

A Life Table of *Spodoptera litura* Fabr. with Different Artificial Diets

Title	A Life Table of <i>Spodoptera litura</i> Fabr. with Different Artificial Diets
Author Order	2 of 3
Accreditation	
Abstract	<p>Abstract—Sustainable insect supply is a routine activity in research of pest control, experimental insecticide bioassay, entomopathogen, parasitoid, and nature of competitor. Armyworm (<i>Spodoptera litura</i> Fabr.) is one of the alternative test insect. A mass rearing method is required to provide high demands of <i>S. litura</i>. A life table of insect is regularly used to study several biological parameters including the net reproduction rate of population (R_0), the mean length of life period in one generation (T), reproduction potential value of one generation from a population (r_m), and the potential of a population to multiply in one generation (λ). The aim of this study were to assess the development time and reproduction potential of <i>S. litura</i> which different of artificial diets. Results showed that <i>S. litura</i> on artificial diet in recipe of Singh and Moore is $T = 29,90$, $R = 2692,33$, $r = 0,26$, $\lambda = 1,29$, r_m whereas artificial diet in recipe of Waldbauer et al. is $32,29$, $R = 891,99$, $r = 0,21$, $\lambda = 1,23$. r_m</p>
Publisher Name	Fakultas Kedokteran Hewan Universitas Gadjah Mada bekerjasama dengan PB PDHI
Publish Date	2014-03-13
Publish Year	2013
Doi	DOI: 10.22146/jsv.3801
Citation	
Source	Jurnal Sain Veteriner
Source Issue	Vol 31, No 2 (2013): DESEMBER
Source Page	
Url	https://journal.ugm.ac.id/jsv/article/view/3801/3707
Author	Dr Dra TRISNOWATI BUDI AMBARNINGRUM, M.Si