

Electrochemical Stability Index	0.007
Organic carbon (Walkley Black) %	1.40 - Satisfactory
Nitrate nitrogen (KCl) mg/kg	2 - Low
Ammonium nitrogen (KCl) mg/kg	2 - Sufficient
Phosphorus (Colwell) mg/kg	12 - Low
Phosphorus Buffer Index (PBI)	45 - Low
Potassium (Amm-acet.) cmol+/kg	0.47 - Sufficient
Sulfate-S (KCl40) mg/kg	3.0 - Low
Calcium (Amm-acet.) cmol+/kg	2.3 - Sufficient
Calcium:magnesium ratio	2.3
Magnesium (Amm-acet.) cmol+/kg	1.0 - Sufficient
Sodium (Amm-acet.) cmol+/kg	0.32 - Sufficient
Aluminium (KCl) cmol+/kg	0.10
eCEC cmol+/kg	4.2 - Satisfactory
Aluminium % Saturation (Group)	2.4 - Satisfactory
Magnesium % cations	23.7 - Satisfactory
Sodium % cations	7.7 - High
Copper (DTPA) mg/kg	0.2 - Low
Zinc (DTPA) mg/kg	0.5 - Sufficient
Manganese (DTPA) mg/kg	10.0
Iron (DTPA) mg/kg	140.0
Phosphorus Environmental Risk Index	0.30
Sodium:Potassium Ratio	0.7

## NUTRIENT REQUIREMENTS

Paddock Name	End Road
Area represented (ha)	not provided
Target production (t/ha)	4
Growing Season	2013 Winter
<b>NITROGEN (kg/ha)</b>	<b>80.0</b>
<b>PHOSPHORUS (kg/ha)</b>	<b>25.0</b>
<b>SULFUR (kg/ha)</b>	<b>15.0</b>
<b>COPPER (kg/ha)</b>	<b>2.00</b>

Nutrient (Depth 0.00 - 10.00)	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range
pH (1:5 CaCl2)	4.8						4.7 - 7.7
pH (1:5 H2O)	6.0						5.5 - 8.5
EC (1:5 H2O) dS/m	0.05						0.00 - 0.50
EC (se) (dS/m)	0.5						0.0 - 7.7
Chloride (1:5 H2O) mg/kg	28						0 - 250
Organic carbon (Walkley Black) %	1.40						1.20 - 2.00
Nitrate nitrogen (KCl) mg/kg	2	■					20 - 30
Phosphorus (Colwell) mg/kg	12	■					30 - 45
Potassium (Amm-acet.) cmol+/kg	0.47						0.40 - 10.00
Sulfate-S (KCl40) mg/kg	3.0	■					8.0 - 50.0
Calcium (Amm-acet.) cmol+/kg	2.3						10.0 - 100.0
Magnesium (Amm-acet.) cmol+/kg	1.0						0.8 - 200.0
Sodium (Amm-acet.) cmol+/kg	0.32						0.00 - 1.00
Aluminium (KCl) cmol+/kg	0.10						0.00 - 0.50
Aluminium % Saturation (Group)	2.4						0.0 - 5.0
Magnesium % cations	23.7						0.0 - 25.0