



Summary

Efficient Microorganisms in lettuce cultivation	9
Westefann dos Santos Sousa, José Roberto Verginio de Pontes, Osmanny Francisco Pereira de Melo	
Seeder-fertilizer performance with two furrowing mechanisms and sowing speed	18
Antonio Luiz Viegas Neto, Cristiano Márcio Alves de Souza, Sálvio Napoleão Soares Arcosverde, Izidro dos Santos de Lima Junior, Lígia Maria Maraschi da Silva Piletti	
Multivariate analysis of bathymetry in the evaluation of reservoirs in Serra Talhada, Pernambuco, Brazil	27
Alan Cézar Bezerra, Renata Akemi Shinozaki-Mendes, Geber Barbosa de Albuquerque Moura	
Evaluation of the productivity and plant health of pruned coffee intercropped with annual crops	37
Marcela Cristina Silva de Oliveira, Paula Tristão Santini, Ana Paula da Silva Rezende, Miguel Funchal, Tiago Teruel, José Marcos Angélico de Mendonça	
Herbicidal potential of Araucaria <i>angustifolia</i> (Bertoloni) Otto Kuntze in lettuce seedlings in vitro	49
Nayara Clarete da Penha, Priscila Pereira Botrel, Jéssica Azevedo Batista	
Production of Andropogon <i>gayanus</i> cv. Planáltina dry matter estimated through NDVI ..	59
João Lucas Aires Dias, Paulo Alexandre Rodrigues Pereira, Izaías de Macedo Barros, Pedro Matheus Barboza Barros, Sabino Pereira da Silva Neto	
Pig manure in the production of banana seedlings	70
Waleska Silva Torsian, Leandro da Silva Almeida, Nara Cristina de Lima Silva, Marcella Ferreira Nascimento, Vanessa Cristina Caron	
Economic feasibility for wastewater treatment system composed of wetlands for the wastewater reuse: a case study	79
Robson Muniz McMahon Waite, Eduardo Gomes Salgado, Dirlane de Fátima do Carmo	
Silicon in the morphometry and germination of corn seeds for silage.....	93
Kathery Brennecke, Letícia Sarro, Paulo Henrique Moura Dian, Maria Helena Ferrari, Liandra Maria Abaker Bertipaglia, Weberson Donizete de Castro Amancio	
Susceptibility of four <i>Ipomoea</i> genus weed species to the herbicides saflufenacil or flumioxazin	106
Saul Jorge Pinto de Carvalho, Leonardo Ferreira Nery, Carlos Alberto Borges Madeira, Jeisiane de Fátima Andrade, Jéssica Cursino Presoto	