

Efforts To Increased Production of Peanuts (*Arachis hyogae* L.) Through Provision of Chicken Manure and Local Microorganisms Gamal Leaves.
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ABSTRACT

*This study aims to determine Production of Peanuts (*Arachis hyogae* L.) Elephant varieties by giving chicken manure and gliricidia leaves local microorganisms. This research was carried out for 3 months from October 2019 until January 2020. All activities carried out in village field of Sempolan, Silo, Jember. This study uses a randomized block design factorial with two factors of 9 treatments and 3 repetitions, factor R 3 levels is the chicken manure dose 2 kilograms/plot, 4 kilograms/plot, 6 kilograms/plot, a factor S 3 levels is concentration gliricidia leaves local microorganisms 60 ml/liter of water, 120 ml/liter of water, 180 ml/liter. Data was analyzed using ANOVA and then tested further by using DMRT level of 5%. These results indicate that treatment application of chicken manure and concentration addition gliricidia leaves local microorganisms no provides real effect in the all pacameters and the interaction chicken manure and concentration addition gliricidia leaves local microorganisms leaves provides real effect in the parameters weight of wet pods samples, weight of wet pods plot, weight of dray pods samples, weight of dray pods plot, weight of dry seed samples, weight of dry seed plot and weight of 100 dry seeds.*

Key words : *Peanuts, chicken manure, local microorganisms from gamal leaves.*