

Seasonal incidence of thrips (*Thrips tabaci*, Lind.) on onion in Khandesh region of Maharashtra

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ABSTRACT

Seasonal incidence of thrips on onion was evaluated in field trials at the instructional farm of Agricultural Entomology Section, College of Agriculture, Dhule during *Kharif* season of 2015-16. The data on average number of thrips per plant under field conditions along with weather parameters *viz.*, temperature (maximum and minimum), relative humidity (morning and evening) and rainfall are correlated. The infestation of thrips was first observed at 2nd week after transplanting in 38th SMW, with population of 1.6 thrips/plant. The population of thrips above 5 thrips /plant was noticed from 4th week of September *i.e.* 40th SMW onwards. The peak incidence of 19.1 thrips/plant was recorded in 46th SMW *i.e.* second week of November. The correlation of thrips with morning humidity (-0.7324)***, evening humidity (-0.7123)***and rainfall(-0.5820)*are negatively significant effect at 5 per cent and 1 per cent level with thrips.

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