

## UPAYA MENDAPATKAN GENOTIP KEDELAI EFISIEN UNSUR HARA P PADA LAHAN RENDAH P

<b>Title</b>	UPAYA MENDAPATKAN GENOTIP KEDELAI EFISIEN UNSUR HARA P PADA LAHAN RENDAH P
<b>Author Order</b>	2 of 2
<b>Accreditation</b>	
<b>Abstract</b>	<p>In Indonesia, low soil P availability is the major constraint in upland area. Therefore, it is needed to find soybean varieties with characters efficient in P and high yield. The objective of this study was to evaluate P uptake, P efficiency, yield, morphological and physiological characters for selection of P efficient varieties. A Randomized Completely Block design was used with three replications. Seven varieties i.e. local, Slamet, Leuser, L1 503, S1 131(2), SL3 113(6), S1 053 and P applications i.e. without P and 36 kg P<sub>2</sub>O<sub>5</sub> ha<sup>-1</sup> were tested. Some variables such as plant height, shoot weight, leaf number, branch number, filled and unfilled of pod number, grain weight, P content, P uptake and efficiency were analyzed. Data was analysis by F test and followed by DMRT. The results showed that there were different responses on P uptake among genotypes under low P condition. Slamet, S1 053, SL3 113 (6) and Leuser had characters of high potential of yield and efficient in P uptake under P stress. Some characters could be used for variety selection of P efficient with high yield i.e. shoot and grain weight, and P efficiency.</p>
<b>Publisher Name</b>	Universitas Tadulako
<b>Publish Date</b>	2012-03-26
<b>Publish Year</b>	2011
<b>Doi</b>	
<b>Citation</b>	
<b>Source</b>	Agroland: Jurnal Ilmu-ilmu Pertanian
<b>Source Issue</b>	Vol 18, No 1 (2011)
<b>Source Page</b>	
<b>Url</b>	<a href="http://jurnal.untad.ac.id/jurnal/index.php/AGROLAND/article/view/309/261">http://jurnal.untad.ac.id/jurnal/index.php/AGROLAND/article/view/309/261</a>
<b>Author</b>	Dr AGUS RIYANTO, S.P, M.Si