

Optimol[®]

Biological Insecticide Optimiser

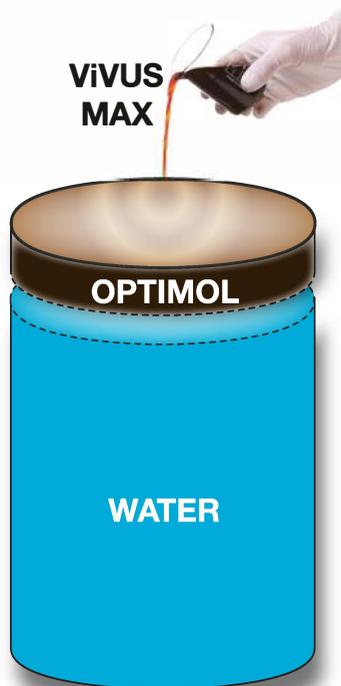
INFORMATION FOR AERIAL OPERATORS

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

Vivus Max 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**

3rd

1 L per hectare of Optimol

2nd

9 L per hectare of water

1st



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 *Helicoverpa* 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 *Helicoverpa* control window in sorghum, while retaining high performance.

FOR FURTHER INFORMATION, PLEASE CONTACT:

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