

MOSQUITO- BORNE DISEASE MANAGEMENT PLAN

SACRAMENTO-YOLO
MOSQUITO
& VECTOR
CONTROL
DISTRICT



SACRAMENTO-YOLO
MOSQUITO
& VECTOR
CONTROL
DISTRICT

FIGHT THE
BITE

OFFICE LOCATIONS AND HOURS OF OPERATION

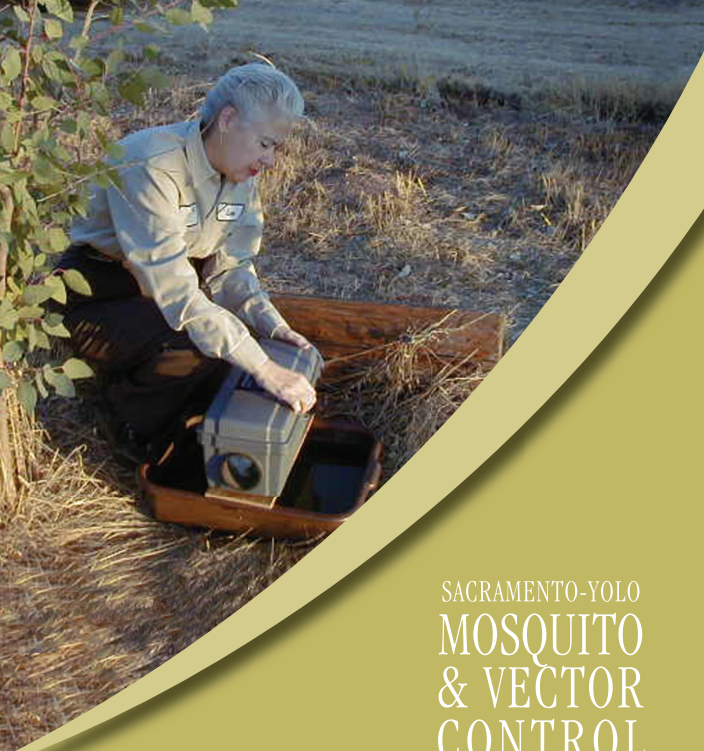
Sacramento County

8631 Bond Road
Elk Grove, CA 95624
Phone: 1-800-429-1022
Fax: 916-685-5464
Web site: FIGHTtheBITE.net
Hours: 7:00 am to 3:30 pm

Yolo County

1234 Fortna Avenue
Woodland, CA 95695
Phone: 1-800-429-1022
Fax: 530-668-3403
Web site: FIGHTtheBITE.net
Hours: 7:00 am to 3:30 pm

FIGHT THE
BITE



SACRAMENTO-YOLO MOSQUITO & VECTOR CONTROL DISTRICT

SYMVCD'S MOSQUITO-BORNE DISEASE MANAGEMENT PLAN

The Sacramento-Yolo Mosquito and Vector Control District (SYMVCD) provides year-round mosquito and vector control services to the residents of Sacramento and Yolo Counties. The two counties combined make up 2,013 square miles of urban, commercial and agricultural landscape. The District is divided into 26 zones, with state-certified technicians responsible for all aspects of mosquito and vector control, from surveillance to treatment.

SYMVCD's primary goal is to protect public health and welfare by managing mosquito populations so that they do not present a significant risk to our community. In the event that mosquito populations pose a threat or become a significant public nuisance, the District will respond by implementing the District's Mosquito and Mosquito-borne Disease Management Plan. This plan has been approved by the Sacramento-Yolo Mosquito and Vector Control District's Board of Trustees. The following outlines the District's management plan:

Level I—Normal season

The District performs routine mosquito, mosquito-borne disease and public health pesticide efficacy surveillance activities. SYMVCD also attends community events, provides community presentations and distributes outreach material to various organizations.

Level II—Positive dead bird and/or mosquito sample

A response is initiated when the District's Microbiology Laboratory detects a mosquito-borne virus [i.e., West Nile virus (WNV), Western Equine Encephalomyelitis virus (WEEV), St. Louis Encephalitis virus (SLEV)] or when the California Department of Health Services (DHS) notifies the District of a mosquito-borne virus from a dead bird(s) or mosquito sample(s)* within the District's boundaries.

Level III—Positive sentinel chicken/animal

A response is initiated when the District's Microbiology Laboratory detects sera conversion to a mosquito-borne virus (i.e., WNV, WEEV, SLEV) in a sentinel chicken(s) or when DHS notifies the District of an infected horse or other animal within the District's boundaries.

Level IV—Positive human case

A response is initiated when the County Public Health Laboratory or DHS officials notify the District that a human has locally acquired a mosquito-borne virus (i.e., WNV, WEEV, or SLEV) within the District's boundaries.

Level V—Multiple human cases, epidemic conditions

A response is initiated when the County Public Health Laboratory or DHS officials notify the District that multiple mosquito-borne virus (i.e., WNV, WEEV, or SLEV) infections have occurred in humans within a specific area or there is evidence that epidemic conditions exist. The epidemic area is defined as the geographic region in which human cases are clustered (incorporated city, community, neighborhood or zip code).

For a complete copy of the District's Mosquito-Borne Disease Management Plan, please contact the District at 1-800-429-1022 or visit us online at FIGHTtheBITE.net.

*Mosquito samples: Mosquitoes are trapped and collected from the field. The collected females are then pooled together by species. Each sample contains a minimum of one to a maximum of 50 mosquitoes per sample. Each sample is tested for the presence of St. Louis Encephalitis, Western Equine Encephalomyelitis and West Nile viruses by TaqMan real-time polymerase chain reaction (PCR).