

ABSTRAK

Penelitian ini berjudul “ Pengaruh pemberian Biourine Sapi Pada Sistem Hidroponik Wick Terhadap Pertumbuhan Dan Hasil Tanaman Seledri (*Apium graveolens*)’’. Tujuan dilakukan penelitian ini adalah untuk mengetahui pengaruh dan kadar konsentrasi pemberian biourine sapi pada system hidroponik terhadap pertumbuhan dan hasil tanamn seledri. Penelitian ini dilakuakan selama 3 bulan dimulai dari januari sampai April 2022. Penelitian ini dilaksanakan dilahan kantor BPTP (Balai Pengkajian Teknologi Pertanian) yang berlokasi di pedungan, Denpasar selatan. Metode yang digunakan dalam penelitian ini adalah metode Rancangan Acak Kelompok (RAK) dengan enem perlakuan yang diulang sebanyak empat kali. Berdasarkan hasil uji BNT taraf 5% menyimpulkan bahwa pemberian biourine sapi berpengaruh sangat nyata terhadap pertumbuhan tanaman seledri. Perlakuan konsentrasi 300 ml biourine sapi mampu memberikan pertumbuhan tanaman seledri lebih baik dari pada tanpa perlakuan maupun konsentrasi lainnya.

Kata kunci : Biourine sapi, system hidroponik, seledri



ABSTRACT

The title of this research is "The Effect of Cattle Biourine on the Wick Hydroponic System on the Growth and Yield of Celery (*Apium gravoelens*)". The purpose of this study was to determine the effect and concentration levels of cow biourine in a hydroponic system on the growth and yield of celery plants. This research was carried out for 3 months starting from January to April 2022. This research was carried out at the BPTP office (Agricultural Technology Study Center) located in Pedungan, South Denpasar. The method used in this study was a Randomized Block Design (RAK) method with enem treatments which were repeated four times. Based on the results of the BNT test at 5% level, it was concluded that the administration of cow biourine had a very significant effect on the growth of celery plants. Treatment with a concentration of 300 ml of cow biourine was able to give celery plant growth better than without treatment or other concentrations.

Keywords: Cow biourine, hydroponic system, celery

