

Influence of Organic and Inorganic Sources of Nutrients on the Incidence of Sucking Pests of Eggplant (*Solanum melongena* Linn.) and their Natural Enemies

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ABSTRACT

The relative influence of organic and inorganic sources of nutrients on the incidence of sucking pests was studied during 2008-09. Treatments viz., Neemcake 50% (@125 kg/ha) + RDF 50 % (NPK @ 50-30-30 Kg/ha), vermicompost 50% (@1500 kg/ha) + RDF 50 % (NPK @ 50-30-30 Kg/ha) and FYM 50% (@10000 kg/ha) + RDF 50 % (NPK @ 50-30-30 Kg/ha) recorded significantly lower population of sucking pests. The overall influence of various treatments revealed that the higher number of coccinellids per plant were recorded in the experimental plots applied with neemcake 50% + RDF 50% (6.49), vermicompost 50% + RDF 50% (5.73) and FYM 50%+RDF 50% (4.94) respectively compared to control plot (2.37). Whereas the higher spider populations were recorded in the plots applied with neemcake 50% + RDF 50% (6.96 spiders/plant).

Key words : *Amrasca biguttula biguttula*, *Bemisia tabaci*, Coccinellids, Spiders.