

KEY ADVANTAGES OF ALTOSID XR-G® ULTRA

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, including Unmanned Aircraft Systems (UAS).

EXTENDED RESIDUAL | Altosid XR-G® Ultra provides up to 28 days of control and offers flexible application rates to suit a range of environments—from large areas of standing water to intermittent flood zones and smaller breeding sites.

(S)-METHOPRENE PROTECTION | Every Altosid® formulation contains (S)-Methoprene—our innovative insect growth regulator (IGR) that stops the life cycle of developing mosquito larvae and prevents them from maturing into breeding, biting adults. Our U.S.-made, target-specific ingredient doesn't interrupt the food web because larvae remain in the water without negatively impacting fish, waterfowl, mammals, or beneficial insects, making it ideal for even the most sensitive areas.

NO BIOACCUMULATION | (S)-Methoprene degrades quickly in UV light, so reapplication does not lead to increased levels of the active ingredient in the environment.



MOSQUITO CONTROL EVOLVED

Central Life Sciences is committed to providing environmentally responsible mosquito control solutions that are founded in science and guided by our team members who have extensive experience working in operational mosquito control programs. Ever since we pioneered Insect Growth Regulator (IGR) technology over 50 years ago, Central Life Sciences has maintained this commitment, and our product portfolio has grown into one of the industry's most comprehensive collections of effective, reduced-risk solutions.

Our goal is to never stop innovating and pushing the boundaries of cutting-edge mosquito control technology so we can deliver the most effective products that protect public health and respect the environment.

This is Mosquito Control Evolved.



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ALTOSID XR-G® ULTRA



**CLEAN, EFFECTIVE
MOSQUITO CONTROL
ENGINEERED FOR YOU**



THE ALTOSID XR-G® ULTRA DIFFERENCE



THE EVOLUTION OF LARVAL CONTROL

Altosid XR-G® Ultra is a dust-free, carbon-free (S)-Methoprene granule larvicide formulation that prevents the emergence of adult mosquitoes, including those capable of transmitting vector-borne diseases.

Effective for up to 28 days, Altosid XR-G® Ultra is easy on equipment and provides effective, flexible larval control for mosquito abatement professionals. Public health officials can rely on this 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 solutions. Altosid XR-G® Ultra continues our commitment to providing Mosquito Abatement Districts with effective products that meet these high standards.



FEATURES AND BENEFITS

- Carbon-free, clean granule matrix that provides consistent applications and wide swaths
- Up to 28 days of residual control in standing water
- Labeled for up to 14 days pre-treatment in floodwater habitats
- Designed for dust-free applications to crop and non-crop sites
- Flexible application rates of 2.5 to 20 lbs per acre
- (S)-Methoprene quick release technology
- Excellent application coverage and canopy penetration



VITALS

- **Percent active ingredient:** 1.6%
- **Bulk density:** 82.4 lbs. per cubic foot
- **Application Rates:** 2.5-20 lbs. per acre
- **Drone swaths:** Up to 80 feet



THE SCIENCE OF ELEVATED CONTROL

SPECIES: *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%

SPECIES: *Aedes taeniorhynchus*

APPLICATION		(S)-METHOPRENE EMERGENCE INHIBITION			
lbs/acre	Water Depth	7 days	14 days	21 days	28 days
4	6 inches	100%	100%	100%	82%
7.5	12 inches	100%	100%	100%	97%

7-DAY PRETREATMENT

lbs/acre	Water Depth	7 days	14 days	21 days	28 days
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

