

Study of Thrips Associated with Pulses and Chillies Crop Ecosystems in Khammam District and their Identification

J Venkateswara Rao, V Ramasubba Rao, C Sandhya Rani and V Srinivasa Rao
Dept. of Entomology, Agricultural College, Bapatla 522 101, Andhra Pradesh

ABSTRACT

The present study is on thrips associated with pulses and chillies crop ecosystems in Khammam district and their identification. In the present study five species of thrips belonging to four genera of the family Thripidae were identified from different chillies & pulses crop ecosystems in different areas of Khammam district they are i) *Scirtothrips dorsalis* Hood on chillies, redgram, greengram and blackgram ii) *Thrips palmi* Karny on redgram and blackgram. Iii) *Thrips hawaiiensis* (Morgan) on redgram iv) *Frankliniella sulphurea* Schmutz on chillies v) *Megalurothrips usitatus* (Bagnall) on redgram. Among the above, the following two species have been recorded for the first time in Andhra Pradesh.

1. *Frankliniella sulphurea* Schmutz on chillies
2. *Thrips hawaiiensis* (Morgan) on redgram.

Key words : Chillies, *Frankliniella sulphurea*, Thrips, *Thrips hawaiiensis*.