

**THE EFFECT OF COFFEE SKIN WASTE POC
TO THE GROWTH OF ARABICA COFFEE
SEEDLINGS (*Coffea arabica* L)
KOMASTI VARIETY**

Mentored by: Ir. Titien Fatimah, M.P

Azura Aulia Putri

Plantation Crop Cultivation Study Programme
Department of Agricultural Production, Jember State Polytechnic
e-mail : azuraap.296@gmail.com

ABSTRACT

Coffee is an export product that plays an important role in a country's foreign exchange market, regional economic development and farmers' income. When growing coffee plants, it is important to choose seeds that are resistant to pests and diseases. Additionally, applying fertilizer to coffee plants affects the growth of coffee plants. The use of liquid compost (POC) and coffee husk waste should be made to improve the physical, chemical and biological properties of the soil and soil fertility. The aim of this study is to determine the highest quality coffee fertilizer used in growing Arabica coffee beans of the Komasti variety. It was carried out at the Jember Polytechnic State seed nursery between September and December 2023. The method used was Non-Factorial Group Randomized Design (RAC) with 4 replicates of 6 treatments. The analysis results showed that the effects of POC applied to waste 'coffee' on the growth of Arabica coffee seedlings had a direct effect on the number of leaves, stem diameter, plant height, seedling weight and dry weight parameters. Arabica coffee coffee seeds

Keywords : *Organic Fertilizer Coffee Skin Waste, Arabica Coffee*