



Research Paper

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Effect of pinching of flowering and yield characters of china aster varieties

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ABSTRACT : A field experiment was undertaken to study the effect of pinching on flowering and yield characters of China aster varieties was conducted at farm of Horticulture Section, College of Agriculture, Nagpur, during the year 2010-11. The experiment consisted 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 flowering parameters in terms of days to first flower bud initiation, full opening of flower from bud initiation, and days to 50 per cent flowering were found earlier in Phule Ganesh White under the control treatment of pinching *i.e.* no pinching. Whereas, maximum flowering span was found in Phule Ganesh White as well as the treatment double pinching at 30 and 45 days after transplanting. The yield characters like number of flowers per plant, and flower yield per hectare were recorded maximum in Phule Ganesh White as well as under single pinching at 30 days after transplanting.

KEY WORDS : Flowering, Yield, Pinching, China aster varieties

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