

## ***Individual Proposal Report***

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**Title** Evaluation of alternative pesticide use reduction practices for diazinon and chlorpyrifos

**Number** B211

**Geographic Area** Landscape/Other

**Primary Stressor Addressed** Water Quality

**Project Type** Monitoring

**Applicant Type** University

**Recommended Funding** \$957,781

**Cost Share** None

**Description** Request for Phase II funding to synthesize data on alternatives to heavy use of diazinon and chlorpyrifos, conduct monitoring studies of alternatives, and perform education and outreach activities with the agricultural community. Potential benefits to multiple fish species. Funding covers full cost of Phase II.

### **ERPP Linkage**

**Zone:** San Joaquin River, Sacramento River, Suisun Marsh/North Bay, and Sacramento-San Joaquin Delta

### **Ecosystem Elements and Targets (T):**

#### **Contaminants**

- T-1 Reduce losses of fish/wildlife from use of pesticides, hydrocarbons, heavy metals, and other pollutants in basin (Volume II, Page 359)
- T-1 Reduce input of herbicides, pesticides, fumigants, and other agents toxic to fish and wildlife in zone (Volume II, Page 100)
- T-1 Reduce losses of fish/wildlife resulting from pesticide, hydrocarbon, heavy metal, other pollutants in the Sacramento River (Volume II, Page 138)
- T-1 Reduce loading, concentrations, and bioaccumulation of contaminants of concern to ecosystem health in water, sediments, and tissues of fish and wildlife in the zone by 25-50% as measured against current average levels (Volume II, Page 57)