

**Respon ZPT Alami dan Komposisi Media Tanam Terhadap Pertumbuhan
Awal Bibit Jahe Merah (*Zingiber Officinale rocs.*)**
*Respon Of Natural Growing Regulator And Composotion Planting Media To
Early Growth Of Red Ginger seeds (Zingiber Officinale rocs.)*

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ABSTRACT

*The research was aimed to study the respons of the growth of ginger red (*Zinggiber officinale Rosc*). In crate treatments of seed natural growing and composition planting media. The research in done in Summersari, Jember on Agustus-october 2016. It used factorial randomized block designs with 2 factor. The first factor treatments natural growing regulator (Z), Z1 (Coconut water 50%), Z2 (Shallot juice 50%), and Z3 (Coconut water 25% Shallot juice 25%). The second factor in variety of growing media composition (M), M1 (2:1:1 Husk, Compos, Farmayrd manure), M2 (1:2:1 Husk, Compos, Farmaryd manure), and M3 (1:1:2 Husk, Compos, Farmaryd manure). So there are combinations of treatments and repeated three times so that there are 27 experimental units. The variety media composition singnificant effect on the components of plant hinhg 30 WST and 60 WST. Natural growing regulator singnificant effect on the little leaves.*

Keywords: *narutar growing regulator, husk, coconut water, shallot juice.*