

## Santa Cruz County Mosquito and Vector Control Mosquito Control Strategy



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.

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We respond to mosquito-borne disease using our Arbovirus Response The Arbovirus Response Plan was written by the Technical Advisory Plan. It was written to provide the SCCMVC with strategies to respond Committee, which was made up of community and government agencies. It has to any mosquito issue, from routine nuisance control to disease emergency three levels: Level I Normal Season response. Level II Emergency Planning **■** Level III Epidemic Response Level I Normal Season or Disease Emergency **Education** Surveillance **▶** Disease Presentations at schools, community events, public forums. State Labs test adult mosquitoes, Free consultations and informative pamphlets. sentinel chicken flocks, Larvae and dead wild birds / squirrels Dip-cup sampling We control larval mosquitoes when the population for West Nile Virus anywhere there's Adults reaches a **Treatment Threshold** standing water! Trap mosquitoes with carbon dioxide **Source reduction Biological control Chemical Control** and light baited traps. Unusually large Reduce breeding habitat by Stock abandoned pools, Apply biorational adult population If Disease is Present dumping out containers, larvicides as last resort ornamental ponds, Adult mosquitoes, chickens, draining small areas. to control larvae. and horse troughs wild birds, or humans with mosquitofish. May indicate a need for Adult Mosquito Contro test positive for mosquito-borne disease Extremely large adult populations or the presence of mosquito-borne At which time the County Health Officer, Board of Supervisors, or State of disease would initiate Level II Emergency Planning or California may declare a Disease Emergency. **Level III Epidemic Response** The SCCMVC would initiate a two pronged strategy: **Accelerate Routine Larval Control, Public Education Convene the Technical Advisory Committee Public Notification** and Surveillance Media announcements Prepare for possible **Adulticiding** This requires approval from the Board of Supervisors. SCCMVC would make recommendations to Adulticiding approved Adulticiding not approved the **Board of Supervisors** 

about how to respond to the Disease Emergency.

**Hold Public Hearings**