



Superior Mosquito Management Services

Protecting Public Health Since 1992.

Mosquitoes are more than just nuisance pests. They pose a significant risk to public health by carrying and transmitting a number of debilitating and even deadly diseases such as West Nile virus, dengue and Zika virus. And with a threat this serious, it is vital to take a proactive approach to preventing and controlling vector-borne diseases in your community.

Vector Disease Control International (VDCI) is a company built on the foundations of public health, ethics, professionalism and technical expertise. We establish vector management programs that are based on an understanding of the underlying vector's ecology and rooted in the current science of environmentally sound control measures.

Integrated Mosquito Management (IMM)

VDCI is the industry expert in Integrated Mosquito Management (IMM) programs. These programs include public education, surveillance, disease testing and a variety of control measures, all of which are essential to managing mosquitoes and helping to prevent the transmission of serious diseases.



Public Education

Understanding how to properly eliminate mosquito breeding habitat and take personal protective measures is critical. Educating the public empowers people to take control of the mosquitoes breeding in their community.



Surveillance

In order to understand the risk and address the threat appropriately, it is critical to determine the mosquito distribution, density and species composition throughout the target area. Surveillance will provide direct evidence of an increased transmission risk of vector-borne diseases.



Larval Mosquito Control

Eliminating mosquitoes prior to them becoming adults is an important element of controlling mosquito-borne diseases because it stops mosquitoes before they acquire the virus and have the opportunity to transmit it to people.



Adult Mosquito Control

When necessary, adulticide applications are safely conducted with EPA-approved pesticides. These applications are based on surveillance and designed to target nuisance or disease-vectoring mosquitoes. We regularly test mosquitoes and take appropriate measures to prevent them from developing resistance.

Did You Know?

- Mosquitoes are considered to be the deadliest animal in the world, and they transmit diseases that kill over 700,000 people each year.
- West Nile virus is the most common virus transmitted by mosquitoes to humans in the U.S.
- In 2013, chikungunya was found for the first time in the Americas on an island in the Caribbean, and has now spread throughout the Americas including the U.S.
- The CDC linked Zika virus to microcephaly, a serious birth defect.
- Eastern equine encephalitis (EEE) and St. Louis encephalitis (SLE) are dangerous diseases that are transmitted by mosquitoes in the U.S. and cause swelling of the brain
- Every year, round 1,500 cases of malaria are diagnosed in the U.S.

Data Collection, GIS Mapping and Reporting



A keystone of the Integrated Mosquito Management approach is managing data. Every activity that is performed at VDCI is entered into our proprietary database for analysis and reporting. We use GPS equipment and technology in combination with our GIS department to put all our data into maps and reports. These reports are used both for our internal analysis and our presentation to customers and citizens within the boundaries that we serve.

Mosquito Control Services



Ground Services

Mosquito control begins with surveillance, which helps us understand population dynamics and species distribution. When mosquito larvae are detected in an area, we use environmentally sound biological products, when possible, to eliminate the problem. And when necessary, non-biological control methods are utilized.

Once it has been determined that mosquito populations have reached unacceptable levels, or the risk of mosquito-borne illness is imminent, adulticides are carefully applied in the safest and most environmentally friendly way possible. Our advanced spray technology ensures the proper droplet size and accurate pesticide placement.

Aerial Services

Aerial applications may be the only way to break the mosquito breeding cycle in emergency situations or when mosquito populations are abnormally high.

Our integrated system ensures that the maximum spray cloud droplet density is delivered to the target areas for the maximum level of mosquito control.

Drones can be used to target more sensitive areas and are capable of applying up to 200 acres of product per session.

Aircrafts and drones meet or exceed all FAA regulations pertaining to low level pesticide application.

Why is Integrated Mosquito Management the Right Approach?

Surveillance, source reduction, public education, habitat manipulation, larviciding and adulticiding are all important components of an Integrated Mosquito Management (IMM) program. Our IMM program is the right choice:

- Surveillance provides you with valuable data.
- Data helps you make better decisions, which lead to better results.
- Taking action only when nuisance or disease risk is high is better for the environment.
- Targeted action reduces the risk of developing pesticide resistance.



We're committed to protecting public health through excellence in vector control.

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