

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**



OFFICE LOCATION:
2543 Cordelia Road
Fairfield, CA 94534

MAILING ADDRESS:
675 Texas Street
Fairfield, CA 94533

Phone (707) 784-1310
Fax (707) 784-1330
www.solanocounty.com

CONDITIONS COVERING THE USE OF PHENOXY HERBICIDES

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

No herbicide in an ester formulation shall be applied, unless specifically stated on a permit issued by the 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.

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 .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.

Equipment Requirements

Aircraft (Fixed-Wing and Helicopters):

Discharged at a height 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:

T2N, R2E	T5N, 2W	T2N, R3E	T5N, 3W	T3N, R2E	T4N, 3W	T3N, R3E
T4N, 2W	T4N, R2E	T4N, R3E	T3N, 2W	T5N, R2E	T5N, R3E	T3N, 3W

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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.

Buffer Distance Requirements

Applications adjacent to beans, peppers, sugar beets, tomatoes, and other susceptible plantings shall only be made when wind is distinctly away from the crops, and the following buffer distances shall be maintained:

200 feet -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 shall be maintained:

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

Fully Dormant Grapes: 300 feet -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. Forms may be obtained from the Agricultural Commissioner's office.