PENGARUH JARAK TANAM DAN MACAM PUPUK ORGANIK TERHADAP PERTUMBUHAN HASIL BUNCIS

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INTISARI

Peningkatan hasil produksi buncis dapat dilakukan dengan mengatur jarak tanam dan pupuk organik secara tepat. Penelitiani bertujuan untuk mengetahui jarak tanam dan macam pupuk organik terhadapa pertumbuhan buncis, penelitian telah dilakukan pada bulan Maret 2019 sampai dengan bulan Juni 2019 di Laboratorium Agroteknologi, Fakultas Agroindustri, Universitas Mercu Buana Yogyakarta dan di Dusun Nogosari, Selopamioro, Imogiri, Bantul, Yogyakarta. Penelitian menggunakan Rancangan Acak Kelompok Lengkap (RAKL) faktor yang diuji jarak tanam dan macam pupuk organik dengan 3 kali ulangan Sejumlah (9 perlakuan) yang diulang 3 kali sehingga ada 27 unit percobaan dengan tanaman setiap unit. Setiap petak ditanami sebanyak 16 tanaman, sehingga populasi tanaman adalah 432 tanaman. Hasil penelitian menunjukan bahwa dari semua perlakuan pengaruh jarak tanam terhadap pertumbuhan hasil buncis menunjukan tidak perbedaan nyata, pemberian pupuk kandang sapi merupakan perlakuan terbaik dibandingan dengan perlakuan lain dan kombinasi antara jarak tanam dan macam pupuk organik terhadap pertumbuhan dan hasil buncis tidak ada intraksi.

Kata kunci: buncis, jarak tanam dan pupuk organik

THE EFFECT OF PLANTING DISTANCE AND KINDS OF ORGANIC FERTILIZER AGAINTS GROWTH OF CHICKPEAS RESULTS

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ABSTRACT

Increasing the results of chickpeas production can be done by adjusting distance of plant and organic fertilizer appropriately. The study aims to determine the planting distance and types of organic fertilizer againts the growth of beans, the research was conducted from March 2019 until June 2019 at the Laboratory of Agrotechnology, Faculty of Agro-Industry, Mercu Buana University, Yogyakarta and in Nogosari Hamlet, Selopamioro, Imogiri, Bantul, Yogyakarta. The research use Rancangan Acak Kelompok Lengkap (RAKL) the factors that tested were planting distance and types of organic fertilizer with 3 times trial total (9 treatment) which repeated 3 times so that were 27 experimental units there with plants per unit. Each plot was planted with 16 plants, so the population of the plant was 432 plants. The results shows that all of treatments the effect of distancing on the growth of chickpeas shows no significant difference, provide the best fertilizer for the best combination and combination between planting distance and kinds of organic fertilizer on growth and the results of chickpeas there is no contraction.

Keyword: chickpeas, planting distance and organic fertilizer