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Contrastive effects of inorganic phosphorus addition on soil microbial respiration and microbial biomass in tropical monoculture tree plantation soils in Thailand

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Agriculture and Natural Resources. 2016. 50(5): xx-xx. 1 $\mathbf{2}$ Agr. Nat. Resour. 2016. 50(5): xx-xx. 3 Contrastive effects of inorganic phosphorus addition on soil microbial respiration and 4 microbial biomass in tropical monoculture tree plantation soils in Thailand $\mathbf{5}$ 6 Taiki Mori^{ad*}, Chongrak Wachrinrat^b, Duriva Staporn^b, Ponthep Meunpong^b, $\overline{7}$ Warawich Suebsai^b, Kazuki Matsubara^c, Khitja Boonsri^b, Warisa Lumban^b, 8 Manassawee Kuawong^b, Thanida Phukdee^b, Juruwan Srifai^b, Kannika Boonman^b 9 10^aForest Ecology Laboratory, Graduate School of Agriculture, Kyoto University, 11 12Kitashirakawa Oiwake-cho Sakyo-ku, Kyoto, 606-8502, Japan ^bFaculty of Forestry, Kasetsart University, 50 Ngamwongwan Road, Chatuchak, Bangkok 1310900, Thailand 14^cShiga University of Medical Science, Seta Tsukinowa-cho, Otsu, Shiga, 520-2192, Japan 15^dKey Laboratory of Vegetation Restoration and Management of Degraded Ecosystems, South 16China Botanical Garden, Chinese Academy of Sciences, Guangzhou, Guangdong, 510650, 17China 181920Received 13/05/15 Accepted 18/04/16 2122Keywords: 23 $\mathbf{24}$ Microbial biomass carbon, Phosphorus, 25Soil respiration, 26

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