



Mary-Ann Warmerdam  
Director

Arnold Schwarzenegger  
Governor

April 12, 2010

TO: Interested Parties

SUBJECT: ANNUAL VOLATILE ORGANIC COMPOUND EMISSIONS INVENTORY  
REPORT: EMISSIONS FOR 1990-2008

As required under Title 3, California Code of Regulations (3 CCR) section 6452.4, the Department of Pesticide Regulation (DPR) 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 1990–2008 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 2008 pesticide VOC emissions for all five NAAs complied with the SIP goals and VOC regulation benchmarks. Pesticide VOC emissions in 2008 were 6 to 62 percent less than 2007, and 29 to 88 percent less than 1990 levels, depending on the NAA. Much of the decrease in emissions was due to DPR’s fumigant VOC regulations that went into effect in 2008. These regulations require “low-emission” fumigation methods, and in some cases replacement of higher VOC-containing products with lower VOC-containing products.

Consistent with the regulations, DPR has established a fumigant limit for the Ventura NAA. Based on the emission data for 2008, the fumigant limit for May 1–October 31, 2010 is 1,143,000 pounds (3.107 average tons/day) of emissions. As specified by 3 CCR section 6452.3, DPR and the Ventura county agricultural commissioner will issue fumigation allowances to growers to ensure the fumigant limit is not exceeded.



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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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