# Prof. Dr Aris Tri Wahyudi M. Si. Uses Indigenous Bacteria to Promote Plant Growth

Plant Growth Promoting Rhizobacteria (PGPR) are the soil bacteria inhabiting around/on the root surface and are directly or indirectly involved in promoting plant growth and development via production and secretion of various regulatory chemicals in the vicinity of rhizosphere. One of Department of Biology Faculty of Mathematics and Natural Sciences (FMIPA) Professor, Prof. Dr. Aris Tri Wahyudi M.Si., started his PGPR research on 2005 until now focusing on indigenous soil PGPR. Through his research program, Prof. Dr. Aris Tri Wahyudi M.Si. revealed that PGPR enhance plant growth by direct and indirect means and Pseudomonas sp CRB and Bacillus sp CR found as highly potential PGPR isolates. These isolates could be used as soybean and corn growth promoter and could produce biofungicide. This research achieved him to be one the 103 Most Prospective Indonesian Innovation in 2011. These PGPR research was presented by Prof. Dr. Aris Tri Wahyudi M.Si. at IPB Professor Oration on 26 March 2015.

Press Release [pdf]

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