

# Optimol<sup>®</sup>

Biological Insecticide Optimiser

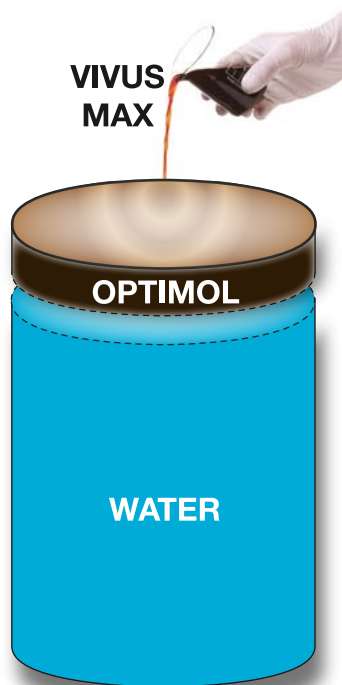
## INFORMATION FOR AERIAL OPERATORS 2012/13 SORGHUM SEASON

For applying Vivus Max plus Optimol at 10 litres per hectare in sorghum, follow the mixing instructions diagram below.

### Vivus Max Draft Label Application Instructions:

*Aerial – Low Volume (Sorghum Only)*

Apply in a minimum of 10 litres of water per hectare and include Optimol at 1 litre per hectare (Vivus Max + 1 L Optimol + 9 L water per hectare).



VIVUS  
MAX

75 to 150 mL per  
hectare of Vivus Max

MIXING  
ORDER

3<sup>rd</sup>

OPTIMOL

1 L per hectare of Optimol

2<sup>nd</sup>

WATER

9 L per hectare of water

1<sup>st</sup>

## What Is Optimol

Optimol is a blend of molasses (containing sucrose, glucose and fructose), sucrose and petroleum oil designed and developed to optimise the performance of Vivus Max. It has no insecticidal properties on its own but when mixed with Vivus Max can improve spray coverage and increase residual control; resulting in higher mortality and faster speed of kill of *Helicoverpa* spp. larvae under certain conditions.

## Using Optimol with low volume aerial application of Vivus Max in sorghum

In sorghum, aerial application of Vivus Max is often the only option available to growers - due to lack of high clearance rigs, wet conditions or the need to cover large areas quickly. Low water application volumes (down to 10 L per hectare) can be used successfully with Vivus Max due to the unique structure of sorghum and the mode of heliothis feeding in this crop. These low volumes greatly improve efficiency (in cost and/or time) of aerial applications of Vivus Max compared to ultra-low volumes (ULV - 3 L oil per hectare) and higher volume applications (30 L water per hectare); however, low volumes increase the risk of poor coverage. To maximize coverage and performance of

low volume aerial applications in sorghum, AgBiTech has registered Vivus Max to be applied in a total volume of 10 L water per hectare with the addition of Optimol at 1 L per hectare (i.e. 9 L water per hectare + 1 L Optimol per hectare + Vivus Max). This approach will significantly lower the cost of control and allow rapid treatment of large areas during the short heliothis control window in sorghum, while retaining high performance.



## FOR FURTHER INFORMATION, PLEASE CONTACT:

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Important Note: Vivus Max + Optimol at 10 L per hectare in sorghum is subject to APVMA approval - expected March 2013

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**ALWAYS READ THE PRODUCT LABEL PRIOR TO USING OPTIMOL AND VIVUS MAX**