

10.1071/CP19076_AC

© CSIRO 2019

Supplementary Material: *Crop & Pasture Science*, 2019, **70**, 899–907.

Associative diazotrophic bacteria from forage grasses in the Brazilian semi-arid region are effective plant growth promoters

Gabiane dos Reis Antunes^A, Sheilla Rios Assis Santana^A, Indra Elena Costa Escobar^B, Marivaine da Silva Brasil^C, Gherman Garcia Leal de Araújo^D, Tadeu Vinhas Voltolini^D and Paulo Ivan Fernandes-Júnior^{D,E}

^AColegiado de Zootecnia, Universidade Federal do Vale do São Francisco, Petrolina, PE, 56300-000, Brazil.

^BColegiado de Farmácia, Universidade Federal do Vale do São Francisco, Petrolina, PE, 56304-917, Brazil.

^CCampus Pantanal, Universidade Federal do Mato Grosso do Sul, Corumbá, MS, 79304-902, Brazil.

^DEmbrapa Semiárido, Petrolina, PE, 56302-970, Brazil.

^ECorresponding author. Email: paulo.ivan@embrapa.br

Supplementary Material table

Table S1. Characteristic of soil fertility for the soils sample used in the plant growth promotion experiment.

pH	C	P	K	Na	Ca	Mg	Al	SB ¹	CEC ²	EC ³	BSat ⁴
(water)	g kg ⁻¹			mg kg ⁻³				cmol _c kg ⁻³		mS cm ⁻¹	%
6.8	9.80	61	349	5.47	931	232	0.00	1.51	10.12	1.28	75.6

1 – Sum of bases (Ca+Mg+K+Na)

2 – Cation exchange capacity

3 – Electrical conductivity (Saturation solution method)

4 – Base saturation

Reference

EMPRESA BRASILEIRA DE PESQUISA AGROPECUÁRIA — EMBRAPA. Manual de métodos de análises de solo. 2.ed. Rio de Janeiro, Ministério da Agricultura e do Abastecimento, 1997. 212p. [in Portuguese].