

# SoilMate Lab Result Status Report

Date Printed :05-Jun-2019 01:59:41 PM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	MacPhersons 1
Contact	Brett Dodd

Sample Barcode 070117376      Sample Date 27-May-2019  
 Adviser Name jim.colquhoun@landmark.com.au      Analysis Date 04-Jun-2019

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)	5.8							5.5 - 8.5
pH (1:5 CaCl2)	5.3							4.7 - 7.7
EC (1:5 H2O) dS/m	0.49							0.00 - 0.30
EC (se) (dS/m)	3.9							0.0 - 2.3
EC (se) (dS/m) (Cladj)	4.3							0.0 - 2.3
Chloride (1:5 H2O) mg/kg	660							0 - 100
Organic carbon (Walkley Black) %	2.33							2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	32							10 - 25
Ammonium nitrogen (KCl) mg/kg	15							0 - 5
Phosphorus (Colwell) mg/kg	67							30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	56							15 - 280
Phosphorus Environmental Risk Index	1.2							0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.42							0.30 - 2.00
Sulfate-S (KCl40) mg/kg	16							10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	4.1							1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.9							0.8 - 10.0
Magnesium % cations	24.9							0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.07							0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	1.2							0.00 - 0.80
Exch. sodium %	15.7							0.0 - 6.0
Electrochemical Stability Index	0.031							0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10							0.00 - 0.30
eCEC cmol+/kg	7.6							0.0 - 100.0
Copper (DTPA) mg/kg	0.4							0.30 - 5.00
Zinc (DTPA) mg/kg	4							0.50 - 5.00
Manganese (DTPA) mg/kg	17							2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.4							0.5 - 8.0

# SoilMate Lab Result Status Report

Date Printed :05-Jun-2019 02:00:20 PM

Trading Name	Wingecarribee
Farm	MacPhersons
Paddock	Paddock 2
Contact	Brett Dodd

**Sample Barcode** 070117375      **Sample Date** 27-May-2019  
**Adviser Name** jim.colquhoun@landmark.com.au      **Analysis Date** 04-Jun-2019

**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						5.5 - 8.5
pH (1:5 CaCl2)	5.3						4.7 - 7.7
EC (1:5 H2O) dS/m	0.14						0.00 - 0.30
EC (se) (dS/m)	1.1						0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.8						0.0 - 2.3
Chloride (1:5 H2O) mg/kg	51						0 - 100
Organic carbon (Walkley Black) %	3.13						2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	31						10 - 25
Ammonium nitrogen (KCl) mg/kg	6						0 - 5
Phosphorus (Colwell) mg/kg	53						30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	60						15 - 280
Phosphorus Environmental Risk Index	0.9						0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.77						0.30 - 2.00
Sulfate-S (KCl40) mg/kg	11						10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	5.2						1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.3						0.8 - 10.0
Magnesium % cations	17.7						0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.12						0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.07						0.00 - 0.80
Exch. sodium %	1						0.0 - 6.0
Electrochemical Stability Index	0.141						0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10						0.00 - 0.30
eCEC cmol+/kg	7.3						0.0 - 100.0
Copper (DTPA) mg/kg	0.31						0.30 - 5.00
Zinc (DTPA) mg/kg	18						0.50 - 5.00
Manganese (DTPA) mg/kg	15						2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.6						0.5 - 8.0

# SoilMate Lab Result Status Report

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

**Sample Barcode** 070117363      **Sample Date** 27-May-2019  
**Adviser Name** jim.colquhoun@landmark.com.au      **Analysis Date** 04-Jun-2019

**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)	6.3							5.5 - 8.5
pH (1:5 CaCl2)	5.5							4.7 - 7.7
EC (1:5 H2O) dS/m	0.14							0.00 - 0.30
EC (se) (dS/m)	1.1							0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.7							0.0 - 2.3
Chloride (1:5 H2O) mg/kg	33							0 - 100
Organic carbon (Walkley Black) %	2.2							2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	34							10 - 25
Ammonium nitrogen (KCl) mg/kg	17							0 - 5
Phosphorus (Colwell) mg/kg	71							30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	39							15 - 280
Phosphorus Environmental Risk Index	1.8							0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.8							0.30 - 2.00
Sulfate-S (KCl40) mg/kg	13							10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	4.1							1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.3							0.8 - 10.0
Magnesium % cations	20.6							0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.15							0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.11							0.00 - 0.80
Exch. sodium %	1.7							0.0 - 6.0
Electrochemical Stability Index	0.08							0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10							0.00 - 0.30
eCEC cmol+/kg	6.3							0.0 - 100.0
Copper (DTPA) mg/kg	0.39							0.30 - 5.00
Zinc (DTPA) mg/kg	3.6							0.50 - 5.00
Manganese (DTPA) mg/kg	12							2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.6							0.5 - 8.0