

## **Performance of French bean genotypes (*Phaseolus vulgaris* L.) for seed yield and related traits under Varanasi conditions**

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**ABSTRACT :** To breed new and better cultivars, the breeder requires a comprehensive knowledge on variability existing in the germ plasms. The investigation was conducted to evaluate twenty one genotypes of French beans (*Phaseolus vulgaris* L.) for seed yield and related traits. The experiments were laid out in Randomized Complete Block Design with three replications. Based on crop characters genotype Swarna Priya was the most superior line for seed yield among all the genotypes, followed by Contender, VRF-BB1, and EC-592938, which was attributed due to high seed yield attributing characters such as number of primary branches per plant, number of pods per plant, number of seeds per pod and 100 seed weight.

**Key Words :** *Phaseolus vulgaris*, genotypes, seed yield, related traits.