

**EFFECT OF PACLOBUTRAZOL APPLICATION AND TIME OF PRUNING
TO PRODUCTION PEANUT (*Arachis hypogea* L.)
VARIETIES OF KELINCI**

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ABSTRACT

This study aims to determine the effect of giving paclobutrazol and pruning time to increase production of peanuts (*Arachis hypogaea* L.) varieties of *Kelinci*. This research was conducted in the terrain of Tamanan Barat Village, District of Tamanan Bondowoso, East Java Province. The timing of this research carried out from August 2016 to December 2016. The research method used a Randomized Block Design (RBD) with two factors. The treatment attempted on factor one (P) was the concentration of paclobutrazole with 4 levels ie 0 ppm (P0), 7.5 ppm (P1), 22.5 ppm (P2) and 30 ppm (P3). While on factor of two (J) was the pruning shoots with 3 levels ie without pruning (J0), 7 DAF (Day After Flowering) (J1), 14 DAF (Day After Flowering) (J2). The result of this study showed that the single treatment of paclobutrazol was significantly different from the plant height parameter of 45 DAP (Day After Planting) and significantly different from the all nodule, factor of time pruning and interaction of both factors gave no significant effect on all parameters.

Keywords: *Flowering, pruning, shoots, yield*