

## PERFORMANCE OF PARENTS OF SWEET POTATO FOR SEED PRODUCTION AT CHHATTISGARH

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**Abstract:** 24 (twenty four) crosses were made in Line x Tester design utilizing 6 Female and 4 Male parents of wide genetic base to ascertain the performance of parents for TSPS attributes. Among these crosses Indira Navin x Sree rethna for capsule set, Indira Navin x Gauri for seeds per capsule and IGSP-C-15 x Sree rethna for 100 seed weight were found promising. Parental lines Indira Madhur, Sree rethna and Gauri were good females and all four testers were good males for TSPS production.

**Keywords :** Performance, Potato, Production, Seed, Sweet

### REFERENCE

**Gaur, P.C. and Pandey, S.K.** (1990). Adoption of TSPS technology in India. In: *Commercial Adoption of True Potato Seed Technology-Prospects and Problem* (P.C.Gaur, Ed.),pp-7-10. Central Potato Research Institute, Shimla, India.

**Pandey, S.K. and Gupta, P.K.** (1995). Comparison of Andigena and Tuberosum for enhancing TSPS production. *J Indian Potato Assoc.* 22:122-28.

**Upadhyay, M.D., K.C., Thakur, Juneja, A. and Kadian, M.S.** (1984). True potato seed production: Flowering, quality and Economics. In: *Innovative methods for Propagating Potatoes*. International Potato Centre, Lima, Peru.pp.117-47.