

**THE EFFECTIVENESS OF AMOUNT SEEDS AND DOSAGE OF  
FERTILIZER N , P AND K TO RICE PRODUCTION  
RICE-FIELDS WITH SYSTEM ROWS LEGOWO**

**Ayu Putri Ramadhan**

A course of study technology food crops production  
of agricultural production

**ABSTRACT**

Research aims to understand the effectiveness of the amount of seeds a hole and fertilizer N , P and K against rice production rice-fields with rows of legowo system. Study was conducted in the village paceh, in jambesari, bondowoso district, east java. The period for implementation of the moon this study began november 2016 in january 2017. The methodology used the random design group ( RAK ) with two factors. Those who attempted in a factor 1 (B) is the number of seeds a hole planted with 3 standard the amount 4 seeds ( B1 ) , 8 seed ( B2 ) and 12 seeds ( B3 ). While a factor of two (P) the dose fertilize by 3 the standard urea 60 g / plot + sp 36 30 g / plot + kcl 30 g / plot (P1), urea 90 g / plot + sp 36 45 g / plot + kcl 45 g / plot (P2), urea 120 g / plot + sp36 60 g / plot + kcl 60 g / plot (P3). This research result showed that the number of treatment planting seedlings a hole cropping and doses of fertilizer N, P dan K not real against the whole parameters observation, Started from the parameters of higher plants , the number of saplings , the number of saplings productive , the amount of standing panicles, long panicles , beart unhusked a clump , heavy 1000 seeds.

**Keywords:** *Doses Fertilizer N , P and K , The Amount Of Seeds A Hole , The Production Of Rice Fields.*