

## COMPOST ANALYSIS REPORT

1 sample supplied by JR Richards & Sons Pty Ltd on the 2 May 2024. Lab Job No. R3765.  
 Analysis requested by Phil Hay. **Your Job: Mol Irrigation 2024.**

15 Brickworks Lane SOUTH GRAFTON NSW 2460

		<b>Sample ID:</b>	<b>Sample 1</b>
		<b>Crop:</b>	<b>Mol Irrigation 2024</b>
		<b>Client:</b>	<b>N/G</b>
			<b>JRRS</b>
			<b>R3765/1</b>
Parameter	Method reference		
Phosphorus Sorption (mg P/kg)	**Inhouse S18b (Based on Abbott 1985)		430

### Notes:

- All results presented as a 40°C oven dried weight. Soil sieved and lightly crushed to < 2 mm.
- Methods from Rayment and Lyons, 2011. *Soil Chemical Methods - Australasia*. CSIRO Publishing: Collingwood.
- Soluble Salts included in Exchangeable Cations - NO PRE-WASH (unless requested).
- 'Morgan 1 Extract' adapted from 'Science in Agriculture', 'Non-Toxic Farming' and LaMotte Soil Handbook.
- Guidelines for phosphorus have been reduced for Australian soils.
- Indicative guidelines are based on 'Albrecht' and 'Reams' concepts.
- Total Acid Extractable Nutrients indicate a store of nutrients.
- National Environmental Protection (Assessment of Site Contamination) Measure 2013, Schedule B(1) - Guideline on Investigation Levels for Soil and Groundwater. Table 5-A Background Ranges.
- Information relating to testing colour codes is available on sheet 2 - 'Understanding your agricultural soil results'.
- Conversions for 1 cmol<sub>c</sub>/kg = 230 mg/kg Sodium, 390 mg/kg Potassium, 122 mg/kg Magnesium, 200 mg/kg Calcium
- Conversions to kg/ha = mg/kg x 2.24
- The chloride calculation of Cl mg/L = EC x 640 is considered an estimate, and most likely an over-estimate
- \*\* NATA accreditation does not cover the performance of this service.
- Analysis conducted between sample arrival date and reporting date.
- This report is not to be reproduced except in full. Results only relate to the item tested.
- All services undertaken by EAL are covered by the EAL Laboratory Services Terms and Conditions (refer SCU.edu.au/eal).
- This report was issued on 24/05/2024.

Quality Checked: Kris Saville  
 Agricultural Co-Ordinator

