

Uji Perbandingan Dua Galur Cabai Keriting (*Capsicum annum L.*) Dengan Dua Varietas Pembanding Di Sleman Yogyakarta. *The Comparison Test on Two Genotypes of Curly Red Pepper (Capsicum annum L.) with Two Varieties Comparison in Sleman Yogyakarta. Advisor: Ir. Moch. Bintoro, MP and Ir. Sri Rahayu, MP.*

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ABSTRACT

The purpose of the research was studied for superiority and productivity of Curly Red Pepper genotype CKSB 02 and CKSB 06 to be compared of two varieties comparison PM 999 and Twist 42. The research was carried out in the field of CV. Jogja Horti Lestari and started on Juni 2014 to October 2014. This research used T test Paired Two Sample For Mean method that consisted of 4 treatment with 4 replicated. The treatment which consisted of Curly Red Pepper genotype CKBS 02 (P1), Curly Red Pepper genotype CKSB 06 (P2), Curly Red Pepper PM 999 varieties (P3), and Curly Red Pepper Twist 42 varieties (P4). The research showed that the treatment Curly Red Pepper genotype (CKSB 02 and CKSB 06) paired to Curly Red Pepper Varieties (PM 999 and Twist 42) had significantly result that affected to the age of flowery, the number of plant height, the number of harvest, total of the fruits, the yield of plant, the weight of fruits, the length of fruits, the weight of seed of plant, and the number of seedling weight of 1000 grains. While the Curly Red Pepper genotype CKSB 06 paired to Curly Red Pepper genotype CKSB 02 showed that the significantly result that affected to the age of flowery, the age of harvest, the yield of plant, the weight of fruits, and the number of seedling weight of 1000 grains.

Keywords : *Curly Red Pepper, Genotype, Varieties, Superiority*