Agricultural Drift Cases Reported in California[1] Associated With[2] Pesticide Exposure Summarized by Application Sites
2010

Application Site[3]	Number of Cases[4]	Number of Incidents[5]
BERRIES		
Strawberries	27	3
CITRUS		
Citrus (Other or Unspecified)	1	1
FRUITING VEGETABLE		
Tomatoes	2	1
GRAPES		
Grapes	12	2
LEAFY/STEM VEGETABLE		
Lettuce	50	3
Spinach	11	1
NON-CROP		
Soil	54	6
Animal Burrows (Vertebrate and Insect Pests)	1	1
NUT TREES		
Almonds	1	1
Pistachios	2	1
ORNAMENTAL		
Ornamental Plants (Other or Unspecified)	2	2
OTHER FRUIT		
Fruit (Other or Unspecified)	1	1
PREMISES		
Dairy Barns	1	1
SEED/POD VEGETABLE		
Peas	1	1
WATER		
Industrial Processing Water	3	1
TOTAL	169	26

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

2 **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 : Health effects correspond generally to the reported exposure, but evidence is not available to support a relationship.

3 **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.

4 **Cases by Incidents:** 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.

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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.