

INTISARI

Fajar Yulianto. 91711407132007. "Pengaruh Pemberian Pupuk Abu Janjang Sawit Terhadap Pertumbuhan dan Produksi Rumput Odot (*pennisetum purpureum cv.Mott*)" dibawah bimbingan Uti Nopriani.SP.,M.Si dan Panji.B.Lakiu,S.Pt.,M.Si.

Abu Janjang Sawit adalah produk pupuk yang terbuat dari hasil pembakaran tandan kosong kelapa sawit atau janjang sawit. Abu janjang sawit dapat menjadi sebuah pupuk karena memiliki unsur hara N,P,K unsur ini di butuhkan bagi tanaman untuk membentuk satu protein. Penelitian ini bertujuan untuk mengetahui pengaruh pemberian abu janjang sawit terhadap pertumbuhan dan produksi rumput odot.

Penelitian menggunakan metode rancangan acak lengkap (RAL) dengan 5 perlakuan yaitu 5 tanpa dosis abu janjang sawit, penambahan dosis abu janjang sawit sebanyak 40 gr pupuk/8 kg tanah, penambahan dosis abu janjang sawit sebanyak 60 gr pupuk/8 kg tanah, penambahan abu janjang sawit sebanyak 80 gr pupuk/8 kg tanah, penambahan abu janjang sawit sebanyak 100 gr pupuk/8 kg tanah. setiap perlakuan memiliki 3 ulangan.

Hasil penelitian menunjukkan bahwa pemberian abu janjang sawit dengan dosis yang berbeda berpengaruh nyata ($P < 0,05$) terhadap panjang daun rumput odot, lebar daun rumput odot, jumlah daun rumput odot, berat segar dan berat kering.

Kata Kunci : *Abu Janjang Sawit, Pertumbuhan, Produksi, Rumput odot.*



ABSTRACT

Fajar Yulianto, 91711407132007 "The Effect of Palm Ash Fertilizer on Growth and Production of Odot Grass (*pennisetum purpureum cv.Mott*)" Supervised by Uti Nopriani, SP., M.Si and Panji.B.Lakiu, S.Pt., M.Si.

Palm ash is a fertilizer product made from burning empty fruit bunches of oil palm or palm kernels. Palm ash can be used as fertilizer because it has N, P, K nutrients, these elements are needed for plants to form a protein. This study aims to find out the effect of giving palm ash to the growth and production of odot grass.

The study used a completely randomized design method (CRD) with 5 treatments, namely 5 without a dose of palm ash, increasing the dose of palm ash as much as 40 g of fertilizer/8 kg of soil, adding a dose of 60 g of palm ash (8 kg of soil), adding ash. Palm kernels as much as 80 grams of fertilizer / 8 kg of soil, the addition of oil palm ash as much as 100 grams of fertilizer / 8 kg of soil. Each treatment had 3 replications.

The results obtained that the administration of palm ash with different doses had a significant effect ($P < 0.05$) on the length of the leaves of odot grass, the width of the leaves of odot grass, the number of leaves of odot grass, fresh weight and dry weight.

Keywords: Palm Ash, Growth, Production, Toothpaste Grass.