

**PENGARUH KONSENTRASI ATONIK TERHADAP PERTUMBUHAN
SETEK BUNGA PUKUL DELAPAN (*Turnera subulata* J. E. Smith)**

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INTISARI

Penelitian dengan tujuan untuk mengetahui pengaruh konsentrasi atonik pada pertumbuhan setek bunga pukul delapan (*Turnera subulata* J. E. Smith) telah dilaksanakan di Green House, Kebun Percobaan Unit 1 Universitas Mercu Buana Yogyakarta, Dusun Kaliurang Kelurahan Argomulyo, Kecamatan Sedayu, Kabupaten Bantul. Penelitian ini dilaksanakan dari Januari - Maret 2019. Metode yang digunakan adalah Rancangan Acak Lengkap (RAL) dengan 4 perlakuan dan 3 ulangan. Perlakuan yang diujikan adalah (1) Kontrol (Tanpa atonik), (2) 0,2 ml atonik/l air, (3) 0,4 ml atonik/l air (4) 0,6 ml atonik/l air. Hasil penelitian ini menunjukkan bahwa perbedaan konsentrasi Atonik tidak menghasilkan pertumbuhan yang berbeda dari setek bunga pukul delapan.

Kata kunci : Atonik, bunga pukul delapan, *Turnera subulata* J. E. Smith, dan setek.

**THE INFLUENCE OF ATONIC CONCENTRATION ON GROWTH OF HOLY
ROSE (*Turnera subulata* J. E. Smith) CUTTING**

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ABSTRACT

Research with the aim to know the effect of atonic concentration on the growth of holy rose cuttings had been carried out in the Green House at the field station Unit 1 of University of Mercu Buana Yogyakarta, in Kaliurang Argomulyo village, Sedayu, Bantul. This study was performed from January to March 2019. This research method was used is the Randomised Complete Design (RCD) with four treatments and three replications. The tested treatment were (1) control (without Atonic), (2) 0.2 ml of atonic/L water, (3) 0.4 of ml atonic/L water and (4) 0.6 ml of atonic/L water. The results of this study indicated that the different of atonic concentration had no different effect on the growth of J. E. Smith cuttings.

Keywords: *atonic, holy rose, Turnera subulata J. E. Smith, and cuttings.*