

Identificação de Fontes de Resistência em Cultivares de Milho à *Spodoptera frugiperda* (J. E. Smith, 1797) em Casa-de-Vegetação

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Abstract

Two experiments were conducted in a greenhouse, with the objective of identifying sources of resistance in 15 corn cultivars to *Spodoptera frugiperda*. The following cultivars were utilized CMS-35 , CMS-36, Dina-70, Cargill-525, Pioneer-3210, Pioneer-6875, BR-201, BR-451, AG-106, AG-510, CMS- 22, Contimax-322, BR-201, Jatinã C3 Anão, Cargill-511 e BR-106. When the plants had 8 to 10 leaves they were infested with 30 newly eclosed larvae per plant. Damage evaluation was made 10 to 14 days after infestation, in both experiments, using a visual note scale from 0 to 9. There were no statistical differences among cultivars for the parameters evaluated damage, weight, length and survival larvae. Nevertheless a significant linear correlation was found between weight x larvae length ($r = 0,7776$, $P = 0,01$), demonstrating that these parameters can be utilized in the study of corn resistance to *S. frugiperda*.