

***Agricultural Drift* Cases Reported in California<sup>1</sup> Associated With<sup>2</sup> Pesticide  
Exposure Summarized by Application Sites  
2000**

<b>Application Site<sup>3</sup></b>	<b>Number of Cases<sup>4</sup></b>	<b>Number of Incidents<sup>5</sup></b>
<b>BERRIES</b>		
Strawberries	11	3
<b>CITRUS</b>		
Lemons	4	2
<b>CUCURBITS</b>		
Cucurbits (Other or Unspecified)	1	1
<b>FIBER CROP</b>		
Cotton	3	2
<b>FORAGE CROP</b>		
Alfalfa	1	1
Forage - Fodder Grasses (Other or Unspecified Hay)	2	2
<b>GRAIN</b>		
Corn	1	1
<b>GRAPES</b>		
Grapes	3	3
<b>NON-CROP</b>		
Soil	16	3
Uncultivated Agricultural Areas (Other or Unspecified)	4	3
<b>NUT TREES</b>		
Almonds	30	5
Walnuts	1	1
<b>ORNAMENTAL</b>		
Ornamental Plants (Other or Unspecified)	6	3
Roses	1	1
<b>PREMISES</b>		
Animal Husbandry Premises	58	1
Greenhouses (Environs, Benches, Etc.)	1	1

Application Site <sup>3</sup>	Number of Cases <sup>4</sup>	Number of Incidents <sup>5</sup>
<b>STONE FRUIT</b>		
Nectarines	1	1
Prunes	4	1
<b>TREES</b>		
Ornamental and/or Shade Trees	1	1
<b>VEGETABLE, FRUITING</b>		
Tomatoes	5	1
<b>VEGETABLE, LEAFY/STEM</b>		
Artichokes (Globe)	2	1
Broccoli	22	1
Lettuce	1	1
<b>VEGETABLE, ROOT CROP</b>		
Potatoes	1	1
<b>TOTAL</b>	<b>180</b>	<b>41</b>

<sup>1</sup> **Source:** California Department of Pesticide Regulation, Pesticide Illness and Surveillance Program.

<sup>2</sup> **Associated With:** Includes cases classified as 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.

<sup>3</sup> **Application Sites:** Site of the pesticide application. For crops, this includes applications at the growing site and to the commodity while being packed for sale. For incidents involving drift, the intended application site is listed.

<sup>4</sup> **Cases:** Indicates the number of individuals affected by agricultural drift.

<sup>5</sup> **Incidents:** Indicates the number of episodes where agricultural pesticide drift occurred based on the application site.

**Whom to Contact:**

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### **About the Pesticide Illness Surveillance Program Data**

Pesticide-related illnesses have been tracked within the state of California for nearly 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.