

**Melon (*Cucumis melo* L.) Excellence Test ME 634 Strain with Three Comparison Varieties.** Supervisor Ir. Hari Prasetyo, MP and Muhrisun  
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***ABSTRACT***

Domestic melon needs tend to increase every year, but can only meet 40% of the national fruit needs, while 60% still rely on fresh fruit imports, so that to meet the needs of national melons can be done by using superior varieties, one of which includes the test of the superiority of varieties, namely. Melon superiority test was conducted to determine the quantitative and qualitative superiority of ME 634 Melon Strain with the three comparison varieties. This research was conducted from September to November 2018. The research was conducted in the field of research and laboratories CV. Jogja Horti Lestari (CV. JHL) Pedak Hamlet, Village. Sinduharjo, Ngaglik District, Sleman Regency, Yogyakarta. The experimental design used in this study used a non factorial Randomized Block Design (RCBD) model, consisting of 1 strain and 3 comparative varieties and repeated 4 times. Data were analyzed using the ANOVA formula and continued with LSD calculation with a level of 5%. The results showed that the ME 634 strain had quantitative advantages of fruit storage and quality advantages

Keywords: Melon, Test of Excellence, ME 634 Strain.