



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

DIVISIONAL SYMPOSIUM – DIVISION 3

Tuesday (Aug, 14)		Room “Europa”	
C3.3.1 C3.3.8		Nitrogen use efficiency (NUE) in tropical soils - II International Nitrogen Initiative	
		Convener: Juliano Calonego, Faculty of Agronomic Sciences –São Paulo State University - FCA/UNESP. Botucatu, SP, Brazil, E-mail: juliano@fca.unesp.br	
		Co-Convener: Marcelo Valadares Galdos, University of Leeds, Leeds, UK. E-mail: M.Galdos@leeds.ac.uk	
Schedule	ID	Title	Presenter
15:30 – 15:40	--	Opening	Conveners
15:40 – 15:55	1734	Volatilization of N-NH ₃ from different nitrogen sources after lime application in no-tillage system	Evandro Antonio Minato
15:55 – 16:10	2258	<i>Brachiaria brizantha</i> may help to reduce N ₂ O emissions	Lucas Pecci Canisares
16:10 – 16:25	1679	Forecasting the contribution of soil N mineralization for sweet corn production using a temperature-based prediction equation	Sullivan, Dan M.
16:25 – 16:40	2915	Nitrogen balance and use efficiency of Japanese paddy rice production: Improvement driven by consumer behavior	Sadao Eguchi
16:40 – 16:55	1596	Reducing ammonia and nitrous oxide emissions and increasing maize yields by using the 4R nutrient management strategy	Craig Drury
16:55 – 17:10	439	Leaching of dissolved organic nitrogen from irrigated maize fields in Mediterranean Central Chile	Osvaldo Salazar
17:10 – 17:25	2762	Impact of urease and nitrification inhibitors on ryegrass productivity in the high rainfall zone of southern Australia.	Oxana Belyaeva
17:25 – 17:40	900	Nitrogen in alpine ecosystems: adaptations to low N availability and reactions on additional N input	Makarov M.I.
17:40 – 17:55	2938	Effect of the use of a slow-release N fertilizer on the critical concentration of N in the biomass, production of aerial biomass and residual mineral N in an Andisol.	John Clunes Muñoz
17:55 – 18:10	1926	Benchmarking the reactive nitrogen loss for global agricultural products	Deli Chen
18:10 0 18:15	--	Closing	Conveners



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