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Effect of Time of Planting and Growing Conditions on Growth Parameters in Gladiolus

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Abstract—*This experiment was conducted at the Precision Farming Development Center of Department of Horticulture, CCS Haryana Agriculture University, Hisar. The objectives of present investigation was to standardize the time of planting of gladiolus in North India and to study the effect of growing conditions on different growth parameters of gladiolus cultivar American Beauty. Planting of corms in October resulted into maximum percentage of sprouting of corms, number of leaves per plant, plant height and taken minimum number of days taken for corm sprouting, spike initiation, basal floret opening, last floret opening. Among the growing conditions shade net house was significantly superior to the open field condition in respect to percentage of sprouting, leaf area, plant height, days to spike initiation, days to basal floret opening, days to last floret opening.*

Keywords*: Gladiolus, American Beauty, Sprouting Percentage, Open Field*