

Tricho-corn

Target pests

- European Corn Borer (*Ostrinia nubilalis*)
- Corn Earworm (*Helicoverpa zea*)
- Mediterranean Corn Stalk Borer (*Sesamia nonagrioides*)
- Cranberry Fruitworm (*Rhopobota naevana*)

Target crops

- Sweet Corn
- Hemp
- Pepper
- Cannabis
- Cranberry

Tricho-corn are micro-wasps used in biological control to protect crops from pests. These parasitoids lay their eggs inside the eggs of harmful insects. The larvae develop by consuming the contents of these eggs, effectively preventing pests from maturing while offering an environmentally friendly and efficient control method.

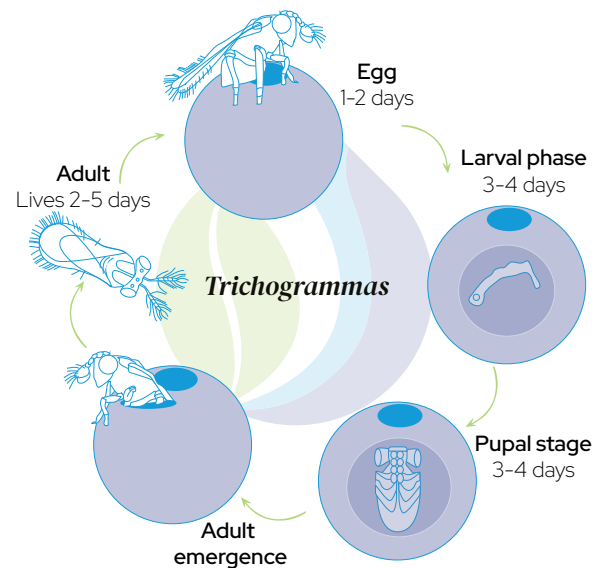
The trichogramma cards for corn contain micro-wasps at various developmental stages, primarily from the species *Trichogramma ostrinae*. This species has been specifically selected for its ability to parasitize the eggs of the European corn borer (*Ostrinia nubilalis*), one of the most common pests in corn cultivation.

Life cycle

- **Life Cycle:** Lasts 7 to 10 days (variable depending on temperature).
- **Optimal Conditions:** Temperature: 77-86°F (25-30°C) and Relative Humidity: 60-80%.
- **Reproduction:** Once mated, the female searches for freshly laid host eggs to deposit her eggs inside and can lay 50 to 80 eggs.

Introduction rate

Introduction	Quantity	Frequency	Duration
Preventive	1 card per 1076-2153 ft ² (100 - 200 m ²) (depending on whether the card contains 4k or 8k parasitized eggs).	Every week	5-8 weeks
Curative	Increase to 1 card per 538-1076 ft ² (50 - 100 m ²) if the pest pressure is high	Every week	Until control



Application

Introduce the Tricho-cards as soon as the first adult corn borers are detected, ideally, before pest activity begins (late May to mid-June) or at the 6 leaves stage. Handle the cards carefully by holding them by their edges.

For young plants, attach the cards about 3.9 in (10 cm) from the ground using a stick, and for more developed plants, place them at mid-height on the stem to maximize their effectiveness.

Replace each card after two weeks, and introduce new ones weekly for 5 to 8 weeks, until the end of the corn borer egg-laying period, which typically lasts about five weeks.

Storage

- Never freeze the cards. They can be refrigerated for a maximum of four weeks at 39.2-50°F (4-10°C).
- Keep in a low-humidity environment to prevent mold.