



April 15, 2011

TO: Interested Parties

SUBJECT: ANNUAL VOLATILE ORGANIC COMPOUND EMISSIONS INVENTORY
REPORT: EMISSIONS FOR 1990-2009

As required under Title 3, California Code of Regulations (3 CCR), section 6452.4, the Department of Pesticide Regulation has completed the annual volatile organic compound (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 1990–2009 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 33 to 89 percent less than emissions in the 1990 base year. Relative to 2008, pesticide VOC emissions in 2009 ranged from a 4 percent increase to a 47 percent decrease, depending on the NAA.

Consistent with the regulations, the Department of Pesticide Regulation has established a fumigant limit for the Ventura NAA. Based on the emission data for 2009, the fumigant limit for May 1–October 31, 2011 is 1,047,000 pounds (2.86 average tons/day) of emissions. Regulations revising the fumigant limit requirements were effective on April 7. As specified by the revised 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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