

**Pengaruh Pupuk SP 36 dan Umur Panen terhadap Produksi Dan Mutu  
Benih Ketimun (*Cucumis sativus* L.) Hibrida**  
*The Effect Of Sp 36 Fertilizer And Harvest Age On Production And Quality Of  
Hybrida Cucumber Seed (*Cucumis Sativus* L.)*

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***ABSTRACT***

*Quality seed was one of the factors that affected agricultural production and played an important role in supporting the success of Indonesian agriculture. One of the efforts in increasing the seed was by using Phospor (P) nutrients and harvest age. The purpose of this research was to spur growth vegetatif and generative and seed filling. This research was conducted for 3 months, from month october until december 2016 in state polytechnic of jember. This research used Factorial Randomized Block Design with 2 factors and repetition. First factor dosage SP-36 (P) consisting of 3 levels, P1: 100 gr / plant, P2: 150 gr / plant, P3: 200 gr / plant and harvest age (U) consisting of 3 levels, U1: 40 Days After Pollination, U2: 45 Days After Pollination, U3: 50 Days After Pollination. The result show that SP-36 fertilizer with dosage 200 gr/ plant gave real effect on high of plant (cm) 14 , 21, and 28 day after plant . second factor show that harvest age 35 day after polination gave on parameter number of pithy seed, number of seed, seed production/ hectare.*

***Key words:*** *Cucumber production, SP-36 fertilizer, Harvest age.*