ABSTRAK

PENGARUH KOMBINASI PUPUK ORGANIK CAIR SAMPAH PASAR DAN PUPUK NPK TERHADAP PERTUMBUHAN DAN HASIL TANAMAN SELADA (*Lactuca sativa* L.)

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Penelitian ini bertujuan untuk mengetahui pengaruh kombinasi konsentrasi pupuk organik cair sampah pasar dan dosis pupuk NPK terhadap pertumbuhan dan hasil tanaman selada (*Lactuca sativa* l.). penelitian telah dilaksanakan pada bulan Juni sampai Agustus 2019 di Kelurahan Sumelap, Kecamatan Tamansari, Kota Tasikmalaya, ketinggian tempat ± 350 m di atas permukaan laut dan pH tanah 6,5. Penelitian ini menggunakan Rancangan Acak Kelompok (RAK) yang terdiri dari 7 perlakuan dan 4 ulangan. Perlakuan pupuk organik sampah pasar dan NPK terdiri dari: p0 = tanpa pupuk organik sampah pasar dan tanpa NPK, p1 = pupuk organik sampah pasar 10 ml/L air dan NPK 1,127 gram/polybag, p2 = pupuk organik sampah pasar 10 ml/L air dan NPK 2,255 gram/polybag, p3 = pupuk organik sampah pasar 20 ml/L air dan NPK 1,127 gram/polybag, p4 = pupuk organik sampah pasar 20 ml/L air dan NPK 2,255 gram/polybag, p5 = pupuk organik sampah pasar 30 ml/L air dan NPK 1,127 gram/polybag, p6 = pupuk organik sampah pasar 30 ml/L air dan NPK 2,255 gram/polybag. Hasil penelitian menunjukkan bahwa kombinasi pupuk organik cair sampah pasar dan NPK tidak berpengaruh terhadap tinggi tanaman, jumlah daun, luas daun, bobot total per polybag (gram), bobot total per plot.

Kata kunci : Pupuk Organik Cair, NPK, Selada.

ABSTRACT

THE EFFECT OF A COMBINATION OF ORGANIC LIQUID FERTILIZER OF MARKET WASTE AND NPK FERTILIZER ON THE GROWTH AND YIELD OF LETTUCE (*Lactuca sativa.* L*)*

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This research aimed to determine the effect of a combination of market organic liquid fertilizer concentration and NPK fertilizer dosage on the growth and yield of lettuce *(Lactuca sativa l.)*. The research has been carried out in June to August 2019 in Sumelap Village, Tamansari Subdistrict, Tasikmalaya City, altitude ± 350 m above sea level and soil pH of 6.5. This study used a randomized block design (RBD) consisting of 7 treatments and 4 replications. The treatment of organic liquid fertilizer of market waste and NPK consists of: p0 = without organic liquid fertilizer of market waste and without NPK, p1 = organic liquid fertilizer of market waste 10 ml/L water and NPK 1,127 gram /polybag, p2 = organic liquid fertilizer of market waste 10 ml/L water and NPK 2,255 gram /polybag, p3 = organic liquid fertilizer of market waste 20 ml/L water and NPK 1,127 gram /polybag, p4 = organic liquid fertilizer of market waste 20 ml/L water and NPK 2,255 gram /polybag, p5 = organic liquid fertilizer of market waste 30 ml/L water and NPK 1,127 gram /polybag, p6 = organic liquid fertilizer of market waste 30 ml/L water and NPK 2,255 gram /polybag. The results showed that the combination of liquid organic fertilizer market waste and NPK had no effect on plant height, number of leaves, leaf area, total weight per polybag (grams), total weight per plot.

Key word : Organic Liquid Fertilizer, NPK, Lettuce.