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Influence of Low Temperature Treatment on Petal (Cultivar of *Eustoma grandiflorum*

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Artificial climate experiments were conducted to evaluate the effects low temperature treatment on petal coloring of picotee cultivar of EAfter pistil formation of the first flower bud, low temperature treatm the daytime temperature set at 20°C and the night temperature set a rate of the petal increased with increases in the duration of low temp 6 weeks. And the coloration rate increased when low temperature 1 soon as the pistil formation stage of the first flower bud. However, 2 was set at 30°C and the night temperature was set at 15°C during the formation of the first flower bud, the colored area of the petal was 1 2.9% of the flowers. In this case, the quality of cut flower was super flowers grown at consistently high temperatures throughout cultivati possibility that another factor besides the developmental stage of the in this phenomenon was suggested by the increasing petal coloration temperatures.

Key Words: coloration rate of the petal, petal formation, pistil for

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