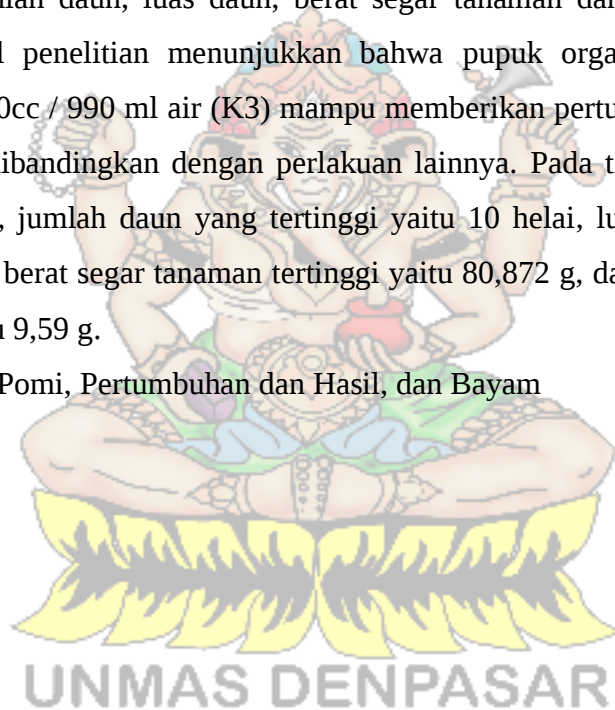


ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh konsentrasi pupuk organik cair pome terhadap pertumbuhan dan hasil pada tanaman bayam. Penelitian ini menggunakan Rancangan Acak Kelompok dengan 6 perlakuan pupuk organik cair pome (5cc, 7,5cc, 10cc, 12,5cc, dan 15cc) yang diulang sebanyak 4 kali sehingga mendapatkan 24 perlakuan. Berdasarkan hasil Analisis statistik pengaruh konsentrasi pemberian pupuk organik cair pome terhadap pertumbuhan dan hasil pada tanaman bayam menunjukkan adanya pengaruh yang sangat nyata terhadap parameter tinggi tanaman, jumlah daun, luas daun, berat segar tanaman dan berat kering tanaman bayam. Hasil penelitian menunjukkan bahwa pupuk organik cair pome dengan konsentrasi 10cc / 990 ml air (K3) mampu memberikan pertumbuhan dan hasil yang paling baik dibandingkan dengan perlakuan lainnya. Pada tinggi tanaman tertinggi yaitu 46,7cm, jumlah daun yang tertinggi yaitu 10 helai, luas daun tertinggi yaitu 827,422 cm², berat segar tanaman tertinggi yaitu 80,872 g, dan berat kering tanaman tertinggi yaitu 9,59 g.

Kata Kunci : Pome, Pertumbuhan dan Hasil, dan Bayam



ABSTRACT

The research aims to determine the effect of the concentration of POMI liquid organic fertilizer on the growth and yield of spinach plants. This study used a randomized block design with 6 treatments of POMI liquid organic fertilizer (5cc, 7.5cc, 10cc, 12.5cc, and 15cc) which were repeated 4 times to get 24 treatments. Based on the results of statistical analysis of the effect of the concentration of POMI liquid organic fertilizer on growth and yield of spinach plants, it was shown that there was a very significant effect on the parameters of plant height, number of leaves, leaf area, plant fresh weight and dry weight of spinach plants. The results showed that POMI liquid organic fertilizer with a concentration of 10cc / 990 ml of water (K3) was able to provide the best growth and yield compared to other treatments. The highest plant height was 46.7 cm, the highest number of leaves was 10, the highest leaf area was 827.422 cm², the highest plant fresh weight was 80.872 g, and the highest plant dry weight was 9.59 g.

Keywords : Pomi, Growth and Yield, and spinach

