

***Agricultural Drift* Cases Reported in California<sup>1</sup> Associated With<sup>2</sup> Pesticide  
Exposure Summarized by Application Sites  
2003**

<b>Application Site<sup>3</sup></b>	<b>Number of Cases<sup>4</sup></b>	<b>Number of Incidents<sup>5</sup></b>
<b>CITRUS</b>		
Citrus (Other or Unspecified)	1	1
<b>CUCURBITS</b>		
Watermelons	1	1
<b>FIBER CROP</b>		
Cotton	4	2
<b>FIXTURES</b>		
Milking Equipment (Milking Machine, Etc.)	1	1
<b>FORAGE CROP</b>		
Alfalfa	2	1
<b>FRUITING VEGETABLE</b>		
Tomatoes	2	2
<b>GRAIN</b>		
Wheat	1	1
<b>GRAPES</b>		
Grapes	7	3
<b>LEAFY/STEM VEGETABLE</b>		
Celery	3	2
Lettuce	2	1
<b>NON-CROP</b>		
Soil	212	5
Uncultivated Agricultural Areas (Other or Unspecified)	2	2
<b>NUT TREES</b>		
Almonds	2	1
Walnuts	2	1
<b>ORNAMENTAL</b>		
Ornamental Plants (Other or Unspecified)	7	2
<b>POME FRUIT</b>		
Apples	2	2
<b>ROOT CROP VEGETABLE</b>		
Potatoes	4	4
<b>STONE FRUIT</b>		
Cherries	1	1
<b>TOTAL</b>	<b>256</b>	<b>33</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> **Number of Cases:** Indicates the number of individuals with illness or injury following of agricultural drift.

<sup>5</sup> **Incidents:** Indicates the number of episodes where agricultural pesticide drift occurred based on the application site. Each incident may include more than one case.

#### **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 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.