

## Pengaruh Pupuk Hayati dan Batuan Fosfat Alam terhadap Ketersediaan Fosfor dan Pertumbuhan Stroberi pada Tanah Andisol

<b>Title</b>	Pengaruh Pupuk Hayati dan Batuan Fosfat Alam terhadap Ketersediaan Fosfor dan Pertumbuhan Stroberi pada Tanah Andisol
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<b>Accreditation</b>	
<b>Abstract</b>	<p>ABSTRACT Biofertilizer has an important role in P-solubilization from phosphate rock, therefore it can be absorbed by plant. The organic acid produced by biofertilizer can solve the phosphate mineral from phosphate rock. The objectives of the research were: to know the effect of biofertilizer and phosphate rock on the availability of P and the growth of strawberry at Andisol. The treatments included 2 levels of biofertilizer, i.e. 0 and 200 L . ha<sup>-1</sup> and 5 levels of phosphate rock, i.e. 0; 100; 200; 400; and 800 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup>. The experiment was arranged in completely randomized block design with 3 replicates. The result showed that the application of biofertilizer and phosphate rock could increase the availability of P and total P of Andisols, dry weight of plant, length of plant and fresh weight of fruit .. Interaction between biofertilizer and phosphate rock could increase the soil pH. Key words: biofertilizer, phosphate rock, andisols, strawberry</p>
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<b>Author</b>	Ir JOKO MARYANTO, M.Si