



Department of Pesticide Regulation



Brian R. Leahy
Director

Edmund G. Brown Jr.
Governor

June 17, 2012

TO: Interested Parties

SUBJECT: ANNUAL VOLATILE ORGANIC COMPOUND EMISSIONS INVENTORY
REPORT: EMISSIONS FOR 1990-2010

The Department of Pesticide Regulation (DPR) originally published this report in March 2012. Since the report's release, DPR found an error in the pesticide use report data and volatile organic compound (VOC) emissions for a single product containing bifenthrin. This revised report corrects that error.

As required under Title 3, California Code of Regulations (3 CCR), section 6452.4, DPR has completed the annual VOC emissions inventory report that includes the following information:

- total agricultural and structural pesticide VOC emissions for the previous years
- evaluation of compliance with benchmarks specified in 3 CCR section 6452.2
- fumigant emission limits for the upcoming year if necessary, according to 3 CCR section 6452.2
- an emission rating (or application method adjustment factor, the percentage of fumigant applied emitted to air) for each fumigation method

This report contains information based on 1990–2010 pesticide use data for five ozone nonattainment areas (NAAs) in California. The pesticide VOC emissions are compared to the goals described in the ozone state implementation plan (SIP). These “SIP goals” are a 20 percent reduction from 1990 for the Sacramento Metro, Southeast Desert, and South Coast NAAs; a 12 percent reduction from 1990 for the San Joaquin Valley NAA; and a phase-in of the reductions for the Ventura NAA, with a final reduction for Ventura of 20 percent from 1990 by 2012. These goals are the same as the VOC regulation benchmarks specified in 3 CCR section 6452.2.

The 2009 pesticide VOC emissions for all five NAAs complied with the SIP goals and VOC regulation benchmarks, ranging from 24 to 84 percent less than emissions in the 1990 base year. Relative to 2009, pesticide VOC emissions in 2010 increased by 7 to 60 percent, depending on the NAA.

Consistent with the regulations, DPR has established a fumigant limit for the Ventura NAA. Based on the emission data for 2010, the fumigant limit for May 1–October 31, 2012 is 942,000 pounds (2.56 average tons/day) of emissions. As specified by 3 CCR section 6452.3, the Ventura county agricultural commissioner has several options to enforce the fumigant limit.



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If you have any questions, please feel free to contact Mr. Randy Segawa, Environmental Program Manager, at 916-324-4137.

Sincerely,

Original signed by

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916-445-3984

cc: Mr. Randy Segawa, DPR