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RELATÓRIO FINAL

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Comunidade microbiana do solo e seleção rizosférica pelo milho e *Urochloa ruziziensis* em sistema consorciado com aplicações de calcário e fosfogesso

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Agosto de 2023

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COMUNIDADE MICROBIANA DO SOLO E SELEÇÃO RIZOSFÉRICA PELO MILHO E *Urochloa ruziziensis* EM SISTEMA CONSORCIADO COM APLICAÇÕES DE CALCÁRIO E FOSFOGESSO

Relatório de Pós-doutorado realizado na Universidade Estadual Paulista (UNESP), Faculdade de Ciências Agronômicas, Botucatu.

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to be the main modulator of the soil microbiome, and that rhizosphere selection by cultivated plants is dependent on the changes caused by soil amendments. Important results were identified related to nitrogen cycle responses, in particular greater urealysis in soils treated with L and LPG, as well as the presence of mycorrhizae in high fertile soils treated with LPG. Lastly, further analysis is required to gain a better grasp the mechanisms by which the intercropped plants select the rhizospheric community.

Conflict of Interest

The authors declare that they have no competing interests.

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