

**EFFECT OF KINDS AND TIME OF SOIL AS AN EFFORT TO INCREASE
YIELD OF PEANUT (*Arachis Hypogaea L.*)**

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ABSTRACT

This research aims to determine the effect of various kinds of soiling and soiling time on the production of maize. This research was conducted on October 2018 to February 2019 in Curakebu Village, Grugugan District, Bondowoso Regency. This study used a factorial Randomized Block Design (RBD) with 2 factors: P (type) and W (time), 10 treatment combinations, and 3 replications. The P factor consists of 4 levels, namely P0 (without soiling), P1 (soiling), P2 (soiling + straw) and P3 (straw). While the W factor consists of 3 levels, namely W1 (20 HST), W2 (30 HST), W3 (40 HST). The data was analyzed by using ANOVA test (ANOVA) and followed by DMRT 5% and 1%. The result of this research shows that treatment of embankment gives a significantly different effect on the weight parameters of 100 seeds and gives a significantly different effect on the weight of dry seeds. Whereas, the treatment time of embankment gives no significant effect on all parameters of the observation. However, it gives a significantly different effect on the interaction between the types and timing of soiling on the number of cipo pods to peanut plants.

Keywords : *Peanut, Type of soil, Time of soiling*