

P.09 - Demography of *Spodoptera littoralis* (Boisd.) (Lepidoptera: Noctuidae) on artificial diet

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This study investigated the demography of *Spodoptera littoralis* (Boisd.) (Lepidoptera: Noctuidae) kept on an artificial diet at 25 ± 2 °C, 65 ± 5 % RH and 16L: 8D in the laboratory. The related data has been analyzed based on an age-stage, two-sex life-table, to take both sexes and variable development into consideration. The intrinsic rate of increase (r), finite rate of increase (λ), net reproductive rate (R_0), gross reproductive rate (GRR), mean length of a generation (T), birth rate, survival rate, death rate and fecundity of *S. littoralis* kept on an artificial diet were estimated as $0.1084d^{-1}$, $1.1145d^{-1}$, 80.26 offspring, 190.4 offspring, 40.44d, 0.1219, 0.9926, 0.0074, and 276.76, respectively.