STUDY OF POLLEN FERTILITY IN FIVE VARIETIES OF *IMPATIENS BALSAMINA*

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**Abstract:** *Impatiens* is a widely cultivated ornamental plant, belonging to family Balsaminaceae. Nearly 91% of Indian species of *Impatiens* are endemic. *Impatiens balsamina* L. also known as Gulmehndi is one of the popular species of North India. The present communication is an account of study of pollen fertility in different varieties of *Impatiens balsamina*. There was a statistically significant difference between varieties as determined by one way analysis of variance of pollen fertility indicates significant difference due to variety. The result showed that orange variety pollen fertility significantly highest from each of the other varieties and lowest in pink variety.

**Keywords:** Impatiens balsamina, Pollen fertility, varieties

**REFERENCES**


