

## MORPHOLOGICAL CHARACTERIZATION OF GLADIOLUS (*GLADIOLUS HYBRIDUS* HORT.) GERMPLASM

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**Abstract:** An experiment was conducted with 15 gladiolus cultivars at Horticultural Research Centre, SVPUAT, Meerut, UP, India during the year 2013-14. Results on different characteristics showed that cultivar Prabha gave the maximum plant height while cultivar Sylbia exhibited maximum number of leaves per plant, leaf length and leaf width. Maximum number of suckers per corm was noted with cultivar Aldebaran. Cultivar American Beauty showed maximum length of rachis and spike while cultivar Arka Gold produced maximum number of florets, flower diameter and weight of corm. However, minimum days required for visibility of spike and minimum days for opening of first flower noted in Punjab Glance and it was maximum observed with cultivar Prabha. Orange Ginger gave maximum number of spike and Aldebaran showed maximum diameter of corm and cormlets per plant whereas, highest number of corm was recorded in Pacific.

**Keywords:** Gladiolus, Evaluation, Genotypes, Performance, Morphological characterization

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