

Pengaruh Umur Panen dan Lama Waktu Curing terhadap Mutu Benih Mentimun (*Cucumis sativus* L.) Kode Produksi KE-0746. (*The Effect of Harvest Age and Curing Time on the Quality of Cucumber Seeds (*Cucumis Sativus* L.) Production Code KE-0746*). Supervise by Leli Kurniasari, S.P., M.Si

Rasyid Ridhowi

*Study Program of Seed Production Tehnique
Department of Agriculture Production
Program Studi Teknik Produksi Benih
Jurusan Produksi Pertanian*

ABSTRACT

Cucumber is an important horticultural crop that has high economic value. There was instability in national cucumber seed productivity in 2018 to 2020, efforts that can be made to increase productivity by using quality seeds, cultivating and handling harvest and post-harvest of good cucumber plants, especially through determining the right harvest age and curing time. This study aims to determine the effect of harvest age and curing time on the quality of cucumber seeds. This research was conducted from July to November 2024 in the rice fields of Wringintelu Village, Puger District, Jember Regency. The research design used was Factorial Randomized Design, with the first treatment of Harvest Age consisting of Harvest Age 28 HSP (P1), Harvest Age 33 HSP (P2) and Harvest Age 38 HSP (P3) and the second treatment of Curing Time Length consisting of Curing 2 days (C1), Curing 4 days (C2) and Curing 6 days (C3). The results showed that the harvest age treatment gave a significant effect on the number of seeds per plant, seed production per hectare, 1000-grain weight, and germination. Meanwhile, the curing time treatment had a very significant effect on growth speed and maximum growth potential, and had a significant effect on germination, growth uniformity, and vigor index. The interaction between harvesting age and curing time gave a significant effect only on the number of seeds per plant parameter.

Keywords: *Quality, Harvest, Curing, Cucumber*