

The Effect of Boron on Quantitative and Qualitative Characteristics on Carnation

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Carnation is one of the cutflowers which is extensively used in local and export markets. Because of high Biomass during growth, it needs to equilibrate in respect of macro and Micro elements. Stunting at carnation is usual in many greenhouses, which is accompanied with shortened internodes, thickening fragility of the upper portion of stems. The experiment was conducted observately in comparison with control. Boric acid at the rate of 40 kg hec⁻¹ was added to soil in last autumn. One month after, stunting and plants recovered and the boron deficiency symptoms were disappeared. It is recommended 40-50 kg. hec⁻¹ Boric acid based on soil testing be added to soil before planting.