



Helicoverpa & FAW suppression with parasitic wasps



SorghumCAP® Basics

Target pest: *Helicoverpa armigera* and *Spodoptera frugiperda* (Fall armyworm (FAW))

Capsule contents: *Trichogramma pretiosum* wasp pupae

Mode of action: Parasitic wasps targeting Lepidopteran eggs, including *Helicoverpa* and FAW. Adult *Trichogramma* emerge from capsules and search for pest eggs. Females lay their eggs inside host eggs, where developing larvae consume the contents and prevent pest emergence. New adult wasps then emerge, mate and parasitise additional pest eggs, providing ongoing suppression.

Application method: Aerial (Light Aircraft)

Application rate: 1-2 capsules per ha. For optimum results. Multiple releases may be required.

Withholding period: Nil



Female *Trichogramma* wasp inserting her egg into an *Helicoverpa armigera* egg.

Enhancing IPM with SorghumCAP®

- ◆ SorghumCAP® alone rarely provides complete control of *Helicoverpa* and FAW, but it is an effective suppression tool that helps minimise grain damage.
- ◆ By targeting the egg stage, SorghumCAP® complements biological larvicides such as *Vivus* that target larvae after egg hatch. *Vivus* is typically applied around early flowering for *Helicoverpa* management. The combined use of SorghumCAP® and *Vivus* provides suppression across different pest life stages.



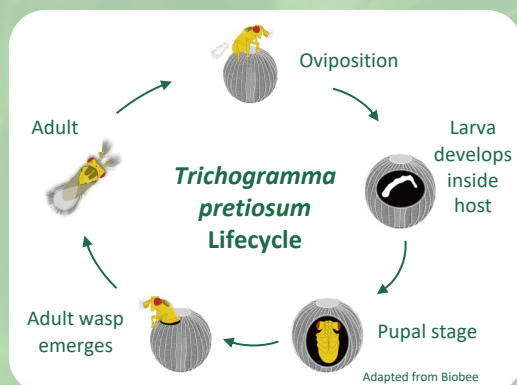
Application Timing

- ✓ Release at the first sign of moth activity in the field - typically from early vegetative stages (6-leaf onwards). Early, inoculative releases are key to SorghumCAP® effectiveness.
- ✓ Early releases target eggs before larvae emerge, helping suppress pest pressure before populations reach damaging levels.
- ✓ SorghumCAP® complements biological larvicides such as *Vivus*, providing suppression across different pest life stages as part of an integrated caterpillar management strategy.



Application Method

- ✓ Crop Capsules are released across fields using light aircraft equipped with a CASA approved precision applicator, ensuring quick and even distribution.
- ✓ Existing network of approved aerial operators and light aircraft fitted with capsule-releasing technology.
- ✓ Contact Crop Capsules to arrange aerial application.



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