

Pengaruh Umur Panen dan Waktu Curing terhadap Produksi dan Mutu Benih Tanaman Terung Ungu (*Solanum melongena* L.) Galur MTH 01. *Effect Of Harvesting And Curing Time On Production And Seed Quality Of Purple Eggplant (*Solanum melongena* L.) Galur MTH 01. Supervisor Ir. Suwardi, M.P.*

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ABSTRACT

*One of the efforts that can be done to improve the production and quality of eggplant seeds is by determining the right harvest age when the fruit is ripe physiologically and post-harvest handling is by curing activities. This study aims to determine the effect of harvest age and curing time on the production and quality of purple eggplant seeds (*Solanum melongena* L.) MTH strain 01. The research was conducted on the land of PT. Aditya Sentana Agro Malang, Jl. Zentana No. 87 Girimoyo Village, Karangploso District, Malang regency from August 2021-January 2022. This research method uses a Randomize Complete Blog Design (RCBD) factorial consisting of 2 factors. The first factor of harvest age consisting of 3 levels, harvest age 50 days after pollination, harvest age 55 days after pollination and harvest age 60 days after pollination. The second factor of curing time consisting of 2 levels, curing time 3 days, curing time 6 days. The data obtained is then analyzed using the F or Analysis of variance test and then carried out further tests using the Duncant Multiple Range Test with a level of 5% and 1%. The results showed that the treatment of harvest age gave a very significant on the parameters of fruit weight at harvest age 55 HSP with a value of 353,63 grams, and gave a significant on the parameters of seed weight per fruits at harvest age 55 HSP with a value of 8,32 grams, to the parameters of pithy seed weigh per fruits at the level of 55 HSP with a value of 8,23 grams, to the parameter of the number of pithy seeds at the harvest age level of 55 HSP with a value of 2,016 seeds, and to the parameters seed production per hectare at the level of harvest age 55 HSP with a value of 822,83 kg/Ha. The treatment of curing time gives a significant on the parameters of seeds weight per fruits at the level of curing time 6 days with a value of 8,08 grams, the parameters of pithy seed weight per fruits at the level of curing time 6 days with a value of 7,85 grams, and the seed production per hectare at the level of curing time 6 days with a value of 785,20 kg/Ha. The interaction of the treatment of harvest age and curing time gives an non significant on all observation parameters.*

Key words : *eggplant, harvest age, curing time, seed production, seed quality*