



RESEARCH ARTICLE :

Flower quality parameters and vase life studies of standard chrysanthemum cultivars (*Dendratherma grandiflora* Tzvelev) in polyhouse conditions

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SUMMARY : An experiment was conducted to evaluate the flowering and vase life performance of standard chrysanthemum cultivars in naturally ventilated polyhouse condition. Among five standard chrysanthemum cultivars Snow ball recorded maximum plant height (115.79 cm), early flower bud initiation (83.50 days), flower stalk length (96.72 cm), flower diameter (14.08 cm) whereas cv. CHANDRAMA recorded maximum flower stalk girth (11.20 mm) and weight of cut stem (156.99g). The maximum vase life (14.00 days) was observed by cv. GOLDEN YELLOW in vase life solution of sucrose (2 %) + 8HQC (500 ppm). The maximum fresh weight (76.53 g) was recorded by cv. CHANDRAMA on second day. Snow Ball recorded maximum (11.76 g) transpiration loss of water on day 1-2 whereas the maximum (9.48 g) water uptake was noted by cv. SNOW BALL on day 0-1 followed by Angel Pink (6.82 g).

KEY WORDS :

Standard chrysanthemum cultivars, NVPH, Flower characteristics, Vase life studies

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