عنوان مقاله:

(Evalution of trichome density on tomato resistance aganist tomato leafminer Tuta absoluta (Lep :Gelechiidae

محل انتشار:

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خلاصه مقاله:

Tomato leaf miner, Tuta absoluta (Meyrick) (Lepidoptera: Gelechiidae), is the most important pest of the Solanaceae family and due to the fact that its preferred host is tomato, the economic importance of this pest is increased. The use of resistant cultivars is a suitable way to control the mentioned pest because this method can integrate with another control methods and decrease use of chemical pesticides. Leaf trichome density is a important defensive layer against this pest in different tomato cultivars. In this study, effectiveness trichome density of some tomato genotypes were evaluated on the number of larvae miners. Our result showed the genotypes had most of trichomes, the number of larvae miners was a low. Eshkol ۵۲-۸(۱) had most of trichome density and the larvae miners was a low. Content leaf trichomes is a resistance way for tomato and had negative effect on the number of larvae miners but the number of larvae miners alone can't be suitable method for evalution resistance.

کلمات کلیدی:

Tomato leaf miner, Tomato genotypes, Trichome density, Larvae miners, resistance

لینک ثابت مقاله در پایگاه سیویلیکا: