

The Next Generation in Mosquito Control

All new, advanced formulations—
developed by mosquito control professionals

www.aquaprene.com



 **AQUAPRENE™**

Advancing the Science of Mosquito Control

Aquaprene™ is a new line of larvicide products for mosquito control professionals. The Aquaprene product line sets a higher standard for simple, effective cost-efficient mosquito control.

The developers of Aquaprene's advanced formulations have more than 50 years of mosquito control experience—and a proven track record for developing some of today's most successful methoprene products.

Improve efficiency and results with Aquaprene

Aquaprene's developers understand mosquito control operations because they have spent years in the field under conditions like yours.

Aquaprene products are designed to help:

- **Reduce labor costs:** more efficient product application methods means your staff can treat more acres per day
- **Improve results:** customized formulations for specific field sites and conditions
- **Work smarter:** control prime breeding sites between broods with pre-hatch treatments and relax when the rains come
- **Extend control:** reduce number of applications by controlling multiple broods with each treatment

Target-specific

Unlike conventional pesticides, Aquaprene formulations contain *S-Methoprene*, an insect growth regulator (IGR) that interferes with normal mosquito metamorphosis between the larval and adult stages.



Methoprene keeps mosquito larvae alive and available as waterfowl food, yet prevents them from developing into biting adults. Ultimately, it decreases the number of annoying mosquitoes without disrupting the food chain.

Methoprene has the industry's lowest toxicity rating and, with its target-specific action, won't affect fish, waterfowl, mammals and beneficial insects.

Formulations



Aquaprene Wettable Powder

- Controls 1 to 2 broods.
- Controlled release Wettable Powder treats 5 acres per unitized water soluble pouch
- Industry first liquid pre-flood application capability
- Wettable Powder is diluted in water and applied as a liquid pre-hatch treatment weeks before flooding, or applied post-hatch to breeding sites
- Can be used to make sand granules



Aquaprene Tossits

- Controls 1 to 2 broods
- Tossit water soluble pouch controls 1/8 acre (5,445 sq. ft.) from a single application point
- Simply throw one Tossit for each 1/8 acre onto the water anywhere within the breeding site—and walk away
- Use multiple Tossits to treat sites of all sizes
- Tossits do not require application equipment
- Tossits are a revolutionary time and labor savings formulation

Aquaprene Briquets

- Controls up to 45 days
- Clean to the touch, no charcoal residue
- General use formulation, shape and labeling



Aquaprene XL Briquets

- Controls up to 170 days
- Clean to the touch, no charcoal residue
- General use formulation, shape and labeling

Aquaprene Catch Basin Briquets

- Controls up to 45 days
- Clean to the touch, no charcoal residue
- Catch basin specific formulation, shape and labeling

Aquaprene XL Catch Basin Briquets

- Controls up to 170 days
- Clean to the touch, no charcoal residue
- Catch basin specific formulation, shape and labeling



Aquaprene Granules

- Controls 1 to 2 broods
- Virtually dust free granules
- 50% more S-Methoprene for longer control and lower rates
- Uniform sand carrier for improved calibration and even application

Aquaprene XL Granules

- Controls up to 40 days
- Virtually dust free granules
- Uniform sand carrier for improved calibration and even application

SmartDose™ Technology



The environmental advantages of methoprene, the active ingredient in Aquaprene formulations, are well known, making it a control material of choice. Highly susceptible to ultraviolet degradation, methoprene lasts only four hours in sunlight, making it an ideal active ingredient for the environment. But its short half life also makes it a challenge to formulate for mosquito control.

To address this challenge, Aquaprene's scientists have developed SmartDose controlled release technology. This proprietary technology:

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| <ul style="list-style-type: none"> • Effectively regulates the methoprene release rate to achieve parts-per-billion levels in water for optimal mosquito control effectiveness | <ul style="list-style-type: none"> • Protects Aquaprene's active ingredient from ultraviolet degradation until release | <ul style="list-style-type: none"> • Releases methoprene only in water—apply Aquaprene to dry sites weeks before flooding; the active ingredient works when flooding occurs, often on multiple broods |
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You can be confident that Aquaprene products will remain potent when mosquitoes reach their most susceptible window—just before pupation.

Discover the benefits of Aquaprene technology

Aquaprene is an extensive line of innovative methoprene formulations that will change the way you do mosquito control.

To insure only the finest in customer service and technical support, Aquaprene is available exclusively through B2E, the developer and manufacturer of Aquaprene products. To learn more about Aquaprene formulations and the next generation of mosquito control, call toll free **888-846-7233** or visit www.aquaprene.com.

