



**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

Tuesday (Aug, 14)		TOTEN 34	
C3.3.4		Greenhouse gases emissions associated with fertilizer use	
Schedule	ID	Title	Presenter
13:30 – 13:40	728	Alfalfa production under base saturation levels in Cerrado Oxisol	Camila Thaina Rueda da Silva
13:40 – 13:50	759	Crude protein in diagnostic leaves of wheat BRS 394 irrigated and fertilized with nitrogen and sulfur	Luana Aparecida Menegaz Meneghetti
13:50 – 14:00	2264	Dry mass of leaves and stems in pasture in recovery using vegetal ash	Louisy Oliveira da Silva
14:00 – 14:10	2627	Influence of Zn/Cu ratio on production components of soybean	Hariane Luiz Santos
14:10 – 14:20	576	Assessment of Nitrous Oxide Emission Factors from Barley Cropland under Land Application of Biosolids	Carmen Cecilia Roman Perez
14:20 – 14:30	2918	CARBON DIOXIDE (CO <sub>2</sub> ), METHANE (CH <sub>4</sub> ) AND NITROUS OXIDE (N <sub>2</sub> O) FLUXES FROM POTATO PRODUCTION SYSTEM (SOLANUM PHUREJA) UNDER TRADITIONAL FERTILIZER AND k-CARRAGEENAN -COATED FERTILIZER MANAGEMENT	M. Camila Morales-Pulido
14:30 – 14:40	1074	Comparison of greenhouse gas emissions with application of organic fertilizers (manure, slurry and digested slurry) in a managed grassland in Southern Hokkaido, Japan	Kaho Yasuda
14:40 – 14:50	2535	Effect of fertilizers on CH <sub>4</sub> production and emission from paddy soil	Takashi Nagasawa
14:50 – 15:00	1784	Emission of greenhouse gases (N <sub>2</sub> O, CO <sub>2</sub> and CH <sub>4</sub> ) of sandy loam Mollisol, under maize?cover crop rotation and nitrogen fertilization	Daniela Mallitasig
15:00 – 15:10	2052	Flow of Greenhouse Gases in the Summer Period in a System of Integrated Crop-Livestock with Nitrogenous System Fertilization	Jonatas Thiago Piva



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