APPLICATION *RHIZOBIUM*, MYCORRHIZA AND COMBINATION IN PEANUT PLANTS (*Arachis hypogaeae*) AS EFFORT TO RECONSTRUCTION CRITICAL LAND IN CONDRO VILLAGE, PASIRIAN, LUMAJANG

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Abstract
A system of monocultures and application of fertilizers its synthesis uncontrolled at a land causing damage on the ground is the biologically, chemical and physical so as to cause productivity declined, then the necessary reparation through the introduction of microbes such as *Rhizobium* or mycorrhiza or a combination of both which uses peanut plant (*Arachis hypogaeae*) as its host plant by using the method of the LCC (*Legume Cover Crops*). This research purpose to know the influence of *Rhizobium*, mycorrhiza and combination of both against the peanut plant growth used as plant reclamation and its application in improving the land.

The observed parameters of observation of the morphology and analysis of a soil sample before-after treatment. This research used a Randomized Design Group (RAK) with a one-way ANOVA. The research results are the *Rhizobium*, mycorrhiza and combination of both have not real effect on the growth of peanut plant as a plant reclamation but have an effect on the productivity of peanut and increased content of N, P and K in the soil.

Keywords : LCC (*Legume Cover Crops*), mycorrhiza, peanut plant (*Arachis hypogaeae*), *Rhizobium*