

**THE EFFECT OF COMPARISON BETWEEN STARTER AND  
PARASITE HOST ON THE PARASITISM LEVEL OF  
*Trichogramma chilonis* Ishii ( *Trichogrammatidae*:  
*Hymenoptera*) IN PLANT PROTECTION  
LABORATORY**

*Supervised by Ir. Lilik Mastuti, M.P.  
and Etik Mar'ati Achadian, S.Si., M.P.*

**Vinny Nurul ' Uyuni**  
*Plantation Plant Cultivation Study Program  
Department of Agricultural Production, Jember State Polytechnic  
email : [Vinnynurul12@gmail.com](mailto:Vinnynurul12@gmail.com)*

**ABSTRACT**

*This research aims to determine the effect of the comparison between starter and parasite host on the parasitism level of *Trichogramma chilonis* Ishii. This research was conducted in January 2023 to February 2023 at the Indonesian Sugar Research Institute (ISRI), Pasuruan. This study used a Completely Randomized Design (CRD) Non-factorial, with comparisons of starter and parasite host, that were 1:2, 1:4, 1:6, 1:8, and 1:10, and carried out 4 replications. The data were analyzed using variance (ANOVA) with a level of 5%. If the results showed a significant difference, then continued with Honestly Significant Difference (HSD) at the 5% level. The results showed a significant difference on the level of egg parasitization, but insignificantly different on the emergence of adult parasitoid. While the host larvae hatching did not have an effect because there was no larvae hatching.*

*Keywords: Pias, *Trichogramma chilonis* Ishii, *Corcyra cephalonica* Stainton.*