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Optimization of planting stage and pinching level in carnation

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ABSTRACT : The experiment on the optimization of planting stage and pinching level in carnation was carried out with the different stages of day's old rooted cuttings and pinching level. The experimental combinations of the study with different days of rooted cuttings and single pinching at three different nodal point resulted in the optimizing the days and pinching level in carnation. This will directly have an impact on the ultimate productivity of the crop. The treatment T_8 with 30 day old rooted cuttings + single pinch at the 5th node proved to be the best in terms of number of flowers per plant (6.00, 8.30 and 5.40) and flower yield per sq.m. area (216.00, 298.80 and 194.40). The vegetative characters plant height, number of leaves per plant and laterals per plant, internodal length, quality characters *viz.*, length and girth of flower stalk, flower yield parameters and physiological characters all of which tends to increase in the overall production and quality of flower.

KEY WORDS : Carnation, Planting stage, Single pinching, Nodal level

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