GROWTH RESPONSE AND YIELD OF SHALLOT (*Allium ascalonicum* L.) IN VARIOUS GROWING MEDIA COMPOSITIONS AND LIQUID ORGANIC FERTILIZER CONCENTRATIONS

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ABSTRACT

The demand for shallots continues to increase due to the increase in population and shallot consumption needs. This condition causes fluctuations between supply and demand that can cause price fluctuations over time. The study aims to determine the concentration of POC and the composition of planting media that is best for shallot growth and yield. The research was a field experiment conducted in polybags, arranged in a Completely Randomaize Design Factorial. The first factor was the composition of planting media of Husk Charcoal + Soil + Cow dung manure (2:1:1), (1:2:1), (1:1:2) and the second factor was the concentration of banana pseudostem liquid organic fertilizer 20, 40, 60 and 80 ml/L. The results showed that there was no interaction between the treatment of planting media composition and POC banana poultry on all observation parameters. The planting media composition of husk charcoal: soil: cow manure (2: 1: 1) and (1: 2: 1) gave good yields on tuber diameter and tuber fresh weight. The concentration of 60 ml/L and 80 ml/L banana pseudostem POC gave good yields on tuber diameter and tuber fresh weight.

Keywords : *Shallot, Planting Media, POC.*