

研究简报

茄子叶片绒毛与侧多食跗线螨抗性的关系

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收稿日期 2006-1-5 修回日期 2006-10-25 网络版发布日期 接受日期

摘要 研究了27个茄子品种叶片绒毛对侧多食跗线螨(*Polyphagotarsonemus latus*)的田间种群密度、叶片为害指数、种群增长倍数的影响. 结果表明: 不同品种茄子叶片绒毛密度和长度存在一定差异; 同一品种叶片正面绒毛密度小于背面, 正面绒毛长度大于背面; 7个抗性较强品种叶片背面平均绒毛密度显著高于6个抗性较弱品种的平均绒毛密度. 茄子叶片背面绒毛密度越高, 螨的田间种群密度、叶片为害指数越低, 茄子的抗性越强.

关键词 [茄子](#) [叶片绒毛](#) [侧多食跗线螨](#) [抗性](#)

分类号

Relationships between eggplant leaf pubescent and its resistance to *Polyphagotarsonemus latus*

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Abstract

With 27 eggplant varieties as test objects, this paper studied the effects of their leaf pubescent on the field population density of *Polyphagotarsonemus latus*, its injury index on eggplant leaf, and population growth rate. The results showed that the density and length of leaf pubescent differed with eggplant varieties. For the same variety, leaf pubescence had a higher density but a shorter length on reverse side than on obverse side. Among the test varieties, 7 resistant varieties had a significantly higher mean pubescence density than 6 susceptible varieties on their reverse side leaf. The higher the pubescence density on reverse side eggplant leaf, the less field population density of *P. latus* and the lower injury index of eggplant leaf, suggesting a positive correlation between the pubescence density on reverse side eggplant leaf and the resistance of eggplant to *P. latus*.

Key words [eggplant](#) [leaf pubescence](#) [Polyphagotarsonemus latus](#) [resistance](#)

DOI:

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