



Butte County Mosquito and Vector Control District

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For Immediate Release

Date: August 7, 2012

Subject: **WEST NILE VIRUS ACTIVITY INCREASES IN BUTTE COUNTY**

Contact: Public Information Officer Doug Weseman or District Manager Matthew Ball
Contact at 530-533-6038 and/or 530-342-7350

Butte County Mosquito and Vector Control District (District) received confirmation today that three more groups of mosquitoes, known as "pools" have tested positive for West Nile virus (WNV). This brings the total number of mosquito pools up to six for 2012. The District has never found more than five positive pools in a single mosquito season prior to this year. Two of the new positive mosquito pools were found in the Marybill Ranch Road area and the Otterson Drive area of South Chico. The third positive pool was found in the Palermo area. Mosquito pools are live caught mosquitoes, sorted, grouped into allotments (not exceeding 50 specimens), identified to species, and tested for the presence of vector-borne disease. WNV was also detected last week in three mosquito pools. Two of the mosquito pools that tested positive were from the Richvale area and the other positive pool was collected from Hamilton City. WNV was detected two weeks ago for the first time in Butte County for 2012 in a sentinel chicken in a coop near the Sacramento River, just across the bridge from Hamilton City. With increasing mosquito populations and the detection and wide-spread distribution of WNV within Butte County and Hamilton City, the District urges residents to take all precautions necessary to drain any and all un-needed standing water, report any suspected mosquito-breeding sites to the District, and to protect themselves from the bites of mosquitoes.

Statewide WNV activity is much higher this year than in 2011 (see chart right). Matthew Ball, District Manager for the Butte County Mosquito and Vector Control District stated, "It's imperative that county residents be aware that WNV is active and to avoid mosquito bites by whatever means necessary. Residents are urged to do their part to prevent mosquitoes from breeding by inspecting and eliminating all standing water from their properties." WNV has been identified in Butte County every year since its arrival in 2004. Since 2004, 93 residents have been infected with the virus, 7 of which have lost their lives due to the disease.

As of August 3rd, 2012

	2011	2012
Counties	18	26
Human cases	7	11
Horses	0	4
Dead birds	88	567
Mosquito samples	271	921
Sentinel chickens	19	48
Squirrels	0	0
2011 YTD - Year to date corresponds to the same time last year.		

Source: <http://www.westnile.ca.gov/>

The District's Public Information Officer, Doug Weseman states that "With WNV being reported and identified by neighboring counties and the wide-spread distribution locally, it's crucial that residents protect themselves from mosquito bites. Residents should wear long sleeves and pants and use mosquito repellents when they go outdoors, especially at the times when mosquitoes are most active (mornings and evenings). WNV is preventable, you only need to prevent the mosquito bite!" The

virus is usually prevalent from May through October when mosquitoes are most abundant. Mosquitoes contract the virus when they feed on infected birds, then spread the virus when the mosquitoes seek other hosts to bite.

In addition to birds and humans, horses are also affected by WNV. Due to the high mortality rate of horses that contract the disease, owners are encouraged to make sure their horses are kept current with their WNV vaccinations.

Individuals can reduce their risk of mosquito-borne disease by following these prevention tips:

- Avoid spending time outside when mosquitoes are active, especially at dusk and dawn
- If you must be outdoors when mosquitoes are active, wear long pants, and long-sleeved shirts, socks and shoes
- Before going outdoors, apply insect repellent containing DEET, Picaridin, IR3535 or oil of lemon eucalyptus according to label instructions
- Make sure that doors and windows have tight fitting screens. Repair or replace screens that have tears or holes
- Eliminate all standing water on your property that can support mosquito-breeding
- Report standing water to Butte County Mosquito and Vector Control District
- Contact Butte County Mosquito and Vector Control District if there is a significant mosquito problem where you live, work, and/or play

The public is encouraged to become part of the state's monitoring effort for WNV by reporting any dead birds that may have been dead for less than 48 hours. Please call 1-877-968-2473 to report dead birds that may be accepted for testing, or visit the CDHS website, www.westnile.ca.gov. Individuals should take note of the location and condition of the bird before calling for further instructions. While there is no evidence that people can get the virus from handling live or dead birds, individuals should not attempt to catch or handle the birds.

The public is also encouraged to report any suspected mosquito-breeding sites and/or any mosquito activity. Reports can be made by phone at 530-533-6038 or 530-342-7350 or website at www.BCMVCD.com.

For more information call the Butte County Mosquito and Vector Control District at 530-533-6038 or 530-342-7350 or by visiting www.BCMVCD.com.