge).

In order to apply any pesticides closer than the buffer distance, the permittee shall obtain written permission by the occupant of the dwelling. This written permission must also be provided to the Pest Control Business performing the application prior to the start of the application. A copy of the written permission shall be made available upon request by the Commissioner.

Buffer distances shall be maintained to prevent exposure to occupants in proximity to rural residential properties; i.e. a single home on or adjacent to agricultural farming operations. This includes residences rented or leased for occupancy by the property operator(s).

Air movement shall be away from sensitive sites at all times during an application regardless of the required buffer distance.

Sensitive Site Buffer Distance Table

<u>TYPE OF PESTICIDE APPLICATION EQUIPMENT</u>	<u>BUFFER DISTANCE BETWEEN CLOSEST OPERATING NOZZLE AND THE NON-TARGET AREA</u>
Aircraft	300 feet Caution/Warning, 500 feet Danger
Air blast orchard sprayer	100 feet
High boom ground rig in open field use	100 feet
Ground rig applying liquid or dust formulations of pesticide no more than 12 inches above the soil	100 feet
Ground rig applying liquid or gas below soil (see also fumigation requirements if applicable)	100 feet (or in compliance w/ fumigation regulations, whichever is more restrictive)
Ground rig applying dry pesticide pellets no more than 12 inches above the soil or below the soil	5 feet

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BEST PRACTICES COVERING USE OF PESTICIDES NEAR SENSITIVE SITES (OID)

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Sensitive Site Minimum Distance Table

<u>TYPE OF PESTICIDE APPLICATION EQUIPMENT</u>	<u>MINIMUM DISTANCE BETWEEN CLOSEST OPERATING NOZZLE AND THE NON-TARGET AREA</u>
Aircraft	300 feet Caution/Warning, 500 feet Danger
Air blast orchard sprayer	100 feet
High boom ground rig in open field use	100 feet
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REQUIREMENTS FOR USE OF PESTICIDES TOXIC TO BEES

Application of a pesticide labeled toxic to bees to a blossoming plant requires the following:

1. The person performing pest control must, prior to the application, conduct a bee check on beewhere.calagpermits.org, or inquire with the Agricultural Commissioner's Office whether any beekeeper with beehives within one-mile of the application site has requested notification of such application.
2. If the person performing pest control is made aware of a beekeeper request for notification they must notify the beekeeper at least 48-hours in advance of the application and provide the beekeeper with following information:
 - a. Time and place of the application
 - b. Crop acreage to be treated
 - c. Method of application
 - d. Active ingredient(s) and dosage rate of the pesticide to be applied; and,
 - e. Contact information for the person performing the pest control.
3. The 48-hour advanced notification requirement may be increased or decreased by the Agricultural Commissioner, or by an agreement of both the beekeeper and the person performing pest control.
4. Blossoming plants include crops, cover crops, and uncultivated plants (yellow star thistle, mustard, etc.) that are blooming within or in close proximity to the area to be treated.
5. 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 a qualified referenceable web-based electronic resource.
6. Failure of a beekeeper to remove hives from a location within one-mile of an application site following 48-hour notification shall not prevent a pesticide application to blossoming plants if consistent with pesticide labeling requirements and regulations.