

**RESPON PERTUMBUHAN DAN HASIL JEWAWUT (*Setaria  
italica*) TERHADAP APLIKASI PUPUK ORGANIK DAN ANORGANIK  
DI BAWAH TEGAKAN JATI**

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**INTISARI**

Penelitian kali ini bertujuan untuk mengetahui pertumbuhan dan hasil Jewawut di bawah tegakan jati, Penelitian kali ini menggunakan Rancang Acak Kelompok Lengkap (RAKL) dengan 3 perlakuan dan 3 ulangan sehingga diperoleh 9 unit percobaan. Perlakuan yang diberikan yaitu pupuk organik 20 ton/ha, pupuk anorganik 200 kg/ha dan pupuk organik 10 ton/ha kombinasi pupuk anorganik 100 kg/ha. Dilaksanakan mulai September 2020 sampai Desember 2020 di Sedayu, Bantul. Hasil penelitian menunjukkan bahwa pemberian perlakuan berbeda tidak nyata dari setiap variabel pengamatan, baik variabel pertumbuhan maupun variabel hasil. Hal ini disebabkan karena adanya kurang intensitas cahaya matahari.

Kata kunci : Jewawut, Tegakan jati, Pupuk organik, pupuk anorganik.

**THE GROWTH AND YIELD RESPONSES OF FOXTAIL MILLET  
(*Setaria italica*) TO ORGANIC AND INORGANIC FERTILIZERS  
UNDER TEAK STAND**

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**ABSTRACT**

This research aims to see the growth and yield of foxtail millet under teak stand. This research used a *Rancang Acak Kelompok Lengkap (RAKL)* with 3 treatments and 3 replications in order to obtain 9 experimental units. The treatments given were organic fertilizer 20 tons / ha, anorganic fertilizer 200 kg / ha and organic fertilizer 10 tons / ha, a combination of 100 kg / ha anorganic fertilizer. This research was conducted from September 2020 to December 2020 in Sedayu, Bantul. The results showed that the treatment was not significantly different from each of the observed variables, the growth of the variables and the outcome variables. This is due to the lack of sunlight intensity.

Keywords: foxtail millet, under teak stand, organic fertilizers, anorganic fertilizers.