



# Mosquito Control Information

The Charleston County Mosquito Control Program utilizes several methods to treat mosquitoes in our area in an effort to protect public health.

**Aerial Aquatic Stage (Larvae) Treatment:** Conducted throughout many areas of the county with standing water from rain or tidal events. This treatment is not conducted over homes, but over large areas of standing water as well as dredge disposal sites. This process is designed to impact mosquitoes before they hatch and uses an organic material Vectobac 12AS also known as BTI and a biorational product Altosid Concentrate, that does not have any residual effects.

**Aerial Adult Stage Treatment:** Conducted in areas of the county where mosquito numbers are the highest based on surveillance and citizen's requests. This process is done around dawn or near dusk to avoid impacting the bee population and citizens. We use a product known as Trumpet, which has Naled as the active ingredient.

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The U.S. Environmental Protection Agency has background information on Naled: <https://www.epa.gov/mosquitocontrol/naled-mosquito-control>

Charleston County Mosquito Control sends out weekly aerial aquatic stage mosquito inspection and treatment notices to inform the general public and concerned agencies that mosquito control aircraft may be flying over populated areas at a lower altitude.

**Ground Spray:** Charleston County has nine ground spray trucks, for the purpose of adult mosquito treatment, six inspectors and two ground crews for larvae treatment. The adult treatment is conducted from 11 p.m. to 7 a.m. to avoid impacts with bees and citizens. Additionally, our spray truck drivers have addresses to avoid local bee keepers, citizens with chemical sensitivities and allergies.

**Local Bee Keepers:** Charleston maintains a call book of bee keepers who have notified Charleston County. We provide notice 24 hours before an Aerial Adult Stage Treatment and day of treatment for spray trucks. For the presentation we do for a local bee keepers group, visit this site here: <http://bit.ly/2cGHgFI>

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If you have questions or concerns, please call Mosquito Control at 843-202-7880.

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**Chemical Sensitive and Allergies:** Charleston maintains a call book of these individuals who have notified Charleston County. We provide notice 24 hours before an Aerial Adult Stage Treatment and day of notification for treatment by spray trucks.

**Ground Spray:** <http://www.charlestoncounty.org/departments/public-works/files/groundspray.pdf?v=515>

For more information, you can visit the Mosquito Control website here: <http://www.charlestoncounty.org/departments/public-works/mosquito-about.php>

