

EFFECT OF PLANTING TIME AND SPACING ON FLOWERING CHARACTERS OF GLADIOLUS (C.V. RED BEAUTY)

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ABSTRACT : A field experiment was carried out during the year 2005-06 at the Chaudhary Charan Singh University, Meerut. The soil of the experimental field was sandy loam, rich in available nitrogen and phosphorus and poor in available potash. The treatments comprised seven dates of planting (August, September, October, November, December, January and February) and three-plant distance (20 x 20, 25 x 25 and 30 x 30 cm). Flower characters viz., day required for first visibility of spike, days required for opening of first flower on spike, diameter of spike, length of spike and number of spikes per plant were not affected significantly due to planting dates but higher values of these characters were recorded in November planted crop. Number of flowers per spike differed significantly due to dates and higher number of flowers per spike was recorded in November planted crop. Spacing of 30 x 30 cm had higher values of flower characters viz., number of flowers per spike, diameter of spike, length and number of spike. Days required for the visibility of first spike and for opening of first flower on spike were not affected significantly due to various spacing tried.

Key Words : Planting time, spacing, flowering characters and gladiolus.