

SAMPLING DATE: 27 Mar 2018
RECEIVED DATE: 12 Apr 2018
ANALYSIS DATE: 19 Apr 2018

CROP: Not Provided

LABORATORY: Nutrient Advantage Lab

ANALYSIS

LABORATORY RESULT

Sample Depth (cm)	0.0 - 10.0
Sample Barcode	070120630
Laboratory Report No.	5499281
Product Code	IP-E13
Aluminium (KCl) cmol+/kg	<0.10
Aluminium Saturation %	0.8
Ammonium nitrogen (KCl) mg/kg	4
Boron (hot CaCl ₂) (mg/kg)	0.7
Calcium % of CEC	67.7
Calcium (Amm-Acet) cmol+/kg	8.2
Calcium:Magnesium Ratio (cmol+/kg)	3
Chloride (1:5 H ₂ O) mg/kg	43
Soil Colour	Grey Brown
Copper (DTPA) mg/kg	0.83
EC (1:5 H ₂ O) dS/m	0.14
Iron (DTPA) mg/kg	250.0
Magnesium (Amm-Acet.) cmol+/kg	2.7
Manganese (DTPA) mg/kg	16.0
Nitrate nitrogen (KCl) mg/kg	36
Organic carbon (Walkley Black) %	3.00
pH (1:5 CaCl ₂)	5.0
pH (1:5 H ₂ O)	5.8
Phosphorus (Colwell) mg/kg	30
Potassium % of CEC	7.3
Potassium (Amm-Acet.) cmol+/kg	0.89
Sodium (Amm-Acet.) cmol+/kg	0.23
Soil Texture	Medium Clay
Sulfate-S (KCl40) mg/kg	5.6
Zinc (DTPA) mg/kg	6.80

CALCULATED

CALCULATED RESULT

Calcium:magnesium ratio	3.0
EC (se) (dS/m)	0.9
EC (se) (dS/m) (Cladj)	0.6
eCEC cmol+/kg	12.1
Electrochemical Stability Index	0.074
Exch. sodium %	1.9
Grass Tetany Risk Index (Soil)	0.08
Magnesium % cations	22.3

LABORATORY ANALYSIS RESULTS

Phosphorus Buffer Index (Colwell) (PBIc)	64
Phosphorus Environmental Risk Index	0.50
Sodium:Potassium Ratio	0.3

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Sample Depth (cm)	0.0 - 10.0
Sample Barcode	070120631
Laboratory Report No.	5499292
Product Code	IP-E13
Aluminium (KCl) cmol+/kg	0.26
Aluminium Saturation %	4
Ammonium nitrogen (KCl) mg/kg	14
Boron (hot CaCl ₂) (mg/kg)	0.4
Calcium % of CEC	47.7
Calcium (Amm-Acet) cmol+/kg	3.1
Calcium:Magnesium Ratio (cmol+/kg)	1.3
Chloride (1:5 H ₂ O) mg/kg	120
Soil Colour	Brown
Copper (DTPA) mg/kg	0.46
EC (1:5 H ₂ O) dS/m	0.18
Iron (DTPA) mg/kg	210.0
Magnesium (Amm-Acet.) cmol+/kg	2.4
Manganese (DTPA) mg/kg	28.0
Nitrate nitrogen (KCl) mg/kg	43
Organic carbon (Walkley Black) %	3.60
pH (1:5 CaCl ₂)	4.6
pH (1:5 H ₂ O)	5.3
Phosphorus (Colwell) mg/kg	19
Potassium % of CEC	9.2
Potassium (Amm-Acet.) cmol+/kg	0.60
Sodium (Amm-Acet.) cmol+/kg	0.14
Soil Texture	Clay Loam
Sulfate-S (KCl ₄ 0) mg/kg	7.7
Zinc (DTPA) mg/kg	2.20

CALCULATED

CALCULATED RESULT

Calcium:magnesium ratio	1.3
EC (se) (dS/m)	1.4
EC (se) (dS/m) (Cladj)	1.3
eCEC cmol+/kg	6.5
Electrochemical Stability Index	0.084
Exch. sodium %	2.2
Grass Tetany Risk Index (Soil)	0.11
Magnesium % cations	36.9



LABORATORY ANALYSIS RESULTS

Phosphorus Buffer Index (Colwell) (PBIc)	71
Phosphorus Environmental Risk Index	0.30
Sodium:Potassium Ratio	0.2