

***Agricultural Drift* Cases Reported in California¹ Associated With² Pesticide
Exposure Summarized by Application Sites³
2004**

Application Site³	Number of Cases⁴	Number of Incidents⁵
CITRUS		
Oranges	5	1
FIXTURES		
Agricultural & Farm Equipment (Other or Unspecified)	1	1
FRUITING VEGETABLE		
Tomatoes	2	2
GRAPES		
Grapes	22	9
LEAFY/STEM VEGETABLE		
Broccoli	6	1
Lettuce	3	3
Spinach	46	3
NON-CROP		
Soil	2	2
Uncultivated Agricultural Areas (Other or Unspecified)	1	1
NUT TREES		
Almonds	12	4
ORNAMENTAL		
Ornamental Plants (Other or Unspecified)	1	1
OTHER VEGETABLE		
Asparagus (Spears, Ferns, Etc.)	2	1
Onions (Dry)	1	1
PREMISES		
Dairy Farm Milk Handling Facilities & Equipment	1	1
Food Processing/Handling Plant/Area (Other or Unspecified)	1	1
ROOT CROP VEGETABLE		
Carrots	2	1
Potatoes	122	1

Application Site ³	Number of Cases ⁴	Number of Incidents ⁵
SEEDS		
Seeds (Agricultural & Ornamental)	1	1
STONE FRUIT		
Nectarines	1	1
Peaches	1	1
TOTAL	233	37

¹ **Source:** California Department of Pesticide Regulation, Pesticide Illness and Surveillance Program.

² **Associated With:** Includes cases determined to be definitely, probably or possibly related to pesticide exposure

Definite : High degree of correlation between pattern of exposure and resulting symptomatology. Requires both medical evidence (such as measured cholinesterase inhibition, positive allergy tests, characteristic signs observed by medical professional) and physical evidence of exposure (environmental and/or biological samples, exposure history) to support the conclusions.

Probable : Relatively high degree of correlation exists between the pattern of exposure and the resulting symptomatology. Either medical or physical evidence is inconclusive or unavailable.

Possible : Some degree of correlation evident. Medical and physical evidence are inconclusive or unavailable.

³ **Application Sites:** The intended site of the pesticide application. For crops, this includes applications at the growing site or to the commodity while being packed for sale.

⁴ **Cases:** Indicates the number of individuals exposed in one incident of agricultural drift.

⁵ **Incidents:** Indicates the number of episodes where agricultural pesticide drift occurred based on the application site. An incident may involve more than one person (or case).

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About the Pesticide Illness Surveillance Program Data

Pesticide-related illnesses have been tracked within the state of California for more than 50 years. The California Environmental Protection Agency, Department of Pesticide Regulation (DPR) maintains a surveillance program which records human health effects of pesticide exposure. The Pesticide Illness Surveillance Program (PISP) documents information on adverse effects from pesticide products, whether elicited by the active ingredients, inert ingredients, impurities, or breakdown products. This program maintains a database, which is utilized for evaluating the circumstances of pesticide exposures resulting in illness. This database is consulted regularly by staff who evaluate(s) the effectiveness of the DPR pesticide safety programs and recommend changes when appropriate.