



**RIO18**  
21st World Congress  
of Soil Science

**21 WORLD CONGRESS OF SOIL SCIENCE**  
Sunday 12 – Friday 17 August 2018  
Rio de Janeiro, Brazil

Rio de Janeiro August | 12 - 17

## POSTER SESSION – DIVISION 3

Thursday (Aug, 16)		TOTEN 35	
C3.3.10		Beneficial management practices for sustaining soil fertility	
Schedule	ID	Title	Presenter
13:30 – 13:40	1743	Sugarcane growth and yield as a function of deep soil tillage and liming rates in a clay soil	Gabriela Ferraz de Siqueira
13:40 – 13:50	462	Sugarcane roots growth as function of deep soil tillage and liming	Juliano Carlos Calonego
13:50 – 14:00	3044	The impact of quality and proportions of composting organic materials on the solubilisation of Kodjari phosphate rock in semi-arid West Africa	Elisee Ouedraogo
14:00 – 14:10	492	The soil potassium contents and form transformation under long-term fertilization in red soil	Huimin ZHANG
14:10 – 14:20	1083	Total and dissolved organic carbon in deep soil profiles following pasture conversion, New South Wales, Australia.	Rubeca Fancy
14:20 – 14:30	2425	Total organic carbon as an indicator of the impact of soil management in mountain agriculture in the region of Nova Friburgo, RJ	João Victor Almeida Arantes
14:30 – 14:40	1396	Use of biofertilizer associated to nitrogen-fixing bacteria on yield and yield components of soybean crop	Jaqueline Gaio Spricigo
14:40 – 14:50	3052	USE OF STEEL SLAG AS A LIMING MATERIAL ON SOIL PH AND MICROBIAL POPULATION IN AN ACIDIC SOIL OF THE CENTRAL ANDES OF PERU	Raquel Zea
14:50 – 15:00	1740	VARIABILITY SPATIAL-TEMPORAL OF POTASSIUM IN DIFFERENT LOWLANDS PRODUCTION SYSTEMS	Luciano Pinzon Brauwars
15:00 – 15:10	712	Water use efficiency on sunflower crop under irrigation levels and potassium doses in Oxisol	Luana Glaup Araujo Dourado



**Brazilian Soil Science Society**



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