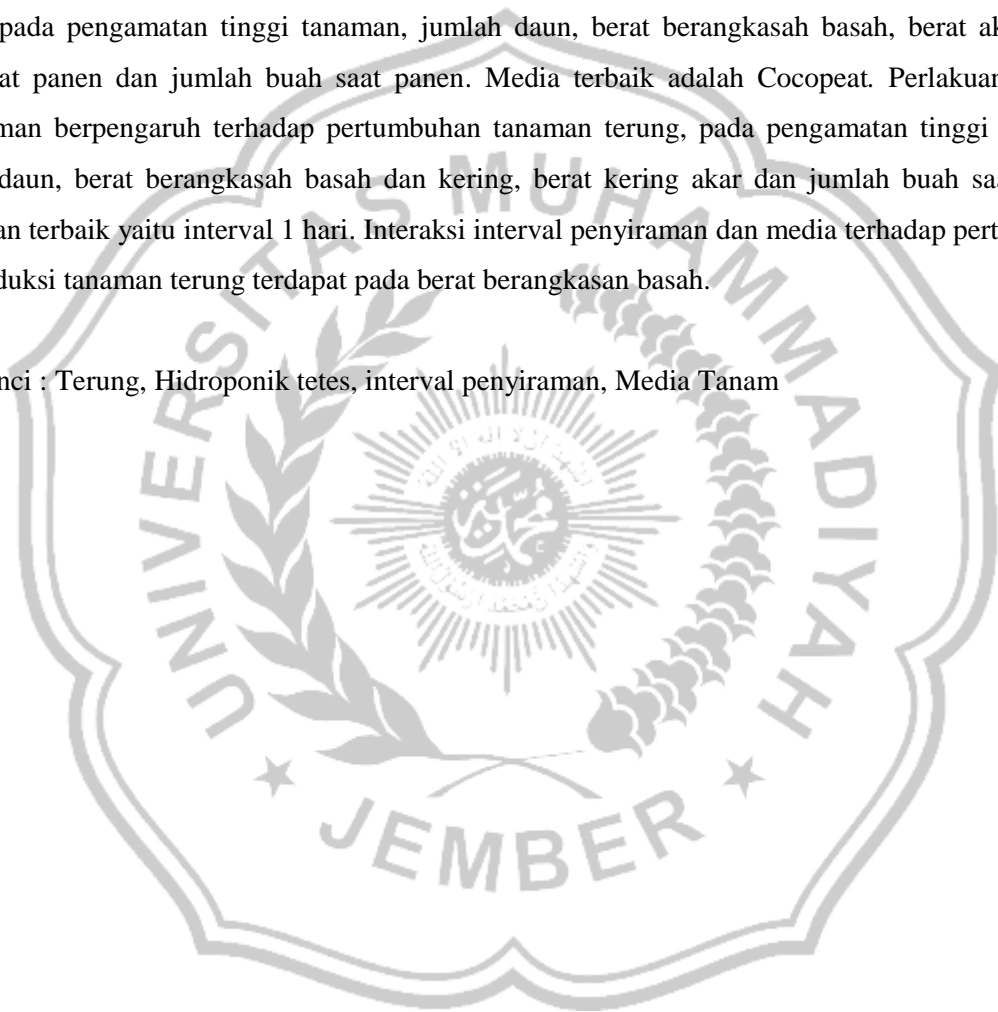


ABSTRAK

Penelitian ini bertujuan untuk mengetahui pengaruh pertumbuhan dan produksi tanaman terung terhadap interval penyiraman dan beberapa media tanam pada sistem tetes. Penelitian ini menggunakan rancangan acak lengkap (RAL) yang disusun split plot terdiri dari dua faktor (3x3) factor utama Interval waktu (N) sebagai petak utama terdiri dari tiga taraf : N1 = Interval 1 hari, N2 = Interval 3 hari, N3 = Interval 5 hari dan faktor kedua perlakuan Media Tanam (M) sebagai anak petak yang terdiri dari tiga taraf : M1 = Cocopeat M2 = Arang Kayu M3 = Pecahan Batu Bata, yang masing-masing diulang tiga kali. Perlakuan Media berpengaruh terhadap pertumbuhan tanaman terung, pada pengamatan tinggi tanaman, jumlah daun, berat berangkasan basah, berat akar, berat buah saat panen dan jumlah buah saat panen. Media terbaik adalah Cocopeat. Perlakuan interval penyiraman berpengaruh terhadap pertumbuhan tanaman terung, pada pengamatan tinggi tanaman, jumlah daun, berat berangkasan basah dan kering, berat kering akar dan jumlah buah saat panen. Perlakuan terbaik yaitu interval 1 hari. Interaksi interval penyiraman dan media terhadap pertumbuhan dan produksi tanaman terung terdapat pada berat berangkasan basah.

Kata kunci : Terung, Hidroponik tetes, interval penyiraman, Media Tanam



ABSTRACT

This study aims to determine the effect of eggplant growth and production on watering intervals and some planting media in the drip system. This study used a completely randomized design (CRD) which was arranged in a split plot consisting of two factors (3x3) main factors Time interval (N) as the main plot consisted of three levels: N1 = 1 day interval, N2 = 3 day interval, N3 = Interval 5 days and the second factor was Planting Media (M) treatment as sub-plots consisting of three levels: M1 = Cocopeat M2 = Wood Charcoal M3 = Broken Bricks, each of which was repeated three times. Media treatment affects the growth of eggplant plants, by observing plant height, number of leaves, weight of wet leaves, weight of roots, weight of fruit at harvest and number of fruit at harvest. The best medium is Cocopeat. The watering interval treatment affected the growth of eggplant plants, by observing plant height, number of leaves, weight of wet and dry leaves, dry weight of roots and number of fruits at harvest. The best treatment is 1 day interval. The interaction of watering intervals and media on eggplant growth and production was found in the weight of the wet plant.

Key words : Eggplant, hydroponic drops, watering interval, Planting Media

