



**GOVERNMENT
PARTNERS IN
MOSQUITO
MANAGEMENT:**

Protecting Your
Community From
Mosquito-Borne
Diseases





Disease-carrying mosquitoes kill more than 1 million people worldwide each year.

You work hard to keep your community safe, healthy, and connected, but the reality is that disease-carrying mosquitoes kill more than 1 million people every year – and are only becoming more dangerous as a result of climate change, urban development, and growing insecticide resistance.

Mosquito-borne diseases have far-reaching consequences on healthcare, tourism, and the economy by fueling public fear and complaints, eroding community engagement, and reducing trust and confidence in community leaders.

Citizens rely on government officials to take preventative action against mosquitoes, and make the right decisions to preserve public health. Leaning on experienced scientists and experts allows leaders to support the happiness and well-being of their communities while successfully achieving their responsibilities as a public servant.

At VDCI, we believe everyone deserves peace of mind while enjoying the outdoors. We are committed to preserving quality of life in the areas we serve through strategic partnerships and integrated mosquito management (IMM) strategies.

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Dangerous mosquito-borne diseases can be found in every US state.

DISEASES IN NORTH AMERICA

No matter where you spend time outdoors, you can be exposed to disease-carrying mosquitoes. Transmission may result in a wide range of symptoms, including vomiting, nausea, fever, muscle aches, impaired consciousness, birth defects, and death.

- WEST NILE VIRUS
- YELLOW FEVER
- EASTERN EQUINE ENCEPHALITIS
- CHIKUNGUNYA
- ZIKA

Mosquitoes aren't just harmful to humans. They can transmit diseases to dogs, cats, birds, reptiles, horses, and livestock. Each year, more than 250,000 dogs contract deadly heartworms through a mosquito bite.

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WHY CHOOSE VDCI?: Government Partners in Mosquito Management

VDCI's team of scientists and experts partners with municipalities, mosquito abatement districts, counties and parishes, and other state entities to execute IMM plans that keep mosquito populations in check.

ADVANCED TECHNOLOGY



From our drones and aircraft fleet to spray optimization and guidance software, we leverage technology and the latest innovations to ensure the most precise and effective applications.

EMERGENCY RESPONSE



We partner with municipalities and government agencies to perform rapid response mosquito abatement missions for hurricanes, flooding, and health crises.

INDUSTRY EXPERTISE



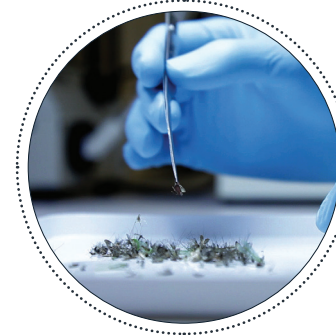
Protecting public health and the communities we serve takes commitment and expertise. Our team consists of leaders in their field: PhDs, researchers, pilots, technicians, and more.

INTEGRATED PROGRAMS



By combining mosquito testing and disease surveillance with targeted treatments, then prioritizing public education, VDCI can more effectively reduce mosquito populations

LABORATORY TESTING



To help prevent disease transmission, VDCI closely monitors local mosquito populations through advanced surveillance and disease testing in a scientific laboratory.

PUBLIC EDUCATION



Informed citizens can better support ongoing mosquito management efforts in their community. VDCI works with our partners to implement and offer public education initiatives.

MAXIMIZE YOUR RESOURCES

By coordinating with the licensed professionals at VDCI, decision makers can help optimize resources, reduce liability concerns, and expand their bandwidth for other projects and priorities.

THE IMM ADVANTAGE

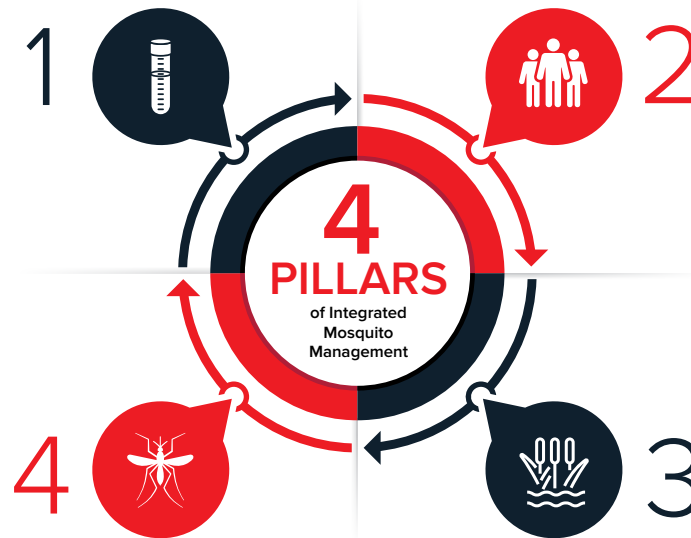
An integrated mosquito management approach is one of the most effective and environmentally friendly ways to control nuisance mosquitoes and protect the public from diseases. IMM programs utilize a variety of tools and science-backed solutions to tackle mosquitoes at every stage of their life cycle.



Reducing Insecticide Resistance

An integrated, science-backed approach is critical to keep mosquitoes from becoming resistant to insecticides due to genetic mutations, behavioral shifts, or other changes that make controlling disease-carrying populations more difficult.

VDCI can provide any level of support, from comprehensive management programs to supplementing in-house efforts.



1 SURVEILLANCE AND DISEASE TESTING

Entomologists continuously collect data on mosquito population dynamics and potential insecticide resistance to optimize control efforts. Surveillance and testing using a variety of techniques can reveal the presence of disease and facilitate reporting to local governments.

2 PUBLIC EDUCATION

Maximizing mosquito control programs requires community cooperation through public education. Brochures, fact sheets, and partnerships with health departments and local organizations encourage the use of repellents, protective clothing, and proactive removal of standing water sources.

3 LARVAL MOSQUITO CONTROL

Proactive ground services are essential for mosquito management. IMM professionals specialize in identifying mosquito habitats such as ditches, ponds, and stormwater drains and using custom solutions like source reduction, habitat modification, and EPA-registered larvicides to establish lasting control.

4 ADULT MOSQUITO CONTROL

To combat adult mosquitoes, experts may apply precise amounts of EPA-registered adulticides via ULV (ultra-low volume) spraying from trucks, planes, backpacks, or drones. Surveillance and monitoring help experts apply the right amounts in the right place at the right time.



AERIAL ADVANTAGE

VDCI owns our own fleet of larviciding and adulticiding aircrafts and drones. We don't rely on third party subcontractors, meaning you can rest assured that we'll be there when you need us.



Our dedicated aerial team has a combined 50,000+ hours of experience operating aircrafts equipped with GPS guidance systems, spray optimization technologies, and cutting-edge weather monitoring systems.



VDCI also employs drones for applications that require a more versatile and efficient approach. Drones are particularly effective for dangerous or inaccessible areas, ecologically sensitive habitats, and applications near residential properties.



EMERGENCY RESPONSE

In the aftermath of a storm or hurricane, whole communities can become a breeding habitat for mosquitoes, which may reach their peak population over several days or weeks. In these times of crisis, every minute counts.

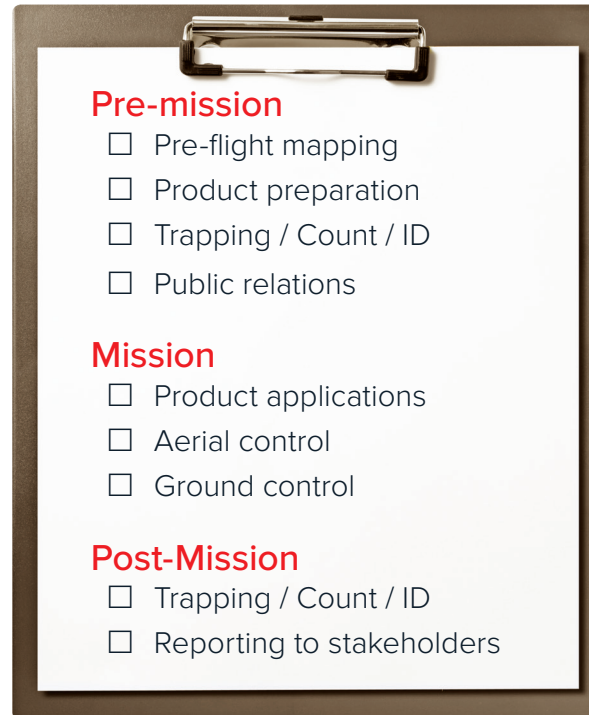
VDCI is committed to helping your community prepare for the unexpected. We have a proven track record of supporting recovery initiatives through strategic planning, prevention, post-storm control efforts, and coordination with state and local governments.

VDCI's EMERGENCY RESPONSE MISSIONS

- 2022 Hurricane Ian, FL
- 2021 Hurricane Ida, LA
- 2020 Hurricanes Delta and Laura, LA
- 2018 Hurricane Florence, NC
- 2018 Hurricane Michael, FL
- 2017 Hurricane Harvey, TX | Hurricane Irma, FL
- 2017 West Nile, ID
- 2016 Zika Virus, FL and several U.S. Territories
- 2014 West Nile, TX
- 2012 Tropical Storm Debby, FL
- 2011 Hurricane Irene, NC and PA
- 2008 Hurricanes Ike and Gustav, LA and TX
- 2005 Hurricanes Katrina and Rita, LA and MS
- 2004 Hurricane Season (5 Hurricanes), FL

BUILDING AN EMERGENCY RESPONSE PLAN

An effective emergency response strategy should be tailored to the unique terrain, environmental challenges, and goals of your community. With our support, government leaders can focus on addressing their community's urgent needs with confidence and peace of mind, knowing that disease-carrying mosquitoes are being kept in check.



Additional Resources

Our team may also be able to assist with other challenging aspects of mosquito control after a natural disaster or disease outbreak.

HELP NAVIGATE FUNDING



FEMA

MEDIA/PRESS COVERAGE



KEEP YOUR COMMUNITY SAFE

No community should experience the fear and frustrations that stem from a disease outbreak. Effectively preventing these incidents requires ongoing, coordinated efforts.

As an experienced service provider with a mission to protect public health, VDCI is dedicated to supporting government leaders, aiding in-house programs, and

strengthening communities through environmentally responsible mosquito management programs.

By consistently allocating resources to mosquito control programs, community leaders can demonstrate their commitment to public safety and build trust between the government and the public.





ABOUT VDCI

Since 1992, Vector Disease Control International (VDCI) has taken pride in providing municipalities, mosquito abatement districts, industrial sites, planned communities, homeowners associations, and golf courses with the tools they need to run effective mosquito control programs.

We are determined to protect the public health of the communities in which we operate. Our mosquito control professionals have over 100 years of combined experience in the field of public health, specifically vector disease control.

We strive to provide the most effective and scientifically sound mosquito surveillance and control programs possible based on an Integrated Mosquito Management approach recommended by the American Mosquito Control Association (AMCA) and Centers for Disease Control and Prevention (CDC). VDCI is the only company in the country that can internally manage all aspects of an integrated mosquito management program, from surveillance to disease testing to aerial application in emergency situations.



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