



Abono líquido e insecticidas para el control de Spodoptera frugiperda y rendimiento de maíz [

2022

text (article)

Analítica

. This study aims to determine the response of *Spodoptera frugiperda* and corn yield to the applications of bovine liquid fertilizer (Biol) mixed with biologic or synthetic insecticides. A complete randomized block design composed of eight treatments (control, Biol, Beauveria bassiana, Neem oil, Spinosad, Biol with *B. bassiana*, Biol with Neem oil, and Biol with Spinosad) was used. Data was analyzed by ANOVA and media comparisons by the Tukey method ($p \leq 0.05$). The lowest percentages of incidence of *S. frugiperda* were obtained with the application of Spinosad (20.40%) and Biol with Spinosad (12.87%), while the control had 65.86% of incidence ($p < 0.05$). The highest average corn yields were obtained with Neem oil, Biol, Biol with *B. bassiana*, and Biol with Neem oil, achieving 8.15, 7.97, 7.52, and 7.37 t ha⁻¹, respectively.

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