

**PENGARUH DOSIS PUPUK ORGANIK LIMBAH KULIT BIJI KOPI  
TERHADAP PERTUMBUHAN DAN HASIL TERUNG UNGU**

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**INTISARI**

Penelitian ini bertujuan untuk mengetahui pengaruh dosis pupuk organik limbah kulit biji kopi terhadap pertumbuhan dan hasil terung ungu. Penelitian ini telah dilaksanakan di Wedomartani, Ngemplak, Sleman, Yogyakarta, dengan ketinggian tempat 300 meter diatas permukaan laut. Penelitian ini dilaksanakan pada bulan Juli – September 2020. Penelitian ini merupakan percobaan faktor tunggal yang disusun dalam Rancangan Acak Lengkap (RAL) dengan tiga ulangan. Perlakuan yang dimaksud adalah dosis limbah kulit biji kopi yang terdiri dari 4 perlakuan dengan 3 kali ulangan sehingga diperoleh 12 satuan percobaan dengan 10 tanaman. Untuk setiap perlakuan sehingga di perlukan 120 tanaman. Perlakuan terdiri dari pupuk NPK 125 g, pupuk organik kulit biji kopi 30 g, 60 g, dan 90 g pertanaman meliputi tinggi tanaman, jumlah cabang, volume akar, jumlah daun, bobot segar tanaman, bobot kering tanaman, jumlah buah per panen tanaman sample, jumlah buah total, diameter buah per panen tanaman sample, panjang buah per panen tanaman sample, bobot buah per panen tanaman sample, bobot buah total. Hasil penelitian ini menunjukkan bahwa pengaruh nyata perlakuan pupuk organik limbah kulit biji kopi terhadap jumlah daun dan jumlah total buah per panen dan bobot buah total. Pemberian pupuk organik limbah kulit biji kopi 90 g memberikan hasil terbaik dibandingkan perlakuan lainnya.

*Kata Kunci: Terung, kopi, Dosis*

Mengetahui,  
Pembimbing Skripsi



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# **EFFECT OF THE DOSE OF COFFEE CARPIUM WASTE ORGANIC FERTILIZER ON THE GROWTH AND YIELD OF PURPLE EGGPLANT**

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## **ABSTRACT**

This study was determine the effect of the dose of coffee carpium waste organic fertilizer on the growth and yield of purple eggplant. This research was conducted in Wedomartani, Ngemplak, Sleman, Yogyakarta, with an altitude of 300 meters above sea level. This research was conducted in July - September 2020. This study was a single factor experiment arranged in a completely randomized design (CRD) with three replications. The treatment was the dose of husk wasting of coffee bean consist of 4 treatments with 3 replications and the result is 12 experimental are obtained with 1 plot consist of 10 plants. The total of 120 plants consisting of 125 g of NPK fertilizer, 30 g, 60 g, and 90 g of coffee carpium waste organic fertilizer. The variables observed included plant height, number of branches, volume of roots, number of leaves, fresh weight of plant, dry weight of plant, number of fruit per harvest of sample plant, fruit's diameter per crop of sample plant, length of fruit per harvest of sample plant, weight of fruit per harvest of plant. sample, total fruit weight. The results of this study indicated that there was a significant effect of organic fertilizer treatment on coffee carpium waste. The quantity of leaves and the quantity of fruits per harvest and the total fruit weight. The application of organic fertilizer for husk wasting of coffee bean 90 g gave the best results compared to other treatments.

**Keywords:** Eggplant, coffee, dosage

Mengetahui,  
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