PENGARUH MODEL AJIR DAN PEMANGKASAN PUCUK TERHADAP PERTUMBUHAN DAN HASIL MENTIMUN HIBRIDA

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INTISARI

Penelitian dengan tujuan mengetahui pengaruh model ajir dan saat pemangkasan pucuk terhadap pertumbuhan dan hasil mentimun hibrida telah dilaksanakan di Jogja Youth Farming desa Argomulyo, Kecamatan Sedayu, Kabupaten Bantul, Daerah Istimewa Yogyakarta pada bulan Oktober sampai Desember 2020. Metode yang digunakan adalah faktorial 2x3 yang disusun dalam rancangan acak kelompok lengkap dengan tiga ulangan. Dua model ajir yaitu segitiga dan tegak dikombinasikan dengan tiga saat pemangkasan pucuk yaitu 21, 28 dan 35 hari setelah tanam dan diamati pengaruhnya terhadap pertumbuhan dan hasil mentimun. Hasil penelitian menunjukkan tidak terdapat interaksi pengaruh yang nyata antara model ajir dengan saat pemangkasan pucuk, dan hanya faktor saat pemangkasan pucuk yang mempengaruhi pertumbuhan mentimun. Pertumbuhan terbaik diperoleh pada tanaman yang dipangkas pucuk pada umur 35 hari setelah tanam, sedangkan hasil mentimun relatif sama diantara perlakuan yang dicoba.

Kata kunci : mentimun, model ajir, pemangkasan pucuk, pertumbuhan, hasil

EFFECT OF STAKING MODELS AND SHOOT PRUNING ON THE GROWTH AND YIELD OF HYBRID CUCUMBERS

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ABSTRACT

Research with the aim of knowing the effect of the stakes model and shoots pruning time on the growth and yield of hybrid cucumber was carried out at Jogja Youth Farming, Argomulyo Village, Sedayu District, Bantul Regency, Yogyakarta Special Region from October to December 2020. The method used was a 2x3 factorial arranged in a randomized complete block design with three replications. Two stakes models, namely triangular and upright combined with three times of shoot pruning, namely 21, 28 and 35 days after planting and observed their effects on growth and yield of cucumbers. The results showed that there was no significant interaction between the stakes model and the time of shoot pruning, and only the time of shoot pruning affected the growth of cucumber. The best growth was obtained in plants that were pruned at 35 days after planting, while the yield of cucumber was relatively the same among the treatments tried.

Keywords: cucumber, stake model, pruning of shoots, growth, yield