



RESEARCH ARTICLE :

Evaluation of different cultivars of gerbera (*Gerbera jamesonii*) under naturally ventilated polyhouse in northern Telangana region

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SUMMARY : An experiment was conducted to evaluate four cultivars of gerbera (*Gerbera jamesonii* Bolus ex hooker F.) at the Horticulture Research Station, Dasnapur, Adilabad, Telangana for successful cultivation in this agro-climatic conditions. The cultivars viz., Julia, Marinella, Cocuy, and Lorina were evaluated under natural ventilated polyhouse conditions during 2009- 2012. After studying three consecutive years, it has been found that cv. JULIA recorded maximum plant height (27.06 cm), while greater plant-spread was recorded in cv. MARINELLA (39.27 cm). More number of leaves per plant was produced by cv. MARINELLA (35.44), though early flowering was recorded in cv. JULIA (65.61 days). Cultivar Julia (36.44) produced the longest stalk, while cv. MARINELLA recorded maximum number of cut-flowers (45.81), with highest vase life period (4.47 days). Therefore, among four different varieties of gerbera tested Marinella recorded maximum number of flowers /plant with highest vase life period under northern Telangana conditions.

KEY WORDS :

Gerbera, Julia, Marinella, Cocuy, Lorina, Polyhouse, Flower production

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