

LAB RESULTS REPORT

Surat
QLD 4417

Service Provider: Dawson Agriculture
Advisor/Contact: Jeremy Dawson
Phone: 0484 058 231

Sample No	130966035	130966036	130966037	
Paddock Name	Silos	Silos	Silos	
Sample Name				
Sample Depth (cm)	0 - 10	10 - 30	30 - 60	
Sampling Date	13/05/2025	13/05/2025	13/05/2025	
Test Code	E33	E33	E18	
Sample Type	Soil	Soil	Soil	
Analyte	Unit	Result	Result	Result
Soil Colour		Grey	Grey	-
Soil Texture		Clay	Clay	-
pH (1:5 Water)		8.9	9.1	9.2
pH (1:5 CaCl2)		7.9	8.1	8.2
Electrical Conductivity (1:5 water)	dS/m	0.14	0.18	0.23
Electrical Conductivity (Sat. Ext.)	dS/m	0.9	1.1	-
Chloride	mg/kg	14	<10	13
Organic Carbon (W&B)	%	0.63	0.46	-
Organic Matter (W&B * 1.72)	%	1.1	0.79	-
Nitrate Nitrogen	mg/kg	0.98	5.8	5.8
Ammonium Nitrogen	mg/kg	2.3	3.6	2.0
Phosphorus (Colwell)	mg/kg	7.7	<5.0	-
Phosphorus (BSES)	mg/kg	32	28	-
Phosphorus Buffer Index		95	100	-
Sulphur (KCl40)	mg/kg	-	-	4.0
Sulphur (MCP)	mg/kg	1.5	2.5	-
Cation Exch. Cap. (CEC)	cmol(+)/kg	43.8	46.6	-
Calcium (Amm-acet.)	cmol(+)/kg	32	34	-
Magnesium (Amm-acet.)	cmol(+)/kg	8.5	9.0	-
Sodium (Amm-acet.)	cmol(+)/kg	2.2	3.3	-
Potassium (Amm-acet.)	cmol(+)/kg	0.65	0.45	-

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Purchase Order:

Analyte	Unit	Result	Result	Result
Available Potassium	mg/kg	250	180	-
Aluminium (KCl)	cmol(+)/kg	<0.10	<0.10	-
Aluminium % of Cations	%	<1	<1	-
Calcium % of Cations	%	74	73	-
Magnesium % of Cations	%	19	19	-
Sodium % of Cations (ESP)	%	5.0	7.2	-
Potassium % of Cations	%	1.5	0.96	-
Calcium/Magnesium Ratio		3.8	3.8	-
Zinc (DTPA)	mg/kg	0.71	0.33	-
Copper (DTPA)	mg/kg	0.78	0.72	-
Iron (DTPA)	mg/kg	13	14	-
Manganese (DTPA)	mg/kg	4.6	3.1	-
Boron (Hot CaCl ₂)	mg/kg	0.74	1.0	-
Silicon (BSES)	mg/kg	1600	1500	-