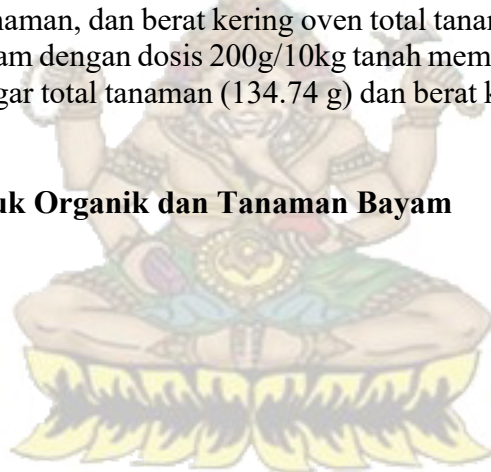


ABSTRAK

Penelitian ini yang berjudul “Pengaruh Beberapa Jenis Pupuk Organik Terhadap Pertumbuhan dan Hasil Tanaman Bayam (*Amaranthus sp.*)”. Tujuan dilakukan penelitian ini untuk mengetahui pengaruh pemberian beberapa jenis pupuk organik terhadap pertumbuhan hasil tanaman bayam dan mengetahui jenis pupuk organik dengan hasil terbaik. Penelitian ini dilakukan selama 2 bulan dimulai dari 14 September sampai 24 November 2022. Penelitian ini dilaksanakan di Balai Pengkajian Teknologi Pertanian (BPTP) Bali, JL. By Pass Ngurah Rai, Pesanggaran, Denpasar Selatan. Metode yang digunakan penelitian ini menggunakan rancangan acak kelompok (RAK) dengan enam (6) perlakuan, diulang sebanyak empat kali (4), sehingga terdapat 24 polibag. Perlakuan yang digunakan yaitu tanpa pupuk organik (P0), pupuk organik kompos (P1), pupuk organik kascing (P2), pupuk organik kotoran ayam (P3), pupuk organik kotoran sapi (P4), pupuk organik kotoran kambing (P5). Berdasarkan hasil penelitian menunjukkan bahwa pemberian beberapa jenis pupuk organik memberikan pengaruh sangat nyata terhadap parameter tinggi tanaman, jumlah daun, luas daun, berat segar total tanaman, dan berat kering oven total tanaman dan perlakuan pupuk organik kotoran ayam dengan dosis 200g/10kg tanah memberikan pertumbuhan dan hasil yaitu berat segar total tanaman (134.74 g) dan berat kering oven total tanaman (13.69 g)

Kata kunci : Pupuk Organik dan Tanaman Bayam



UNMAS DENPASAR

ABSTRACT

The study, entitled "the effect of some types of organic fertilizer on the growth and production of spinach (*Amaranthus sp.*). " The purpose of this study is to know the effects that some organic fertilizers have on the growth of spinach products and know the best. The study ran from September 14 to November 24, 2022. The study was conducted at the Balai Pengkajian Teknologi Pertanian (BPTP), JL. By Pass Ngurah Rai, Pesanggaran, Denpasar Selatan. The method used in the study USES a random group design (rack) with six (6) treatments, repeated four times (4), thus showing 24 polybags. Treatment is without organic fertilizer (P0), organic compost (P1), organic vermingcompost (P2), organic manure chicken (P3), organic manure cow (P4), and goat dung (P5). Research shows that the presentation of some kinds of organic fertilizer has an especially tangible effect on the high requirements of the plants, the number of leaves, the extent of the leaf, the total fresh weight of the plant, and the dry weight of the total plant manure and the treatment of 200g/10kg of soil provides growth and that is the total fresh weight of the plant (134.74 g) and the dry weight of the total plant (13.69 g).

Keywords : organic fertilizer and cultivation of Spinach

