

# THE ALTOSID® XR-G ULTRA DIFFERENCE

## Advanced Consistency

Altosid® XR-G Ultra is a new carbon-free, clean (S)-methoprene granule larvicide formulation that controls adult mosquito emergence with a new consistent mode of action. This formulation is easy on equipment and provides effective, flexible larval control for all public health professionals.

With a 28-day residual, Altosid® XR-G Ultra larvicide prevents the emergence of adult mosquitoes including those which may transmit vector-borne diseases.

Public health officials can rely on this new advanced formulation, from the founders of (S)-methoprene IGR larvicides, for clean and consistent extended residual larval control.

Central Life Sciences has always focused on creating innovative and environmentally compatible mosquito control. Altosid® XR-G Ultra continues our commitment to create products that meet that high standard, which you can read more about on our Environmental Compatability page at [CentralMosquitoControl.com](http://CentralMosquitoControl.com).



## 50 YEARS OF RESPONSIBLE MOSQUITO CONTROL

Central Life Sciences is committed to providing environmentally responsible mosquito control.

It's a commitment that is as strong today as it was during our founding nearly 50 years ago. It's seen in our product lineup that has grown to one of the industry's most comprehensive collections of reduced-risk solutions. Our goal is to continue to provide effective products that protect public health with consideration for the environment.

To learn more about the Central Life Sciences portfolio and mosquito control products, visit [CentralMosquitoControl.com](http://CentralMosquitoControl.com)

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## ALTOSID® XR-G ULTRA



## Altosid<sup>®</sup> XR-G ULTRA

CLEAN,  
EASY-TO-USE  
MOSQUITO CONTROL  
MADE FOR YOU



 **CENTRAL** Life Sciences®

 **Altosid**

# ALTOSID® XR-G ULTRA HIGHLIGHTS

## Easy Application

Altosid® XR-G Ultra provides a clean, easy-to-apply formulation that helps ensure accurate application rates with superior flow through most application equipment.

## Extended Residual

Altosid® XR-G Ultra is effective up to 28 days and is approved for flexible use rates to fit varied application requirements. Ideal for large tracts of standing water and intermittent flood zones.

## Trusted (S)-Methoprene Protection

The result of our founders' vision to revolutionize insect control nearly 50 years ago, (S)-methoprene continues to provide trusted control with care for the environment. As an active ingredient, it stops the life cycle of mosquito larvae, preventing them from maturing into biting, breeding disease carrying adults while still leaving them in the food chain. Its low toxicity profile helps prevent any adverse impact on non-target insects, and has minimal effect on mammals, amphibians, fish, and other beneficial insects.

## No Bioaccumulation

(S)-Methoprene degrades quickly in UV light, so reapplication does not lead to increased levels of the active ingredient in the environment.



## VITALS

- Percent active ingredient: 1.6%
- Bulk density: 82.4 lbs. per cubic foot
- Rate range: 2.5-20 lbs. per acre

## FEATURES

- Consistent carbon-free, clean granule matrix that is ideal for specific rate and clean application
- Designed for a clean application to crop and non-crop sites
- (S)-Methoprene quick release technology

## BENEFITS

- Easy application
- Up to 28 days of residual control in standing water
- Carbon-free
- Labeled for up to 14 days pre-treat floodwater habitats
- Flexible use rates – 2.5-20 lbs. per acre
- High-bulk density
- Excellent application coverage and canopy penetration
- Treatment for pre-flood areas

# THE ORIGINAL IGR IN A NEW GRANULE FORMULATION

## *Anopheles quadrimaculatus*

| Application |             | (S)-Methoprene Emergence Inhibition |         |         |         |
|-------------|-------------|-------------------------------------|---------|---------|---------|
| lbs/acre    | Water Depth | 7 days                              | 14 days | 21 days | 28 days |
| 5           | 6 inches    | 100%                                | 100%    | 100%    | 89%     |
| 7.5         | 12 inches   | 100%                                | 100%    | 100%    | 99%     |
| 15          | 24 inches   | 100%                                | 100%    | 100%    | 88%     |

## *Aedes taeniorhynchus*

| Application         |             | (S)-Methoprene Emergence Inhibition |         |         |         |
|---------------------|-------------|-------------------------------------|---------|---------|---------|
| lbs/acre            | Water Depth | 7 days                              | 14 days | 21 days | 28 days |
| 2.5                 | 4 inches    | 100%                                | 98%     | 36%     | 3%      |
| 4                   | 6 inches    | 100%                                | 100%    | 100%    | 82%     |
| 7.5                 | 12 inches   | 100%                                | 100%    | 100%    | 97%     |
| 7 Day Pre-Treatment |             |                                     |         |         |         |
| 10                  | 12 inches   | 100%                                | 100%    | 100%    | 100%    |

*Entomology consultants LLC test data  
6 reps per treatment*

*(S)-Methoprene assessments used percent emergence inhibition recorded by days after treatment*