

SoilMate Lab Result Status Report

Date Printed :22-Jun-2017 12:43:29 PM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	Paddock 2
Contact	Brett Dodd

Sample Barcode 070096610 Sample Date 18-May-2017
 Adviser Name jim.colquhoun@landmark.com.au Analysis Date 13-Jun-2017

Evaluation Table Pasture NSW Perennial Grass Legume 15 DSE PBI (280 - 840)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range	
pH (1:5 H2O)	6.4	[Progress bar]						5.5 - 8.5
pH (1:5 CaCl2)	5.5	[Progress bar]						4.7 - 7.7
EC (1:5 H2O) dS/m	0.1	[Progress bar]						0.00 - 0.30
EC (se) (dS/m)	0.8	[Progress bar]						0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.6	[Progress bar]						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	30	[Progress bar]						0 - 100
Organic carbon (Walkley Black) %	3.7	[Progress bar]						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	20	[Progress bar]						10 - 25
Ammonium nitrogen (KCl) mg/kg	8	[Progress bar]					OK	0 - 5
Phosphorus (Colwell) mg/kg	72	[Progress bar]					OK	50 - 180
Phosphorus Buffer Index (PBI)	71	[Progress bar]					OK	15 - 280
Phosphorus Environmental Risk Index	1	[Progress bar]						0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.92	[Progress bar]					OK	0.40 - 2.00
Sulfate-S (KCl40) mg/kg	6.4	[Progress bar]					OK	10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	8.2	[Progress bar]						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.4	[Progress bar]						0.8 - 10.0
Magnesium % cations	13.2	[Progress bar]						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.1	[Progress bar]						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.06	[Progress bar]						0.00 - 0.80
Exch. sodium %	0.5	[Progress bar]						0.0 - 6.0
Electrochemical Stability Index	0.207	[Progress bar]						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10	[Progress bar]						0.00 - 0.30
eCEC cmol+/kg	10.6	[Progress bar]						0.0 - 100.0
Copper (DTPA) mg/kg	0.32	[Progress bar]						0.30 - 5.00
Zinc (DTPA) mg/kg	5.1	[Progress bar]						0.50 - 5.00
Manganese (DTPA) mg/kg	13	[Progress bar]						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.6	[Progress bar]						0.5 - 8.0

No Nutrient Risk

SoilMate Lab Result Status Report

Date Printed :22-Jun-2017 12:35:57 PM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	MacPhersons 1
Contact	Bratt Dodd

Sample Barcode 070096608 Sample Date 18-May-2017
 Adviser Name jim.colquhoun@landmark.com.au Analysis Date 13-Jun-2017

Evaluation Table Pasture NSW Perennial Grass Legume 15 DSE PBI (280 - 840)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range	
pH (1:5 H2O)	6.2	[Progress bar]						5.5 - 8.5
pH (1:5 CaCl2)	5.2	[Progress bar]						4.7 - 7.7
EC (1:5 H2O) dS/m	0.05	[Progress bar]						0.00 - 0.30
EC (se) (dS/m)	0.5	[Progress bar]						0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.3	[Progress bar]						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	11	[Progress bar]						0 - 100
Organic carbon (Walkley Black) %	2.2	[Progress bar]						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	11	[Progress bar]					OK.	10 - 25
Ammonium nitrogen (KCl) mg/kg	8	[Progress bar]					OK.	0 - 5
Phosphorus (Colwell) mg/kg	15	[Progress bar]					OK.	50 - 180
Phosphorus Buffer Index (PBI)	66	[Progress bar]					OK.	15 - 280
Phosphorus Environmental Risk Index	0.2	[Progress bar]					OK.	0.00 - 0.85
Potassium (Amm-Acet.) cmol+/kg	0.24	[Progress bar]					OK.	0.40 - 2.00
Sulfate-S (KCl40) mg/kg	4.2	[Progress bar]					OK.	10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	4.6	[Progress bar]						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	0.7	[Progress bar]						0.8 - 10.0
Magnesium % cations	12.8	[Progress bar]						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.05	[Progress bar]						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.07	[Progress bar]						0.00 - 0.80
Exch. sodium %	1.3	[Progress bar]						0.0 - 6.0
Electrochemical Stability Index	0.04	[Progress bar]						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10	[Progress bar]						0.00 - 0.30
eCEC cmol+/kg	5.6	[Progress bar]						0.0 - 100.0
Copper (DTPA) mg/kg	0.34	[Progress bar]						0.30 - 5.00
Zinc (DTPA) mg/kg	2.3	[Progress bar]						0.50 - 5.00
Manganese (DTPA) mg/kg	6	[Progress bar]						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.3	[Progress bar]						0.5 - 8.0

No Nutrient Risk.

SoilMate Lab Result Status Report

Date Printed :22-Jun-2017 12:37:54 PM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	Paddock 3
Contact	Brett Dodd

Sample Barcode 070096609 Sample Date 18-May-2017
 Adviser Name jim.colquhoun@landmark.com.au Analysis Date 13-Jun-2017

Evaluation Table Pasture NSW Perennial Grass Legume 15 DSE PBI (280 - 840)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range	
pH (1:5 H2O)	6.6	[Progress bar]						5.5 - 8.5
pH (1:5 CaCl2)	5.9	[Progress bar]						4.7 - 7.7
EC (1:5 H2O) dS/m	0.21 0.21	[Progress bar]						0.00 - 0.30
EC (se) (dS/m)	1.7	[Progress bar]						0.0 - 2.3
EC (se) (dS/m) (Cladj)	1.2	[Progress bar]						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	72	[Progress bar]						0 - 100
Organic carbon (Walkley Black) %	5.5	[Progress bar]						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	NITRATE 30	[Progress bar]					OK	10 - 25
Ammonium nitrogen (KCl) mg/kg	NITRATE 8	[Progress bar]					OK	0 - 5
Phosphorus (Colwell) mg/kg	ABSORB PBI 330	[Progress bar]					Very High	50 - 180
Phosphorus Buffer Index (PBI)	PBI 100	[Progress bar]						15 - 280
Phosphorus Environmental Risk Index	3.3	[Progress bar]					High	0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	2	[Progress bar]					High	0.40 - 2.00
Sulfate-S (KCl40) mg/kg	23	[Progress bar]					High	10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	9.5	[Progress bar]						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	3.7	[Progress bar]						0.8 - 10.0
Magnesium % cations	23.6	[Progress bar]						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.15	[Progress bar]						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.49	[Progress bar]						0.00 - 0.80
Exch. sodium %	3.1	[Progress bar]						0.0 - 6.0
Electrochemical Stability Index	0.067	[Progress bar]						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10	[Progress bar]						0.00 - 0.30
eCEC cmol+/kg	15.7	[Progress bar]						0.0 - 100.0
Copper (DTPA) mg/kg	0.82	[Progress bar]						0.30 - 5.00
Zinc (DTPA) mg/kg	13	[Progress bar]						0.50 - 5.00
Manganese (DTPA) mg/kg	17	[Progress bar]						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	1.2	[Progress bar]						0.5 - 8.0

phosphorus, potassium + sulphur levels are all High.