

## **Shatpada Tricho-Kill: High temperature tolerant strain of egg parasitoid *Trichogramma chilonis***

- **Brand Name: Shatpada Tricho-Kill**
- **Macrobial Strain :** *Trichogramma chilonis* (ICAR-NBAIR-HTTS)
- **Macrobial Culture deposition & Accession No:** Deposited in Arthropod Germplasm Information System (AGIS) & National Accession No. NBAII-MP-TRI-30
- **Production method: Selection pressure with variable temperatures (32° C to 40 °C) and reared on factitious host insect *Corcyra cephalonica***
- **Target pest and crop:** Lepidopteran pests of sugarcane, rice and maize in high temperature affected fields.
- **Method of application: Release of Trichocards**
- **Dosage of application:** Release of Trichocard @50,000/ha (5 to 8 releases depending upon the crops) @ 10 days interval.
- **Target states:** High temperature regions of Punjab, Gujarat, Karnataka, Orissa, Tamil Nadu, Assam, Arunachal Pradesh, Manipur, Tripura and Uttar Pradesh
- **Validation:** Validated in 10 states Punjab, Gujarat, Karnataka, Orissa, Tamil Nadu, Assam, Arunachal Pradesh, Manipur, Tripura and Uttar Pradesh)



### **Filed validation of High Temperature tolerant strain of egg parasitoid, *Trichogramma chilonis***



- **Benefits:**  
The strain is tolerant to high temperature (32-40°C), therefore, can be used efficiently by farmers in high temperature regions
- **Commercialization of technology:** The technology was sold to 2 private companies during 2012-13.

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