

The **Vector Control Program** is a City of Albuquerque/Bernalillo County joint program tasked with controlling mosquitoes and other vector species throughout Bernalillo County.

The program employs three primary methods of mosquito control—adulticiding, larviciding, and biological control.

## Adulticides

### What Is An Adulticide?

An adulticide is an insecticide that specifically targets the mature, adult life stage of insects.

### What Adulticides Are Used?

Our program rotates between adulticides to reduce the potential for the development of resistance. Currently our program uses the following: **Kontrol 30-30®** and **Mosquito Mist U.L.V.®**

### Why Spray?

We spray to prevent mosquito borne disease in people and animals, to reduce the number of adult mosquitoes, and to reduce mosquito nuisance.



### Where Can Adulticides Be Used?

Adulticides are sprayed along residential streets, in parks, campsites, woodlands, athletic fields, golf courses, gardens, playgrounds, and other areas where adult mosquitoes occur.

### Are Adulticides Harmful To My Health?

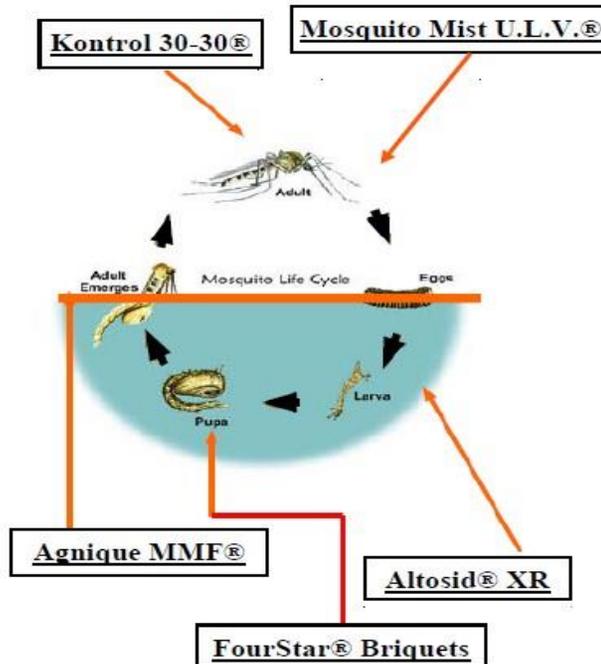
According to the research, the application of Kontrol 30-30® and Mosquito Mist U.L.V.® does not cause serious health effects at the rate at which they are applied by our program. Allergic reactions, such as irritation and itching of the skin and eyes may occur.

### What If I Am Exposed To Pesticides?

If you experience any problems that you feel may be related to pesticide exposure, seek medical attention or call the poison control center at 1-800-222-1222.

### What Is The Difference Between Adulticides and Larvicides?

- Adulticides are sprayed into the air in order to kill the already flying adult mosquitoes.
- Larvicides are applied to standing water sources in order to kill immature mosquitoes before they reach the adult stage.



All personnel who apply mosquito control chemicals are licensed through the New Mexico Department of Agriculture and receive annual training to maintain their licenses.

## Larvicides

### What is a Larvicide?

A larvicide is an insecticide that specifically targets the immature life stages of an insect.

### What Larvicides Are Used?

Our program uses the following larvicides: **Agnique® MMF**, **Fourstar® Briquets**, and **Altosid® XR**.

### Why Apply Larvicide?

Larvicides decrease the need to spray adulticides by reducing the amount of mosquitoes that become adults.

### Where Are Larvicides Used?

Larvicides are applied to still waters and ponds where mosquito larvae are known to be.

### Are Larvicides Harmful To My Health Or To Livestock?

Whenever possible our program uses the least toxic product that will be effective. The larvicides that are used are low in toxicity and have minimal risks to humans and animals.



Mosquito larvae

## Biological Control



**MOSQUITO FISH** (*Gambusia affinis*)

Whenever possible, Vector Control Technicians release *Gambusia* fish to eat the mosquito larvae. This reduces the need for larvacides and adulticides.

### How Can I Get Mosquito Fish?

Fish are available at no cost through the City of Albuquerque Environmental Health Department by calling **311**. Additionally, fish can be obtained at one of the distribution centers located throughout the city. For more information and a list of distribution centers visit:

<http://www.cabq.gov/urban-biology/mosquito-control/mosquitofish-distribution>

### How Do I Make A Request To Have My Street Sprayed For Mosquitoes?

If you would like your street sprayed, please call **311** and a technician will respond in a timely manner.

### What Can I Do To Help Prevent Mosquitoes?

- Prevent standing water on my property.
- Stock ornamental ponds with Mosquito Fish
- Cover rain barrels and other water storage containers.
- Clean, chlorinate, and keep swimming pools circulating.
- Do not overwater pastures, fields, or gardens.

### For More Information:

- **Environmental Protection Agency**  
1-800-533-3508  
[www.epa.gov/pesticides/factsheets/skeeters.htm](http://www.epa.gov/pesticides/factsheets/skeeters.htm)
- **Albuquerque Environmental Health Department**  
[www.cabq.gov/envhealth](http://www.cabq.gov/envhealth)  
505-768-2600
- **Poison Control Center**  
1-800-222-1222
- **Bernalillo County Health Protection**  
[www.berncounty.gov/health-protection](http://www.berncounty.gov/health-protection)  
505-314-0310

**Bernalillo County**  
**Planning & Development**  
**Services**  
**Health Protection**  
111 Union Square SE, Suite 300  
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# Bernalillo County Planning & Development Services Health Protection

## Mosquito Prevention and Control In Bernalillo County