

quicker and more effective; together with providing lower transportations costs.

iauid core of (S)-methoprene

INTELLIGENT GRANULAR MICROENCAPSULATION TECHNOLOGY™



TWO METHODS OF APPLICATION

METHOD 1

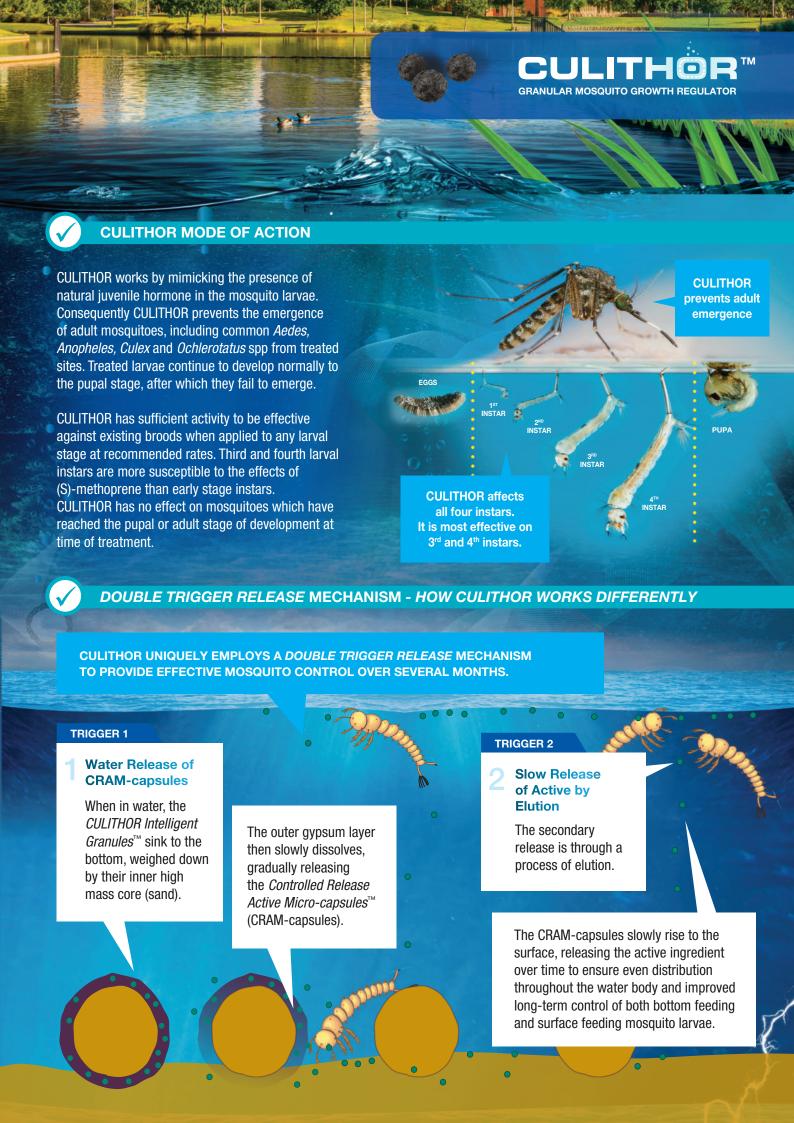
Added to flood prone areas

CULITHOR can be applied prior to flooding by rain or tides. It will not be triggered into action until the water floods over it. Since the CRAM-capsules are protected by UV-filters, the CULITHOR will remain viable for up to three months, even in strong sunlight.

METHOD 2

Directly to water bodies

CULITHOR can be added directly to the water where the mosquitoes are breeding for quick and effective control.





Water Release CULITHOR remains stable even in strong sunlight allowing use in tidal areas and on flood plains.

It is only triggered into action when immersed in water.

TRIGGER 1 - Water Release of CRAM-capsules.

Slow Release The CULITHOR Intelligent Granules release the Controlled Release Active Micro-capsules

(CRAM-capsules) which gradually rise to the surface as they slowly release the active ingredient.

TRIGGER 2 - Slow Release of Active by Elution.

Long-term Residual The *Double Trigger Release* mechanism can provide for control over several months.

Good Distribution in the Water

The CULITHOR Intelligent Granules with CRAM-capsules ensure an even distribution of the active through

the water body.

High Active Loading CULITHOR has three times more (S)-methoprene compared to any other granular product on the market.

This means you use 1/3 as much per hectare. Meaning lower application and transport costs.

Easy Application CULITHOR can be applied with conventional ground or aerial application equipment. The high mass core

of the CULITHOR Intelligent Granules ensures targeted delivery, even in adverse weather conditions.

Improved Safety The outer chitosan shell of the CRAM-capsules is non-digestible by mammals.

TECHNICAL SPECIFICATIONS

CULITHOR Granular Mosquito Growth Regulator Product Name:

Type: Biopesticide - Insect Growth Regulator

Active Constituent: 12 g/kg (S)-methoprene Registration No. 10919 of Act No. 36 of 1947

Formulation: Ready-to-use Intelligent Granular Microencapsulation Technology.

CRITICAL COMMENTS RATE

1.0 kg/ha Use this rate when water is shallow (<30 cm), clean and mosquito larval numbers are low (<10 per dip).

Use this rate when water is deep (>30 cm), vegetation and/or pollution are present, and/or mosquito larval 1.3 kg/ha

numbers are high (>10 per dip).

1.7 kg/ha This rate should only be used when the major target mosquito species is *Culex sitiens*.

LEADING INNOVATION IN PEST MANAGEMENT

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