**Table 1.** Development of immature stages of *H. variegata* feeding on *A. gossypii* reared on cucumber plants amended with three vermicompost concentrations.

|  |  |  |  |
| --- | --- | --- | --- |
| Parameter | Vermicompost 0% | Vermicompost 15% | Vermicompost 30% |
| Egg incubation | 2.48±0.50a | 2.51±0.54a | 2.61±0.49a |
| First instar | 1.63±0.63a | 1.56±0.54a | 1.71±0.74a |
| Second instar | 1.59±0.57a | 1.85±0.65a | 1.79±0.45a |
| Third instar | 1.85±0.36a | 1.77±0.52a | 1.67±0.56a |
| Fourth instar | 2.07±0.38a | 1.92±0.40a | 1.55±0.61b |
| Total developmental time of larva | 7.15±0.53a | 7.10±0.59a | 6.71±0.63b |
| Pupal period | 3.78±0.42a | 3.81±0.44a | 4.18±0.63b |
| Immature stages | 13.48±0.85a | 13.44±0.71a | 13.51±0.84a |
| Survival rate% | 41 | 57.14 | 59 |

Differences among different vermicompost concentration were determined by Tukey test. In columns, mean values followed by the same letter are not significantly different (P > 0.05).