

Aerial Application Services

Protecting Public Health Since 1992.

VDCI is the leading aerial application service provider for mosquito control, with contracts nationwide. Due to the complicated nature of these applications, very few companies possess the experience and capability to handle aerial larval and aerial adult mosquito control without subcontracting to another provider. Our expertise, technology, and reporting capabilities are an asset to any program in need of aerial application services.

Why Aerial Mosquito Control?

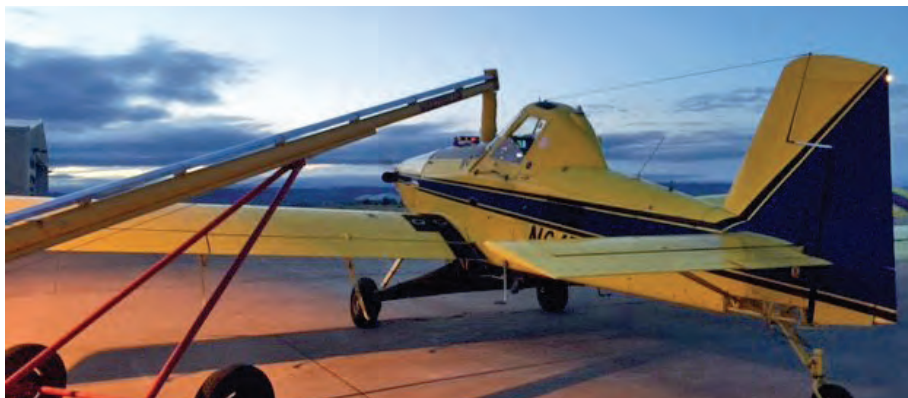
- Ability to reach areas that are otherwise very difficult or too large to treat.
- Can effectively complement your ground-based activities.
- In many cases, using aerial applications as a tool can save you money.
- Aerial applications may be the only way to break the mosquito breeding cycle in emergency situations or when mosquito populations are abnormally high.

Aerial Adulticiding

Timing is essential. Aerial Adulticiding can achieve control over a wide area in a single application, whether in an emergency or as a tool to complement your ground-based activities.

Aerial Larviciding

Aerial larviciding services are capable of treating large areas more efficiently. Our team can target regions where standing water exists that may otherwise be inaccessible.



Did You Know?

- Drones can be used to target more sensitive areas and are capable of applying up to 200 acres of product per session.
- VDCI's fleet of fixed-wing, twin engine aircrafts are each capable of treating in excess of 50,000 acres per aircraft, per night.
- VDCI's ground and aerial teams are trained mosquito control experts, meaning our applications are more effective than an agricultural applicator.
- A specific droplet spectrum must be achieved for the product to impact mosquitoes.
- Weather conditions affect the movement of a spray and are monitored throughout the entirety of a mission.
- Aerial applications scheduled to match the activity patterns of target mosquitoes.

Industry-Leading Aerial Services

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

Technology Capabilities

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

At the completion of each spray mission, data is downloaded from the aircraft and reports are generated providing our customers with a graphical depiction of the spray mission.

VDCI Aerial Advantage

- Maintaining your own aerial program can present several risks and prove difficult to manage and afford.
- VDCI owns, maintains, and operates a fleet of aircrafts and drones dedicated exclusively to mosquito control operations.
- VDCI conducts aerial applications nationwide, treating between 4 and 5 million acres per season.
- The VDCI Aerial Team has a combined 50,000+ hours of aerial adulticiding experience.
- Drone technology is often used for quieter and more precise applications, particularly in residential areas.
- Aircrafts and drones meet or exceed all FAA regulations pertaining to low level pesticide application.
- Coordination with local airports, FAA low level waiver and congested area plans.

All our aircrafts are equipped with the following:

- Wingman™ GX Spray Optimization and GPS-Guidance Systems
- AIMMS-20 Weather Monitoring System. The most advanced system designed specifically for mosquito control.
- Rotary atomizers ensure uniform deposition of product.

Experience and Accountability

By partnering with VDCI, you will have the resources, personnel, and expertise you need to maintain control of mosquitoes and mosquito-borne diseases, both routinely and in the face of any circumstance that may arise.

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



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