SoilMate Lab Result Status Report

Date Printed :21-May-2018 11:34:16 AM

Trading Name	Wingecarribee
Farm	Saleyards - Yards 1
Paddock	Yards 1
Contact	Brett Dodd

Sample Barcode 070126269 **Sample Date** 07-May-2018

Adviser Name jim.colquhoun@landmark.com.au **Analysis Date** 16-May-2018

Evaluation Table Pasture NSW Perennial Grass Legume 12 DSE PBI (70 - 140)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range
pH (1:5 H2O)	5.5						5.5 - 8.5
pH (1:5 CaCl2)	5.3						4.7 - 7.7
EC (1:5 H2O) dS/m	0.87						0.00 - 0.30
EC (se) (dS/m)	5.4						0.0 - 2.3
EC (se) (dS/m) (Cladj)	3.8						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	250						0 - 100
Organic carbon (Walkley Black) %	6.6						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	230						10 - 25
Ammonium nitrogen (KCl) mg/kg	13						0 - 5
Phosphorus (Colwell) mg/kg	280						30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	130						15 - 280
Phosphorus Environmental Risk Index	2.2						0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	1.9						0.30 - 2.00
Sulfate-S (KCl40) mg/kg	140						10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	11						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	3.1						0.8 - 10.0
Magnesium % cations	18.8						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.13						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.52						0.00 - 0.80
Exch. sodium %	3.1						0.0 - 6.0
Electrochemical Stability Index	0.276						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10						0.00 - 0.30
eCEC cmol+/kg	16.5						0.0 - 100.0
Copper (DTPA) mg/kg	3.4						0.30 - 5.00
Zinc (DTPA) mg/kg	36						0.50 - 5.00
Manganese (DTPA) mg/kg	38						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	1.6						0.5 - 8.0

SoilMate Lab Result Status Report

Date Printed :21-May-2018 11:33:11 AM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	Far Paddock
Contact	Brett Dodd

Sample Barcode 070126271 **Sample Date** 07-May-2018

Adviser Name jim.colquhoun@landmark.com.au **Analysis Date** 16-May-2018

Evaluation Table Pasture NSW Perennial Grass Legume 12 DSE PBI (70 - 140)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range
pH (1:5 H2O)	6.8						5.5 - 8.5
pH (1:5 CaCl2)	6.2						4.7 - 7.7
EC (1:5 H2O) dS/m	0.25						0.00 - 0.30
EC (se) (dS/m)	1.6						0.0 - 2.3
EC (se) (dS/m) (Cladj)	1.1						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	74						0 - 100
Organic carbon (Walkley Black) %	2.3						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	67						10 - 25
Ammonium nitrogen (KCl) mg/kg	4						0 - 5
Phosphorus (Colwell) mg/kg	110						30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	81						15 - 280
Phosphorus Environmental Risk Index	1.4						0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	1.5						0.30 - 2.00
Sulfate-S (KCl40) mg/kg	6.7						10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	4.6						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.6						0.8 - 10.0
Magnesium % cations	19.8						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.24						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.4						0.00 - 0.80
Exch. sodium %	4.9						0.0 - 6.0
Electrochemical Stability Index	0.051						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10						0.00 - 0.30
eCEC cmol+/kg	8.1						0.0 - 100.0
Copper (DTPA) mg/kg	0.23						0.30 - 5.00
Zinc (DTPA) mg/kg	1.6						0.50 - 5.00
Manganese (DTPA) mg/kg	9						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.6						0.5 - 8.0

SoilMate Lab Result Status Report

Date Printed :21-May-2018 11:33:45 AM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	Front Paddock
Contact	Brett Dodd

Sample Barcode 070126270 **Sample Date** 07-May-2018

Adviser Name jim.colquhoun@landmark.com.au **Analysis Date** 16-May-2018

Evaluation Table Pasture NSW Perennial Grass Legume 12 DSE PBI (70 - 140)

Nutrient	Result	Low	Marginal	Sufficient	High	Excess	Sufficiency Range
pH (1:5 H2O)	8.3						5.5 - 8.5
pH (1:5 CaCl2)	7.8						4.7 - 7.7
EC (1:5 H2O) dS/m	0.74						0.00 - 0.30
EC (se) (dS/m)	4.6						0.0 - 2.3
EC (se) (dS/m) (Cladj)	4.8						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	830						0 - 100
Organic carbon (Walkley Black) %	2.8						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	4						10 - 25
Ammonium nitrogen (KCl) mg/kg	4						0 - 5
Phosphorus (Colwell) mg/kg	30						30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	240						15 - 280
Phosphorus Environmental Risk Index	0.1						0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	1						0.30 - 2.00
Sulfate-S (KCl40) mg/kg	46						10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	14						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	6.3						0.8 - 10.0
Magnesium % cations	26.9						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.05						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	2.1						0.00 - 0.80
Exch. sodium %	9						0.0 - 6.0
Electrochemical Stability Index	0.082						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10						0.00 - 0.30
eCEC cmol+/kg	23.4						0.0 - 100.0
Copper (DTPA) mg/kg	1.6						0.30 - 5.00
Zinc (DTPA) mg/kg	11						0.50 - 5.00
Manganese (DTPA) mg/kg	27						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	1.3						0.5 - 8.0