

Uji Kualitatif dan Kuantitatif Beberapa Varietas Benih Padi (*Oryza sativa L.*) yang Dihasilkan Penangkar Benih. (*Qualitative and Quantitative Tests of Some Rice Seed Varieties (*Oryza sativa L.*) Produced by Seed Breeders*). Supervised by Dwi Rahmawati SP., MP. and Gufron.

Kiki Putri Dwi Cahyani
Study Program of Seed Technology
Department of Agriculture
Program Studi Teknik Produksi Benih
Jurusan Produksi Pertanian

ABSTRACT

*This study aims to identify qualitative and quantitative character of some rice seed varieties (*Oryza sativa L.*) produced by seed breeders. This research was conducted for 5 months, from November 2018 to March 2019 in Kranjungan Village, Ajung District, Jember Regency. This study was applied non factorial Randomize Block Design (RAK) with 1 factor and 3 replications. The varieties used were Ciherang (V1), Mekongga (V2), Sintanur (V3), Inpari 42 (V4), Inpari 32 (V5), Inpari 33 (V6), Situbagendit (V7) and Cibogo (V8). The result of this study show that all varieties were suitable with the description qualitatively. Whereas varieties was significant for parameter number of empty grain per panicle and very significant for parameters plant height 30 HST, plant height 67 HST, plant height 93 HST, panicle length, number of grain per panicle, number of filled out seed and weight of 1000 seeds quantitatively. Sintanur varieties provide the best results on production per hectare*

Key words: *qualitative and quantitative, rice varieties (*Oryza sativa L.*), seed breeders*