

ABSTRAK
PENGARUH KONSENTRASI PUPUK ORGANIK ECO FARMING
TERHADAP PERTUMBUHAN DAN HASIL TANAMAN
SELEDRI (*Apium graveolens* L.)

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Seledri adalah tanaman yang banyak digunakan orang sebagai penyegar/penyedap masakan, misalnya bakmi, sup, bakso, sayur bening dan sebagainya. Seledri termasuk tanaman biji berkeping dua atau dikotil. Tujuan dari penelitian mengetahui pengaruh pemberian pupuk organik Eco Farming terhadap pertumbuhan dan hasil tanaman seledri dan mengetahui salah satu perlakuan pemberian pupuk organik Eco Farming yang menghasilkan hasil terbaik terhadap tanaman seledri. Rancangan percobaan dalam penelitian ini menggunakan rancangan acak kelompok (RAK) yang terdiri dari 5 perlakuan yaitu tanpa perlakuan, konsentrasi Eco Farming 1,33 cc/liter air, konsentrasi Eco Farming 2,33 cc/liter air, konsentrasi Eco Farming 3,33 cc/liter air dan konsentrasi Eco Farming 4,33 cc/liter air yang diulang sebanyak 5 kali, sehingga terdapat 20 unit percobaan. Data pengamatan analisis of varian (anova). Hasil penelitian menunjukkan bahwa perlakuan pupuk organik Eco Farming berpengaruh nyata pada tinggi tanaman, jumlah tangkai daun, stomata dan berat segar tanaman nilai tertinggi dengan konsentrasi Eco Farming 4,33 cc/liter air dan yang rendah tanpa pupuk. Kesimpulan sebaiknya penelitian lebih lanjut pada berbagai tanaman dengan menggunakan pupuk organik Eco Farming.

Kata kunci : Eco Farming, Seledri dan Pertumbuhan.

ABSTRACT
EFFECT OF ECO FARMING ORGANIC FERTILIZER
CONCENTRATION ON PLANT GROWTH AND PRODUCT
Scelery (*Apium graveolens* L.)

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Celery is a plant that is widely used by people as a food freshener/flavour, for example noodles, soup, meatballs, clear vegetables and so on. Celery is a dicot or dicot seed plant. The purpose of the study was to determine the effect of Eco Farming organic fertilizer application on the growth and yield of celery plants and to find out one of the treatments for Eco Farming organic fertilizer application that produced the best results for celery plants. The experimental design in this study used a randomized block design (RAK) consisting of 5 treatments, namely no treatment, Eco Farming concentration 1.33 cc/liter water, Eco Farming concentration 2.33 cc/liter water, Eco Farming concentration 3.33 cc /liter of water and Eco Farming concentration of 4.33 cc/liter of water which was repeated 5 times, so there were 20 experimental units. Observational data analysis of variance (ANOVA). The results showed that Eco Farming organic fertilizer treatment had a significant effect on plant height, number of petioles, stomata and plant fresh weight, the highest value with Eco Farming concentration was 4.33 cc/liter of water and the lowest was without fertilizer. The conclusion should be further research on various plants using Eco Farming organic fertilizers.

Keywords: Eco Farming, Celery and Growth.