

## **ABSTRACT**

### **KORELASI ANTARA KARAKTER BUAH TERUNG (*Solanum melongena* L.) DAN PENGUJIAN VIABILITAS BENIH SETELAH DISIMPAN 6 BULAN**

By

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The purpose of this research is to know the relationship between the character of the fruit and the results, as well as to know the influence of the shape of the fruit of eggplant seed viability have been stored 6 months. This research was carried out at the experimental laboratory seed University of Lampung and BPTP Natar from November 2013 to may 2014. Eggplant fruit characters selection tests conducted with the trial without the use of replay and analysis of correlation of Pearson and Spearman. Pearson correlation was used to reveal the large linear relationship between two variables to quantitative data. Spearman correlation is used to determine the correlation of two variables the qualitative data by using the score or rank. Seed viability testing using experimental design perfect Correlation and analysis of mixed reviews Spearman. Correlation of test results indicating that the weight of the fruit per plant was correlated positively with fruit diameter, length of fruit per plant, seed weight per plant, and the shape of the fruit. Seed

viability testing showed the absence of correlation between the purple eggplant fruit shape treatment and seed viability. From the results of testing the viability of seeds of eggplant purple fruit shape treatment that does not affect the viability of the seed produced except on testing normal sprouts of dry weight. The dry weight of normal sprouts most high comes from fruit shape score 3 fruit shape rounded slightly oval.

Keywords : eggplant purple, correlation, and seed viability.