



**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

Monday (Aug, 13)		TOTEN 45	
C3.3.1		Nitrogen use efficiency (NUE) in tropical soils	
Schedule	ID	Title	Presenter
13:30 – 13:40	2041	Response of Marandu grass ( <i>Brachiaria brizantha</i> ) to mineral and organic fertilization	Andréia Lopes de Morais
13:40 – 13:50	2759	Root growth and expression OsNRT2.4 gene in rice lines under low nitrate supply	Andressa Fabiane Faria de Souza
13:50 – 14:00	1675	SECONDARY MACRONUTRIENTS CONCENTRATION IN SIGNAL GRASS ( <i>Urochloa decumbens</i> ) FERTILIZED WITH NITROGEN DOSES AND SOURCES	Reges Heinrichs
14:00 – 14:10	978	Soil Inorganic nitrogen content in a system of legume intercropping with pasture in the Brazilian Savannah	Carlos Henrique dos Santos
14:10 – 14:20	743	Urease inhibitor use in nitrogenous fluid fertilizers in mixture with vinasse	Karla Vilaça Martins
14:20 – 14:30	1381	Use of gypsum and leguminous residue to improvement of soil rootability and increase of nitrogen use efficiency in a cohesive tropical soil.	Stefanny Portela
14:30 – 14:40	2367	Vegetative performance of pepper pout under nitrogen doses	Francielly Gonçalves Barbosa-Oliveira
14:40 – 14:50	2351	Volatilization of Ammonia (N-NH <sub>3</sub> ) in Corn ( <i>Zea mays</i> L.) in Function of the Application of Urea, Ammonium Sulphate and Polymer Coated Urea	Bruno Maia Abdo Rahmen Cassim
14:50 – 15:00	1685	Volatilization of NH <sub>3</sub> in nitrogen fertilizers applied on coffee crop with and without straw	Pedro Rocha Santos
15:00 – 15:10	3136	Volatilization, Leaching and Nitrogen Runoff according to dose, sources and soil moisture in rice cultivation.	Luis Armando Castilla Lozano



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