

**Efektivitas Interval Penyemprotan Pupuk Organik Cair Urin Kambing dan Umur Bibit terhadap Produksi dan Mutu Benih Padi (*Oryza Sativa*.L).**

*The Effectiveness of Interval Application Organic Liquid Fertilizer and age of seed to Production and Quality of Rice (*Oryza Sativa* L).*

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***ABSTRACT***

*One of the methods increase the seed production and the quality of rice (*Oryza sativa* L) is using interval application organic liquid fertilizer (P) and different age of seed with applied (U). The research was held for 4 months, on October until January 2017. at located in State Polytechnic of Jember farm. The research was conducted Randomized Block Design (RBD) with 2 factors and 3 replications. The first factor is interval application organic liquid fertilizer (POC), consist of control interval 1 week, 2 weeks and 3 weeks. The second factors is age of seed, consist of 10, 20, and 30 days. The result showed that the interval application organic liquid fertilizer has not significant effect in all of parameters, except on height plant harvest. The age of seed treatment has significant effect on height plant harvest, sum of young plant, and yield production as of hectare and has high significant effect on the harvest plant height. There was no interaction between interval application organic liquid fertilizer and age of seed (P x U) to the all parameters.*

*Key Word: Interval application POC, Age of seed, Seed Production and Quality of rice.*