

Screening of Certain Genotypes of Greengram (*Vigna radiate* (L.)) Against Thrips

K China Suribabu, C V Rama Rao, M S V Chalam and V Srinivasa Rao
Department of Entomology, Agricultural College, Bapatla 522 101, Andhra Pradesh

ABSTRACT

An experiment was conducted for screening of certain genotypes of greengram against *Thrips palmi*. The response of genotypes was observed in terms of thrips population and yield. The results indicated that the 96 genotypes were moderately preferred by thrips with the mean thrips population ranged between 2.3 and 3.7 / plant and yield ranged between 24.6 g /20 plants (IC 336736) to 66.59 g /20 plants (IC 39379). Forty five genotypes showed high preference to thrips with the mean thrips population ranged between 3.7 to 4.6 / plant and the yield varied from 17.67 g /20 plants (IC 324025) to 21.35 g / 20 plants (IC 325988). Nine genotypes showed very high preference to thrips. The mean thrips population ranged between >4.6 / plant and yields ranged between of 12.50 g / 20 plants (IC 39412) to 16.00 g / 20 plants (IC 369819). One genotype LGG 460 showed least preference to thrips with 2.4 of mean thrips population per plant and recorded highest yield of 60.00 g / 20 plants.

Key words : Genotypes, Greengram, Thrips, Population, Yield.