

Pengaruh Perbedaan Kadar Air Benih dan Penundaan Prosesing Terhadap Viabilitas Dan Vigor Benih Padi (*Oryza sativa* L.) (*The Effect of Water Content Differences and Processing Adjournment on Viability and Vigor of Rice Seed (*Oryza sativa* L.)*) Supervised by Ir.Suwardi, MP. and Yayak Rahman Hidayat, SP.

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ABSTRACT

*This research aims to determine the effect of water content differences and seed processing adjournment on viability and vigor of rice seed (*Oryza sativa* L.). this research was conducted in September 2018 to Januari 2019 at UPT PSB TPH District VI Banyuwangi. It was applied Randomized Block Design with 2 factors and 3 replications. The first factor was water content differences consisted 3 levels, 14% (K1), 16% (K2), and 18% (K3). The second factor was processing adjournment consisted 3 levels, 2 weeks (T1), 4 weeks (T2), and 6 weeks (T3). The data was analyzed by using F test (ANOVA) and followed by DMRT 5%. The result of this research shows very real effeck on all treatment. The best interaction on the treatment of water content 14% and processing adjournment 6 week to average results 96,58% at the power growth, 70,83% simultaneosuly growth, Whereas it is non significant on growth speed. Best influence on the water content 14% at average results 47,47% and best prossesing adjournment treatment for 6 week at average results 91,20%.*

Key words : *processing adjournment, rice seed, viability, vigor, water content differences*