

ABSTRAK

PENGARUH VARIETAS DAN JARAK TANAM YANG BERBEDA TERHADAP TINGGI TANAMAN, LEBAR DAUN, DAN PROPORSI BATANG DAN DAUN PADA HIJAUAN JAGUNG

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Penelitian ini bertujuan untuk mengetahui interaksi antara varietas dan jarak tanam yang berbeda terhadap tinggi tanaman, lebar daun, dan proporsi batang dan daun hijauan jagung. Penelitian ini dilaksanakan pada Desember 2018 hingga Juni 2019 di Lahan Laboratorium Lapang Terpadu, Jurusan Peternakan, Fakultas Pertanian, Universitas Lampung. Penelitian ini menggunakan Rancangan Acak Kelompok Faktorial (RAKF) dua faktor. Faktor pertama berupa varietas yang meliputi A, B, dan C. Faktor yang kedua berupa jarak tanam yang meliputi: 60 x 20 cm dan 80 x 20 cm. Setiap unit perlakuan percobaan berupa petak berukuran 2,6 x 2,0 m². Setiap unit percobaan dibagi sebanyak 3 kelompok, sehingga terdapat 18 unit percobaan. Data yang diperoleh dianalisis ragam pada taraf nyata serta dilanjutkan dengan uji Duncan 5%. Hasil penelitian menunjukkan bahwa tidak terdapat interaksi antara varietas dan jarak tanam terhadap tinggi tanaman, lebar daun, dan proporsi batang daun pada hijauan jagung ($P > 0,05$). Varietas berpengaruh nyata ($P < 0,05$) terhadap tinggi tanaman, namun tidak berpengaruh nyata ($P > 0,05$) terhadap lebar daun dan proporsi batang dan daun pada hijauan jagung. Jarak tanam tidak berpengaruh nyata ($P > 0,05$) terhadap tinggi tanaman, lebar daun, dan proporsi batang daun pada hijauan jagung. Varietas C memiliki tinggi tanaman lebih tinggi dibandingkan dengan varietas A dan B.

Kata kunci : Jarak tanam, Lebar daun, Proporsi batang dan daun, dan Varietas jagung.

ABSTRACT

THE EFFECT OF VARIETIES AND DIFFERENT PLANT SPACING ON PLANT HEIGHT, LEAF WIDTH, AND PROPORTION BETWEEN LEAVES AND CORN FORAGE STEM

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This research aims to know the interaction of varieties and different plant spacing on plant height, leaf width, and proportion between leaves and corn forage stem. This research was conducted on December 2018—June 2019 at Integrated Field Laboratory, Faculty of Agriculture, Lampung University. The study was done based on Factorial Randomized Block Design. The first treatment consisted of 3 varieties which was A variety, B variety, dan C variety. The second threatment consisted of 2 plant spacing which was J1 (60 x 20 cm) and J2 (80 x 20 cm). Each experimental treatment unit is plots of land measuring 2,6 x 2,0 m². Each experimental treatment unit is repeated three groups, so there are 18 units of experiments. The data obtained were analyzed using variance analysis in the advanced using Duncan Multiple Range Test at real level of 5%. The results showed that there was no interaction between varieties and planting distance on plant height, leaf weight, and proportion of leaves stems on corn forage ($P>0,05$). Varieties are significantly affected ($P<0,05$) on plant height, but did not significantly affected ($P>0,05$) on leaf weight, and proportion of leaves and stems on corn forage. Planting distance was not significantly affected ($P>0,05$) on plant height, leaf weight, and proportion of leaves and stems on corn forage. C variety had the taller plant than A variety and B.

Keywords : Leaf width, Plant height, Plant spacing, Proportion between leaves and corn forage stem, and Varieties of corn forage.