

EFFICACY OF INDIGENOUS EGG PARASITOID *TRICHOGRAMMA RAOI* AGAINST TEAK SKELETONIZER *EUTECTONA MACHAERALIS* (LEPIDOPTERA: PYRALIDAE)

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ABSTRACT: Indigenous species egg parasitoid wasp, *Trichogramma raoi* was identified and easily available in the insectary of Tropical Forest Research Institute, Jabalpur, India. In laboratory condition, one pair of, *T. raoi*, parasitization in the eggs of teak leaf skeletonizer, *Eutectona machaeralis* vary from 20 to 40%. On the basis of data, *T. raoi* proved a better potential species to parasitize average maximum number of eggs in laboratory i.e. 32 to 78%. Further on higher density with five pair of parasitoids in 10 eggs of *E. machaeralis*, parasitization was observed from 70-80%. Field experiments were also conducted in natural teak forest areas at Udaipur, Moiyana and Tikariya, West Mandla Forest Division, Mandla, Madhya Pradesh, India during 2011. It is concluded that the introduction of *T. raoi* @ 1.25 lakh / ha is beneficial to minimize the attack of *E. machaeralis*.

Key words: *Egg parasitoid, Teak skeletonizer, Parasitization, Growth loss*