THE EFFECT OF PLANTING MEDIA ON THE PRODUCT QUALITY OF BESUKI NA OOGST TOBACCO PLANT VARIETY H382 (*Nicotiana tabacum* L.)

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ABSTRACT

Tobacco (Nicotiana tabacum L.) is one of the plantation commodities which has an important role in the development of the plantation sub-sector. Various kinds of problems faced by tobacco farmers in Indonesia cause a deere ase in the contribution of tobacco to the Indonesian economy. The quality of tobacco plants is largely determined by the care and growing media during seeding and cultivation. This study aims to determine the effect of the composition of the planting medium and the optimum composition to the media on the quality of H382 Besuki Na Oogst tobacco. The study was conducted from June to November 2019. This study used a non-factorial completely randomized design method consisting of 3 treatments, namely Klasman + husk (P1), Cocopeat + husk (P2), and top soil media (P3). The observational data obtained were analyzed using analysis of vaiance (ANOVA) and if the numbers were significantly different then a further test was carried out using LSD at the 5% level. The results showed that the composition of the growing medium had a significant effect on leaf thickness and leaf chlorophyll, while the nicotine content showed insignificant differences. The use of media Cocopeat + husk (P2) is the composition of the media that has the highest average value of the chlorophyll test 378.14 µmol / m² and a leaf thickness of 68.51µm.

Keyword : Tobacco, Cocopeat, Chaff, Klasmann