A New Weapon Against Dengue And Malaria
Traditional Mosquito Control
A Different Approach

Traditional Methods
Aimed at adult mosquitoes

Aquatain AMF
Aimed at the breeding stages (larvae and pupae)
What is Aquatain AMF?

- Unique silicone-based liquid barrier
- Self-spreads across water surface
- Totally non-toxic: physical action, not chemical
- Effective for 4 weeks on the surface
- Environmentally friendly - degrades into silicates
Self-Spreading Film

- AMF applied and seen spreading
- AMF a few minutes later
Aquatain AMF Trials

Aedes aegypti  
Dengue Fever vector

Culex quinquefasciatus  
West Nile Virus vector

Anopheles  
Malaria vector

Photo: James Gathany
Aquatain AMF Trials

- Sydney
- Netherlands
- Singapore
- Sri Lanka
- Jamaica
- Uganda
- Kenya
- France
- Cambodia
- India
- Argentina
- Venezuela
Aquatain AMF – how it works

- Forms a thin physical barrier over the water surface
- Pupae and larvae are killed as they find it more difficult to attach to the surface to breathe
- Discourages females from laying eggs

Aquatain AMF – breaking the mosquito-borne diseases cycle!
Aquatain AMF Trials - Sri Lanka

St Sebastian Canal Field Trials

DEPARTMENT OF ENTOMOLOGY
MEDICAL RESEARCH INSTITUTE
SRI LANKA
Aquatain AMF Trials - Sri Lanka

- Rapid impact on larvae

- After 31 days:
  - AMF treated: 95% reduction in larvae numbers
  - Control: 60% increase in larvae numbers
Aquatain AMF Trials - Uganda

- 100% mortality of larvae within 12 hours - at all 3 sites
Aquatain AMF Trials Summary

- No eggs laid on Aquatain AMF
- Many females drown while attempting to lay eggs on AMF film
- 94% mortality of L1, L2 larvae in about 10 days
- 100% mortality of L3, L4 larvae in 1-3 days
- 100% suppression of pupation
- 100% mortality of pupae of all 3 species within 3 hours

Aquatain AMF – breaking the mosquito-borne diseases cycle!
Already Approved For Sale In ....

- Australia
- New Zealand
- Singapore
- Malaysia
- Indonesia
- Sri Lanka
- Israel
- Mexico
- Jamaica
- Barbados
- Uganda
- Venezuela coming shortly
- Cuba
- Ghana
- Plus many others

Aquatain AMF – breaking the mosquito-borne diseases cycle!
How To Apply Aquatain AMF (1)
How To Apply Aquatain AMF (2)
How To Apply Aquatain AMF (3)
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