



California Environmental Protection Agency
Department of Pesticide Regulation

Air Monitoring Project in Mendota

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UCD Study

- MICASA
 - Multi-year health study of 400 farmworker families in Mendota
 - Conducted by UC Davis, Western Center for Agricultural Health and Safety
 - Includes home pesticide study in 2009
 - For more information
<http://agcenter.ucdavis.edu/research/current.php>

MICASA home pesticide study

- 2009 study of approx 100 families in Mendota
- Sample for permethrin in
 - Food
 - Dust
 - Urine

DPR air monitoring study

- DPR will conduct air monitoring in Mendota, simultaneously with MICASA home pesticide study
- Collect 24-hour air samples inside and outside of the same 100 homes for multiple pesticides
- Collect normal ambient air samples in Mendota for multiple pesticides

DPR air monitoring study

- DPR Mendota study objectives
 - 1) Compare outdoor and indoor pesticide air concentrations
 - 2) Compare residential air monitoring with normal ambient air monitoring methodology
 - 3) Document air concentrations associated with residential pesticide use vs. agricultural use