

**Uji Daya Hasil Pendahuluan Calon Varietas Hibrida Mentimun (*Cucumis sativus L.*) Tipe Medium Hijau (Prileminary Yield Test Of Hybrid Variety Candidate Cucumber (*Cucumis sativus L.*) Green Medium Type) advisor: Dr. Ir. Nurul Sjamsijah, MP. and Adimas Pamuji, SP.**

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### **ABSTRACT**

*This research aims to determine the yield of cucumber hybrid varieties of medium green type. implemented at PT. Aditya Sentana Agro Jl. Zentana No.87, Karangploso, Girimoyo, Kec. Karang Ploso, Malang, East Java. The research was carried out in December 2021 – February 2022. The research design used was a non-factorial Randomized Block Design (RAK) with 3 F1 cucumber lines and 3 hybrid comparisons. The factors are V1 CU 257, V2 CU 356, V3 CU 763, V4 Oris, V5 Mira F1, V6 Monas F1. The data obtained from this study were analyzed by analysis of variance (ANOVA) and to find out the significant differences, a further test of Honest Significant Difference (BNJ) was carried out with a significant level of 5%. The parameters observed were weight each fruit, age of harvest, age of flowering, flesh thickness, fruit length, fruit diameter, fruit weight each plant, number of fruit each plant, and plant productivity. Based on the results of variance (ANOVA) CU 763 had a significantly different yield power with the comparison hybrid Oris on the parameters of plant productivity, fruit weight per plant, weight per fruit, and fruit length. So that CU 763 can be used as a candidate for a superior hybrid.*

*key words : hybrid, cucumber seeds, weight, productivity*