

**EFFECT OF COFFEE PULP COMPOST MEDIA COMPOSITION
ON THE GROWTH OF PINE PLANT SEEDS
(*Pinus merkusii* Jungh)**

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ABSTRACT

Pinus (*Pinus merkusii* Jungh Et deVries) is a plant that is one of the sap producers besides rubber plants. In Indonesia, the pine plant itself is part of industrial forest plantations, from which all parts of the pine plant can be processed into various human needs. Coffee husk compost is one of the organic fertilizers for a plant. The large amount of coffee that is grown and produced causes greater coffee husk waste to be produced. Coffee husk waste itself can be used as compost for plants. The experiment this time was applied to pine plants. This research was conducted to determine the effect of adding media coffee husk compost to the growth of pine seedlings. This research was conducted for 4 months, starting from October 2019 to February 2020 in Sempolan Village, Silo District - Jember. The research method used was a non-factorial randomized block design (RBD) consisting of 5 treatments. The intended treatment is (K0) top soil media, (K1) compost media: top soil (1:3), (K2) Compost media: Top soil (1:1), (K3) compost media: top soil (3:1), (K4) Compost Media. The results showed that the effect of media coffee husk compost composition on the growth of pine plant seedlings (*Pinus merkusii* Jungh) was not significantly different on the parameters of plant diameter, wet weight and dry weight of pine plants and significantly different on plant height.

Keywords: Coffee Skin Compost, Pine, Media Composition