

FLURPRIMIDOL FOLIAR SPRAYS CONTROL GROWTH OF FALL PANSIES

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Flurprimidol (0.38%; trademark Topflor) foliar sprays of 0 to 30 mg·L⁻¹ (year 1) and 0 to 15 mg·L⁻¹ (year 2) were applied to 'Majestic Giant Yellow Blotch' pansies for growth control. Flurprimidol has a high efficacy on pansies, with no further control of plant height at 22.7 mg·L⁻¹ or plant diameter at 16.1 mg·L⁻¹, based on linear-plateau analysis (year 1). A 5 mg·L⁻¹ flurprimidol application resulted in 28% shorter and 30% smaller diameter plants compared to the nontreated control (year 2). Because of the efficacy of flurprimidol on pansies, grower recommended concentrations would be between 2.5 and 7.5 mg·L⁻¹ for vigorous pansy cultivars such as 'Majestic Giant Yellow Blotch'.