

**PENGARUH FORMULASI INOKULUM CAIR *Rhizobacteri INDIGENOUS*  
MERAPI DAN METODE APLIKASI TERHADAP PERTUMBUHAN PADI  
DALAM CEKAMAN KEKERINGAN**

*The Effect Of Liquid Formulation Inoculum Rhizobacteri Indigenous Merapi And  
Method Application On The Growth Of Rice In Drought Stress*

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**ABSTRACT**

*The one alternative to increase rice produce is using marginal land and using Merapi microbe Rhizobacter Indigenous as biological fertilizer. Specially to duplicate of Rhizobacter as biological fertilizer with Liquid Bertani Agar (LBA) wich have highly cost, so we need the other alternative media from nature ingredients that aim. To get the best formulation of Rhizobacris's liquid inoculum and application method on riceplant.*

*Research arranged in experiment methode with two step, 1<sup>st</sup> is duplicate Rhizobacter in various liquid formulation media and various liquid formulation application to seed and plants. 1<sup>st</sup> step with experiment design single factor that arranged in complete randomized design were bit of 4 formulation that is soil extract media, coconut water 50%+ soybean water 50%, tahu waste 42%+potato extract 6%+ Taoge Extract 42% and liquid bertani media. 2<sup>nd</sup> factor is the method of application in seed and plant*

*The result shows that have a different in the best formulation is water 50%+ soybean water 50% treatment and the best method application is in seed.*

*Key word: liquid formulation, method application, Rhizobacter*