

RESEARCH ARTICLE

# Seasonal abundance of onion thrips, *Thrips tabaci* lindeman

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## ABSTRACT

An experiment was conducted at University of Agricultural Sciences, Dharwad, Karnataka, India during 2009-2010, 2010-2011 and 2011-2012 to find out the thrips population attacking onion sowing at different dates to determine the optimum date(s) of sowing. There were twelve transplants in 2009-2010, sixteen transplants in 2010-2011 and 2011-2012. Results indicated that in 2009-10, November 1<sup>st</sup> transplanted seedlings had a peak population of onion thrips in protected (8.95 thrips/plant) as well as in unprotected plots (53.30 thrips/plant). Where as in 2010-11 and 2011-12, December 1<sup>st</sup> transplanted seedlings had a peak population of thrips. *i.e.* 10.75 thrips/plant in protected plot and 55.49 thrips/plant in unprotected plant (2010-11) and 11.58 thrips/plant in protected plot and 57.83 thrips/plant in unprotected plant (2011-12). The seedlings transplanted in *Rabi* season had peak thrips population compared to *Kharif* season transplanting dates. Therefore, the findings of this work revealed that onion thrip in Dharwad, Karnataka breed from November 1<sup>st</sup> to January 1<sup>st</sup> with a peak in December.

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