



**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 46   |                               |
|------------------|------|--|-------------------------------|
| C3.3.1<br>C3.3.2 |      | Nitrogen use efficiency (NUE) in tropical soils<br>Nutrient budgets in agricultural soils                                  |                               |
| Schedule         | ID   | Title  | Presenter                     |
| 13:30 – 13:40    | 1709 | COMPONENTS OF THE EFFICIENCY OF NITROGEN USE IN CULTURE OF THE INOCULATED CORN WITH <i>Azospirillum brasilense</i>         | Karen Alessandra Sousa Castro |
| 13:40 – 13:50    | 2773 | Nitrogen Fertilization at Different Stages in Soybean Culture  | Elaine Damiani Conte          |
| 13:50 – 14:00    | 1693 | PHOTOSYNTHETIC EFFICIENCY IN THE USE OF NITROGEN IN THE CULTURE OF THE INOCULATED CORN WITH <i>Azospirillum brasilense</i> | Lincon Matheus Araujo Silva   |
| 14:00 – 14:10    | 1257 | Productive development of herbaceous cotton fertigated by dripping under nitrogen doses and water slides                   | Paula Caroline Lima Silva     |
| 14:10 – 14:20    | 1510 | Vegetative development of cotton in drip fertigation under nitrogen fertilizer and water depths                            | Joyce de Oliveira Rodrigues   |
| 14:20 – 14:30    | 2265 | Nitrogen fertilization in wheat  | Gleize Leviski de Brito       |
| 14:30 – 14:40    | 2201 | A sequential extraction procedure to study phosphorus binding forms in arable soils  | Kristof Dorau                 |
| 14:40 – 14:50    | 1917 | Application of an Electric Potential to Retain Plant Nutrients Around the Root Zone in Rice ( <i>Oryza sativa</i> L.)      | J. A. Surani Chaturika        |
| 14:50 – 15:00    | 342  | Calibrations of phosphorus and potassium modules for an integrated crop macro-nutrients model                              | Kefeng Zhang                  |
| 15:00 – 15:10    | 1485 | Changes in nutrients reserves of agricultural soils of the eastern lowlands of Georgia                                     | Giorgi Ghambashidze           |



International Union of Soil Sciences



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