



Summary

Scientific articles

Vulnerability of groundwater in the semiarid region of Bahia, municipality of Tucano, by GOD method	7
Yuri dos Santos Nascimento, Janisson Batista de Jesus, Ricardo Lacerda Gomes	
Use of drone with digital photographic machine embedded for determination of leaf cover ..	17
Roger Nabeyama Michels, Janksyn Bertozzi, Tatiane Cristina Dal Bosco, Marcelo Augusto de Aguiar e Silva, Estor Gnoatto, Cinthia Harumi Endo Soares	
Sensibility of sugarcane cultivars to pre and post-emergence herbicides	27
Fernanda Maria Rodrigues Castro, Adriano Teodoro Bruzi, Marcos Machado Mourão, Luiz Antônio de Bastos Andrade, Adenilson Henrique Gonçalves, José Airton Rodrigues Nunes	
Pumping yield of a PVC hydraulic ram prototype	37
Gustavo Eiji Ykeda, Fernando da Silva Barbosa, Miguel Angel Isaac Toledo del Pino	
Hypsometric models adjusted for a fragment of <i>Sensu stricto</i> Cerrado in Tocantins, Brazil	49
Igor Elói Silva Machado, Paulo Cesar Alves de Oliveira Medeiros, Marla Guedes Cordeiro Carvalho, Claudia Alicia Marin Perez, Thiago Franco Santana, Valdir Carlos de Lima Andrade	
Phenology of Arborial Species for recovering degraded areas in the municipality of Machado, MG	63
Danilo Oliveira de Castro Lima, Walnir Gomes Ferreira Júnior, Wander Duarte Cruz Júnior	
Use of coproducts from vermiculite extraction in the production of <i>Piptadenia stipulacea</i> (Benth.) Ducke seedlings	75
Maria José de Holanda Leite, Olaf Andreas Bakke	
Poisonous flora at IFSULDEMINAS – Machado Campus, in Machado city, state of Minas Gerais ...	87
Marco Antonio Chiminazzo, Renon Santos Andrade, Leonardo Pazzini Vieira, Walnir Gomes Ferreira Júnior	
Príprioca essential oil and nutritional content in response to organic fertilization and liming	101
Jessivaldo Rodrigues Galvão, Tiago Kesajiro Moraes Yakuwa, Júlio Cesar Gomes Costa, Deivison Rodrigues da Silva, Karine Costa de Almeida, Leonardo Brandão Araújo	
Physical attributes of a Dystroferric Red Latosol (Oxisol) under different management systems ...	111
Leandro Campos Pinto, Wantuir Filipe Teixeira Chagas, Francisco Hélcio Canuto Amaral	