

**COMBINATION OF INORGANIC NPK FERTILIZER AND COFFEE
SKIN WASTE POC (*Coffea canephora*) AGAINST GROWTH AND
CORN CROP PRODUCTION (*Zea mays* L.)**

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ABSTRACT

The use of organic liquid fertilizer for coffee skin waste can reduce the excessive use of synthetic fertilizers in production. This study aims to analyze the concentration of applying liquid organic fertilizer for coffee skin waste along with the addition of inorganic NPK. This research was carried out in June - October 2022, located in Baratan Village, Patrang with a randomized design of non-factorial groups (RAK), namely the concentration factor of POC + NPK which includes control, 0% + NPK, 10% + 3/4 NPK, 20% + 3/4 NPK, 30% + NPK, 40% + 3/4 NPK. The results showed that there was an influence on the variables of perampel plant height, wet weight of the perampel cob, dry weight of the perampel cob, wet weight of the perplot cob, dry weight of the perplot cob, dry weight of the perampel pipil, and did not show any effect on the variable weight of 1000 seeds, The highest result was found in the concentration treatment of 40% + 3/4 NPK on all variables while the lowest result was found in the control treatment of all variables.

Keywords: *Corn, Coffee Husk Waste, Liquid Organic Fertilizer, Concentration*