

**EFFECT OF VARIOUS CONCENTRATIONS OF RED ONION  
EXTRACT AGAINST ROBUSTA COFFEE**  
*(Coffea Canephora)*  
**CUTTING SEEDS GROWTH**

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**ABSTRACT**

*Coffee is one of commodity that can boost the Indonesia's economy. The government have to increase the coffee production for the farmer prosperity. The data said that Indonesia's coffee productivity is small which only can producing 700kg/Ha in a year. One of efforts that can be made is providing quality seeds. Planting the seed can be done by cutting the seed also given growth stimulant so that can grow better and faster The study has been done since September - December 2021 There are non-factorial randomized block objects with 5 different treatments Treatment A0 (Without Red Onion Extract), A1 (Onion extraxt concentration: 15%), A2 (Onion extraxt concentration: 25%), A3 (Onion extraxt concentration: 35%), A4 (Onion extraxt concentration: 45%). The data has been analyzed using a variance. The result show that the given of red onion extract can tell the different on parameter the growth age of spourt, also the high on object 1 and 1,5 BST. It non significant at The living seeds presentation, seeds diameter, number of leaves, number of segments, and the height of seeds for the object with age 2 until 3 BST on coffee robusta klon BP 308*

**Keywords : cutting seeds coffee, PGR red onion , cutting seeds growth**