POPULATION DYNAMICS OF SORGHUM SHOOT FLY, *ATHERIGONA SOCCATA* (RONDANI) INFESTING SORGHUM

S.K. Yadav*, Bindu Panickar and D.B. Sisodiya

Department of Entomology, C.P. College of Agriculture, Sardar Krushinagar Dantiwada Agricultural University S.K. Nagar (Gujarat)

Email: sureshyadav511@gmail.com

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**Abstract:** The present investigation carried out at Sorghum Research Station, SDAU, Deesa, and Gujarat, to study the population dynamics, varietal screening of sorghum and management of shoot fly *A. soccata* during kharif 2012. The shoot fly incidence (1.52 eggs/plant) started from 7 days after germination (last week of July). The number of eggs per plant gradually increased with crop growth and maximum number of eggs *i.e.* 3.08/plant were observed after 21st days of germination (second week of August). Dead hearts due to shoot fly also started from 7 days after germination (last week of July) *i.e.* 8.15 per cent which increased with crop growth with maximum dead hearts (47.36%) and observed after 21st days of germination *i.e.* second week of August. It can be concluded that peak periods of shoot fly incidence and dead heart were from 21 days to 28 days after germination of the crop.

**Keywords:** Population, Sorghum, Shoot

**REFERENCES**


*Corresponding Author*