

**Pengaruh Pemberian Pupuk Kandang Ayam Dan Urea Terhadap
Pertumbuhan Dan Hasil Tanaman Selada (*Lactuca Sativa* .L) Varietas New
Grand Rapid**

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ABSTRAK

Suatu penelitian untuk mengetahui pengaruh perlakuan pemberian pupuk kandang ayam dan pupuk Urea terhadap pertumbuhan dan hasil tanaman selada, ditinjau dari interaksi antar perlakuan dan pengaruh dari masing-masing perlakuan tersebut. Penelitian ini dilakukan, di Dusun Kwangen, Desa Argomulyo, Cangkringan, Sleman, D. I Yogyakarta. penelitian ini menggunakan Rancangan Acak Kelompok Lengkap (RAKL) yang menerapkan faktor. Faktor I pupuk kandang ayam (15, 20, 25) ton /ha. Faktor ke II pupuk urea (150, 220, 290, 360) kg/ha. Dari kedua faktor tersebut terdapat 12 kombinasi perlakuan yang diulang tiga kali. Jumlah tanaman dalam setiap kombinasi perlakuan adalah 32 sehingga total tanaman 1.152 tanaman. Data hasil pengamatan dianalisis keragamannya pada jenjang nyata 5%, Untuk mengetahui perbedaan pengaruh antar perlakuan dilakukan uji lanjut DMRT (*Duncan Multiple Range Test*) pada jenjang nyata 5%. Parameter dalam penelitian ini adalah tinggi tanaman (cm), jumlah daun (helai), bobot segar per tanaman (g), bobot konsumsi (g), bobot per petak (g), dan bobot per hektar (ton). Hasil penelitian menunjukkan pupuk kandang ayam tidak berpengaruh nyata terhadap tinggi tanaman, jumlah daun bobot segar per tanaman, bobot konsumsi, bobot per petak, bobot per hektar. Pemberian pupuk urea dosis 290 kg/ha menghasilkan rerata terbaik pada parameter tinggi tanaman, jumlah daun umur 28 hst, bobot segar per tanaman, bobot konsumsi, bobot per petak, bobot per hektar.

Kata kunci : Selada, Pupuk Kandang Ayam, Urea

**The Effect of Chicken Manure and Urea On Growth and Yield of Lettuce
(Lactuca Sativa .L) Plants Varieties The New Grand Rapid**

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ABSTRACT

A study to determine the effect of the treatment of chicken manure and urea fertilizer on the growth and yield of lettuce, in terms of the interaction between treatments and the influence of each treatment. This research was conducted in Kwangen Hamlet, Argomulyo Village, Cangkringan, Sleman, D. I Yogyakarta. this study uses a Complete Randomized Block Design (RCBD) which applies factors. Factor I for chicken manure (15, 20, 25) tons / ha. The second factor is urea fertilizer (150, 220, 290, 360) kg / ha. Of these two factors, there were 12 treatment combinations repeated three times. The number of plants in each treatment combination was 32 so that the total plant was 1,152 plants. Observation data were analyzed for diversity at a real level of 5%. To find out the differences in effects between treatments, DMRT (Duncan Multiple Range Test) continued at 5% real level. Parameters in this study were plant height (cm), number of leaves (strands), fresh weight per plant (g), consumption weight (g), weight per plot (g), and weight per hectare (tonnes). The results showed that chicken manure had no significant effect on plant height, number of fresh weight leaves per plant, consumption weight, weight per plot, weight per hectare. The administration of urea fertilizer with a dose of 290 kg / ha resulted in the best average parameters of plant height, number of leaves aged 28 days, fresh weight per plant, consumption weight, weight per plot, weight per hectare.

Keywords: Lettuce, Chicken Cage Fertilizer, Urea