

City of Burleson Texas Mosquito Report

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To kick off the first edition of our Monthly Mosquito Reports, I thought it would be a good idea to include a brief history of West Nile Virus (WNV) and the Burleson Mosquito Control Program. West Nile Virus first arrived in Texas in 2001, 2 years after it's arrival in the United States. In 2012, a year most long term residents will remember, there were 5,674 human cases of WNV in the US and 33 percent of those were in Texas. This is the moment many North Texas cities began development of their mosquito control programs. Burleson's mosquito control program takes an integrated approach that includes education, mosquito population and disease presence surveillance, targeted larviciding efforts, and adulticiding when disease is confirmed in a trapped mosquito.



Mosquito's go through 4 different stages in their lifecycle, egg, larvae, pupae, and adult (Image 1) . The larval and pupal stages of mosquito development are aquatic. The larval stage is the most environmentally, economically, and practically effective stage in which to control mosquitoes. When you hear professionals preaching to you about dumping out stagnant water and larviciding, diminishing the population of larval stage mosquitoes is exactly what we are trying to do! If you notice an area of stagnant water for more than a day or two, reach out to us and we will investigate. If there is indeed an active or potential for mosquito breeding, we will larvicide the area or work toward another more permanent solution.

