

RESPONSE OF THE PRODUCTION OF TWO PEANUT VARIETIES TO APPLICATION OF LIQUID SUPPLEMENTARY FERTILIZER BANANA PEELS

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ABSTRACT

This research was conducted with the aim to determine the response of the application of liquid supplementary fertilizer banana peels to the production of two peanut varieties. This research was conducted in Antirogo Village, Jember Regency, East Java. The time for conducting research is conducted from September to December 2018. This study uses a randomized block design method (RBD) of two factorials. The first factor is the use of varieties (A) with two levels: tuban varieties (A1) and elephant varieties (A2). The second factor is the effect of giving additional fertilizer to the banana peel (P) with 4 levels: without giving of PPC (P1), 150 ml / plant PPC (P2), 250 ml / plant PPC, 350 ml / plant PPC. The results showed that the treatment of tuban variety peanuts (A1) significantly effected plant parameters at age 3 MST, 4 MST, number of potted pods per sample, weight of wet pods per sample, weight of dry pods per sample, and weight dry seed per sample. Whereas elephant varieties (A2) showed significant results on parameters of weight of 100 seeds. Application of liquid supplement fertilizer dosage for banana peel did not significantly effect all research parameters.

Keywords: *Peanut varieties (Arachis hypogaea), liquid supplementary fertilizers for banana peel.*