



Research Paper

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Effect of pinching on growth and quality characters of china aster varieties

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ABSTRACT : A field experiment, on the effect of pinching on growth and quality characters of China aster varieties was conducted at farm of Horticulture Section, College of Agriculture, Nagpur, during the year 2010-11. The experiment consists of sixteen treatments of four China aster varieties with four pinching treatments and it was laid out in Factorial Randomized Block Design with three replications. The vegetative growth parameters in terms of plant height was recorded maximum in Phule Ganesh Purple variety under the control treatment of pinching. However, number of primary branches were recorded maximum in Phule Ganesh White variety with single pinching at 30 days after transplanting. Where as, spread of plant was found maximum in Phule Ganesh Pink under the treatment single pinching at 30 days after transplanting. Whereas, stem diameter of plant was maximum under the treatment single pinching at 30 days after transplanting and in Phule Ganesh White. The maximum weight of flower, diameter of the flower, longevity of intact flower, and vase life of flowers was found maximum in Phule Ganesh White variety and in control treatment. However, length of the pedicle was recorded maximum in Phule Ganesh Violet and under control treatment of pinching.

KEY WORDS : China aster, Height, Spread, Diameter, Vase life, Pinching

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