

February 26, 1980

FINAL MONITORING PLAN FOR KERN, KINGS  
AND SAN LUIS OBISPO COUNTIES: 2,4-D DRIFT

A COOPERATIVE PROJECT INVOLVING THE CALIFORNIA DEPARTMENT OF FOOD AND AGRICULTURE AND THE AGRICULTURAL COMMISSIONERS OFFICES FROM KERN, KINGS AND SAN LUIS OBISPO COUNTIES

I. Objective

To determine the presence (quantitative) or absence of 2,4-D drift within the three county study area during the period beginning 28 February 1980 to 8 April 1980.

II. Monitoring Plan

The cooperative 2,4-D monitoring project will be under the overall supervision of Ronald J. Oshima, Environmental Hazards Assessment Program (EHAP), and will involve cooperation by both the Agricultural Commissioners' staffs in the three county area and Pesticide Use Enforcement personnel (PUE-CDFA). Key personnel participating from EHAP-CDFA are listed below, along with their responsibilities:

Lee Neher - Responsible for study design, all technical aspects used in sampling, supervision over the collection, storage and transport of samples, and dissemination of progress and final reports. Phone (714) 787-4684 or ATSS 651-4684.

Scott Simpson - Responsible for maintaining liaison between EHAP, PUE and County Agricultural Commissioners' staffs. He will also be responsible for all technical aspects of the monitoring program including: monitoring site inspection, performing the actual sampling, collection and delivery of samples to Sacramento labs. Phone (714) 787-4684 or ATSS 651-4684.

It is understood that the County Agricultural Commissioners' staffs will assist in locating sampling sites, establishing communication with and cooperation of growers involved, and provide access to pesticide use reports covering the study time period.

Sampling Methods - Sampling will be limited to chemical analysis for amounts of 2,4-D present on both filter and resin collection medium from each of eighteen sampling sites. This will be accomplished by drawing a known amount of air, first through a 47mm filter and then through a resin bed over a 48 hour period. The attached study map outlines the geographical boundaries for the eighteen cells in the study design.

Implementation Timetable - The proposed timetable for this project is given below:

1) 7 January - 22 February 1980 - EHAP personnel will meet with Pesticide Use Enforcement and County Agricultural Commissioners' staffs from each county involved to select appropriate locations for operation and storage of monitoring instruments. Location and time for these meetings to be organized by Scott Simpson.

2) 28 February - 8 April 1980 - Actual air monitoring will take place with all eighteen instruments operating concurrently for a 48 hour period on the following projected dates:

28 February 1980  
1, 6, 13, 16, 19, 22, 25, 28, 31 March 1980  
3, 6 April 1980

Upon completion of the monitoring period (8 April 1980), instruments, equipment, and documentation of 2,4-D applications will be collected by EHAP personnel.

A draft final report will be submitted to the respective Agricultural Commissioners for review before a final draft is printed. This will occur at the earliest possible date after the chemical analyses are completed.

Attachment



Numbered Points of Interest are listed alphabetically on reverse side.

**LEGEND**

Santa Monica Bay Santa Monica  
**LOS ANGELES**  
 Pasadena, Lancaster, Palmdale, Thousand Oaks, Moorpark, Camarillo, Oxnard, Ventura, Santa Barbara, Santa Cruz, Santa Monica, Los Angeles, Lancaster, Palmdale, Thousand Oaks, Moorpark, Camarillo, Oxnard, Ventura, Santa Barbara, Santa Cruz, Santa Monica