VANTACOR®
INSECTICIDE

# Realise a broader protection for your Sorghum and Millet crops against Fall Armyworm*

**APVMA PERMIT NUMBER 91616*

## Vantacor® insecticide Provides Outstanding & Extended Crop Protection

- High insecticidal potency delivers reliable and consistent control
- Rapid cessation of feeding provides nearly immediate crop protection
- Long residual activity for long-lasting crop protection
- Translaminar activity and rainfastness ensures crop protection under a range of growing conditions
- Large margin of safety to workers and flexibility to re-enter fields
- Novel mode of action for Insect Resistance Management in a range of crops including Sorghum
- Low toxicity to beneficial arthropods, fish and birds gives an excellent fit in Integrated Pest Management systems.

## Dealing with a wide range of threats against your crops just got easier with Vantacor® insecticide

With high efficacy against larvae and long-lasting activity, Vantacor® insecticide provides consistent and robust control, working fast to protect against Fall Armyworm at rates between 55-90 mls per hectare.

## Early Application for Improved Control

When applied early in pest infestation cycle, Vantacor® insecticide helps to keep Fall Armyworm pest populations below damaging levels.

## How it Works - Vantacor® insecticide Insect Control Symptoms

- Rapid cessation of feeding
- General lethargy
- Regurgitation
- Muscle paralysis
- Severe growth stunting
- Death within 3 - 5 days under field conditions

Vantacor® insecticide symptoms in *Helicoverpa* larvae three days after treatment. Similar symptoms are expected in *Spodopetra frugiperda.*

*Photo: G. Cornwell, FMC*

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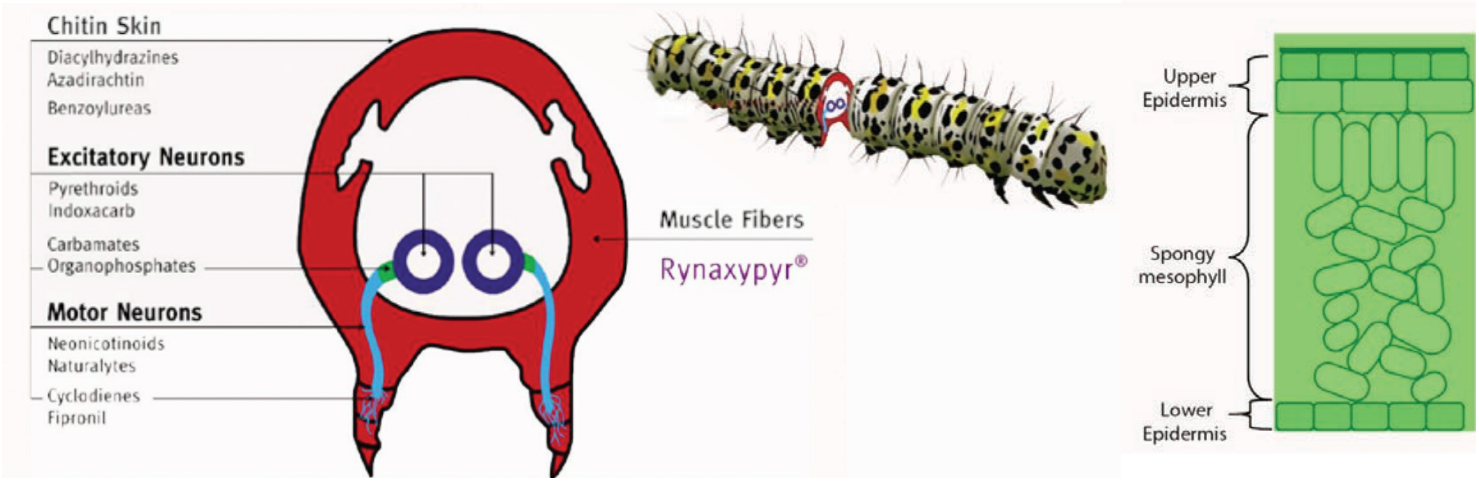
## Effective and consistent control

Residual activity, excellent user safety and convenience with no special PPE required, and new mode of action for Sorghum and Millet where resistance to Synthetic Pyrethroid and Carbamate insecticides are documented. Translaminar action by by Vantacor® insecticide contributes to rainfastness and residual.

## Mode of Action

Vantacor® insecticide's unique mode of action is the basis for rapid cessation of feeding and resulting protection of plants. Vantacor® insecticide acts on the cells in the muscle, not the nervous system. It is a new mode of action for key Sorghum and Millet crops. Vantacor® insecticide impacts insect behaviour by impairing the muscle function.




## Translaminar Activity

- Translaminar action by Vantacor® insecticide allows the product to reach where pests feed for more effective control.
- Although Vantacor® insecticide is translaminar and locally translocated within the plant leaf, focus on optimising spray coverage (medium spray quality, sufficient water volume, use non-ionic surfactant) to achieve maximum efficacy.

## Dual Action on Eggs and Larvae

Vantacor® insecticide is primarily a larvicidal/ ovi-larvicidal compound on Lepidoptera pests.

## IRM Principles for Vantacor®

The development of resistance is a real concern for the agricultural industry and FMC recommends using Vantacor® insecticide in a responsible manner.

- Vantacor® insecticide is a Group 28 Insecticide.
- Apply a maximum of two applications of Vantacor® insecticide per Sorghum and Millet crop.
- Apply Vantacor® insecticide using a "window" approach to avoid exposure of consecutive insect pest generations to the same mode of action. Successive applications of Vantacor® insecticide are acceptable if they are used to treat a single insect generation.
- FMC supports industry monitoring and ongoing review of resistance strategies.

**For further information please visit www.fmccrop.com.au or contact your local representative**



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