We practice Integrated Mosquito Management and respond to mosquito-borne disease using our Arbovirus Response Plan. It was written to provide the SCCMVC with strategies to respond to any mosquito issue, from routine nuisance control to disease emergency response.

The Arbovirus Response Plan was written by the Technical Advisory Committee, which was made up of community and government agencies. It has three levels:

1. **Level I Normal Season**
   - Presentations at schools, community events, public forums.
   - Free consultations and informative pamphlets.

2. **Level II Emergency Planning**
   - Araicidal spraying for larval control.

3. **Level III Epidemic Response or Disease Emergency**
   - Convene the Technical Advisory Committee
     - Prepare for possible Adulticiding
     - This requires approval from the Board of Supervisors.
     - SCCMVC would make recommendations to the Board of Supervisors about how to respond to the Disease Emergency.

**Treatment Threshold**

- **Source reduction**: Reduce breeding habitat by dumping out containers, draining small areas.
- **Biological control**: Stock abandoned pools, ornamental ponds, and horse troughs with mosquitofish.
- **Chemical Control**: Apply biorational larvicides as last resort to control larvae.

**Unusually large adult population**

May indicate a need for **Adult Mosquito Control**

Extremely large adult populations or the presence of mosquito-borne disease would initiate **Level II Emergency Planning** or **Level III Epidemic Response**.

**If Disease is Present**

Adult mosquitoes, chickens, wild birds, or humans test positive for mosquito-borne disease at which time the County Health Officer, Board of Supervisors, or State of California may declare a **Disease Emergency**.

**Accelerate Routine Larval Control, Public Education and Surveillance**

Convene the Technical Advisory Committee

Public Notification

- Media announcements
- Approved adulticides would be applied as a fog of ultra low volume, high concentration droplets to areas with large numbers of adult mosquitoes. These pesticides can be applied at ground level, or by air.

Hold Public Hearings