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**Reproductive capacity of *Coccinella transversalis* Fabricus (Order: Coleoptera) on *Aphis crassivora* (Order:Hemiptera) on three legume hosts; Winged bean, Cowpea, Bushita Ma**

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*Aphis crassivora* is a severely injurious pest on legume cultivation. *Coccinella transversalis* (Coleoptera; Coccinellidae) is one of the most efficient predatory lady bird beetles that controls *A. crassivora*. The reproductive capacity of *C. transversalis* varies on *A. crassivora* fed on different host species. Therefore, the research was conducted to evaluate the reproductive capacity of *C. transversalis* on *A. crassivora* (Order: Hemiptera) fed on different host legumes. The larvae of *C. transversalis* were fed with *A. crassivora* collected from three different legume hosts (T1: winged bean, T2: cowpea, T3: Bushita Ma) separately and reared in the laboratory. Six copulating pairs of *C. transversalis* from each treatment were introduced in to separate petri dishes for mating purpose. The number of eggs laid per batch and the number of eggs laid per day from different treatments were counted separately until the death of adults. The fecundity of female *C. transversalis* and the duration of egg laying with three different treatments were evaluated. The data were analyzed in the analysis of variance (ANOVA) at 95% confidence interval. The means were evaluated in LSD at 5% significant level. The average numbers of eggs per batch of *C. transversalis* were 13, 16, and 22 from T1 (winged bean), T2 (cowpea) and T3 (Bushita Ma) respectively. T3 (Bushita Ma) showed significant egg laying ability compared with T1 (winged bean) and T2 (cowpea) but between T1 and T2 was not significant. The average fecundity of *C. transversalis* on *A. crassivora* from T3 (363.00; Bushita Ma) was significant when compared with T1 (316.67; winged bean). Average egg laying durations were 24.3 days, 28.67 days and 32.33 days of T1, T2 and T3 respectively. T3 (*A. crassivora* from Bushita) showed significantly higher egg laying duration than T2 (*A. crassivora* from cowpea). The egg laying duration of T1 was significantly lower than the T2. The highest reproductive capacity was revealed by *C. transversalis* fed with *A. crassivora* on Bushita Ma (T3) in relation to the average fecundity, average number of eggs per batch and egg laying duration.