



Helicoverpa & FAW suppression with parasitic wasps



CornCAP® 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 CornCAP®

- ◆ CornCAP® alone rarely provides complete control of *Helicoverpa* and FAW, but it is an effective suppression tool to minimise damage, reducing the risk of infection by aflatoxin-producing fungi.
- ◆ It is compatible with other biocontrol products (e.g. NPV).
- ◆ A selective larvicide may be necessary for additional control at silking, depending on pest pressure.



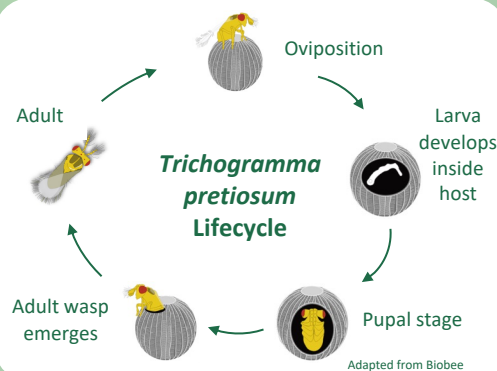
Application Timing

- ✓ Release at first signs of pest, from 6-leaf onwards, when eggs are present. Early, inoculative releases are key to CornCAP® effectiveness.
- ✓ Release with sufficient time for *Trichogramma* to complete at least 2-3 generations before silking. At 25 - 28 °C, *Trichogramma* completes a generation in approximately 8 - 10 days.
- ✓ Multiple releases are recommended due to the limited dispersal range of *Trichogramma* ($\pm 20m$ per generation) and the extended egg-laying period of target pests over several weeks.



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.



For more information contact:

OLIVIA BANGE +61 0488 766 386
ANNA MADDEN +61 0427 293 557
STEVE MADDEN +61 0429 457 219

info@cropcapsules.com.au
cropcapsules.com.au

