



## Helicoverpa & FAW suppression with parasitic wasps



### CornCAP® Basics

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

**Capsule contents:** *Trichogramma pretiosum* totalling up to 10,000 wasp pupae per capsule.

**Mode of action:** Parasitic wasps targeting Lepidopteran eggs, such as *Helicoverpa* and FAW. Adult parasitic wasps emerge from capsules and search for pest eggs. Females lay eggs inside the pest eggs, where the developing wasp larvae consume its contents, preventing pest emergence. The next generation of adult *Trichogramma* wasps then emerge, mate and parasitise other pest eggs, providing ongoing suppression.

**Application method:** Aerial (Light Aircraft)

**Application rate:** 2+ capsules per ha. For optimum results, perform multiple releases 1-2 weeks apart.

**Withholding period:** Nil



Female *Trichogramma* wasp inserting her egg into a *Helicoverpa armigera* egg.  
Source: OBA



### 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.

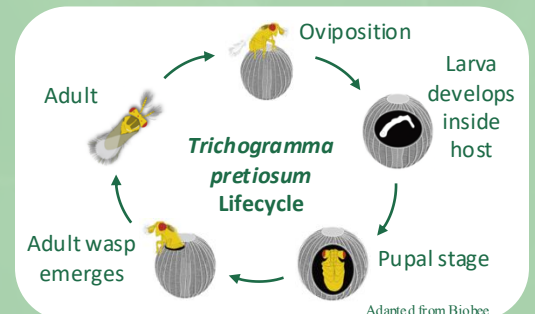


### Application Method

- ✓ Crop Capsules are released across fields using a light aircraft equipped with a purpose-built hopper, ensuring quick and even distribution through precision placement technology.
- ✓ We have a network of approved aerial operators and light aircraft fitted with capsule-releasing technology.
- ✓ Contact Crop Capsules to arrange aerial application.

### Enhancing IPM with ComCAP®

CornCAP® alone rarely provides complete control of *Helicoverpa* and FAW, but it is a valuable addition to your IPM program. 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.



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