

**Pengaruh Ukuran Umbi Dan Konsentrasi Paclobutrazol Terhadap Produksi Bawang Merah (*Allium ascalonicum* L.)** *Influence Of Measuring Of Tubers And Paclobutrazol On The Production Of Red Onion (*Allium ascalonicum* L.).*  
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**ABSTRACT**

*One method to increase production of onion is using the tuber size and addition paclobutrazol. The purpose of this research was to know the effect of tuber size and paclobutrazol concentration on growth and result onion tubers. This research did in october until December 2016, in farmland State of Polytechnic Jember. The research did with using a randomized complete block design(RCBD) consist two factors and three replications. The first factor is tuber size and second factor is biourine concentration. Factors of tuber size consist from three levels, that is U1 = small tuber ( <3 g/tuber), U2 = large tubers ( >5 g/tuber. Factors of paclobutrazol concentration was consist three levels, that is P1 = concentration of 35 ppm P2 = concentration of 40 ppm, P3 = concentration 45 ppm, P4= concentration 50 ppm. Observation data on each parameter analyzed using the formula F test (ANOVA) followed by a further test DMRT 5%. Result of this research showed that treatment of tuber size give significant effect on Weight parameters of wet tube, dry tuber and number per clump parameter too. While treatment of concentration paclobutrazol size give significant effect on Weight parameters of wet tube And dry weight For the interaction between tuber size and concentration paclobutrazol dont give significant effect on all parameters of observation.*

**Key words:** Tuber size, Paclobutrazol consentration, onion.