

SoilMate Lab Result Status Report

Date Printed :06-May-2020 12:23:18 PM

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

Sample Barcode 070126282 Sample Date 16-Apr-2020
 Adviser Name jim.colquhoun@landmark.com.au Analysis Date 30-Apr-2020

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	0.07							0.00 - 0.30
EC (se) (dS/m)	0.8							0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.4							0.0 - 2.3
Chloride (1:5 H2O) mg/kg	11							0 - 100
Organic carbon (Walkley Black) %	3.8							2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	11							10 - 25
Ammonium nitrogen (KCl) mg/kg	5							0 - 5
Phosphorus (Colwell) mg/kg	49							30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	64							15 - 280
Phosphorus Environmental Risk Index	0.8							0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.75							0.30 - 2.00
Sulfate-S (KCl40) mg/kg	4.2							10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	7.6							1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.5							0.8 - 10.0
Magnesium % cations	15.1							0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.08							0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.05							0.00 - 0.80
Exch. sodium %	0.5							0.0 - 6.0
Electrochemical Stability Index	0.133							0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10							0.00 - 0.30
eCEC cmol+/kg	9.9							0.0 - 100.0
Copper (DTPA) mg/kg	0.26							0.30 - 5.00
Zinc (DTPA) mg/kg	2.3							0.50 - 5.00
Manganese (DTPA) mg/kg	8.8							2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.7							0.5 - 8.0

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

Sample Barcode 070126283 **Sample Date** 16-Apr-2020
Adviser Name jim.colquhoun@landmark.com.au **Analysis Date** 30-Apr-2020

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	0.21							0.00 - 0.30
EC (se) (dS/m)	1.7							0.0 - 2.3
EC (se) (dS/m) (Cladj)	1.8							0.0 - 2.3
Chloride (1:5 H2O) mg/kg	250							0 - 100
Organic carbon (Walkley Black) %	2.84							2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	10							10 - 25
Ammonium nitrogen (KCl) mg/kg	7							0 - 5
Phosphorus (Colwell) mg/kg	49							30 - 50
Phosphorus Buffer Index (Colwell) (PBIc)	51							15 - 280
Phosphorus Environmental Risk Index	1							0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.41							0.30 - 2.00
Sulfate-S (KCl40) mg/kg	8.3							10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	5.2							1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	1.7							0.8 - 10.0
Magnesium % cations	21.2							0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.06							0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.71							0.00 - 0.80
Exch. sodium %	8.9							0.0 - 6.0
Electrochemical Stability Index	0.024							0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10							0.00 - 0.30
eCEC cmol+/kg	8							0.0 - 100.0
Copper (DTPA) mg/kg	0.4							0.30 - 5.00
Zinc (DTPA) mg/kg	2							0.50 - 5.00
Manganese (DTPA) mg/kg	18							2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.5							0.5 - 8.0

SoilMate Lab Result Status Report

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

Sample Barcode 070126284 Sample Date 16-Apr-2020
 Adviser Name jim.colquhoun@landmark.com.au Analysis Date 30-Apr-2020

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)	6.7							5.5 - 8.5
pH (1:5 CaCl2)	6							4.7 - 7.7
EC (1:5 H2O) dS/m	0.1							0.00 - 0.30
EC (se) (dS/m)	1.1							0.0 - 2.3
EC (se) (dS/m) (Cladj)	0.5							0.0 - 2.3
Chloride (1:5 H2O) mg/kg	11							0 - 100
Organic carbon (Walkley Black) %	2.95							2.00 - 5.00
Nitrate nitrogen (KCl) mg/kg	13							10 - 25
Ammonium nitrogen (KCl) mg/kg	6							0 - 5
Phosphorus (Colwell) mg/kg	100							30 - 50
Phosphorus Buffer Index (Colwell) (PBIC)	61							15 - 280
Phosphorus Environmental Risk Index	1.6							0.00 - 0.65
Potassium (Amm-Acet.) cmol+/kg	0.99							0.30 - 2.00
Sulfate-S (KCl40) mg/kg	9.7							10.0 - 50.0
Calcium (Amm-Acet) cmol+/kg	7.4							1.0 - 100.0
Magnesium (Amm-Acet.) cmol+/kg	2.2							0.8 - 10.0
Magnesium % cations	20.5							0.0 - 25.0
Grass Tetany Risk Index (Soil)	0.1							0.00 - 0.07
Sodium (Amm-Acet.) cmol+/kg	0.16							0.00 - 0.80
Exch. sodium %	1.5							0.0 - 6.0
Electrochemical Stability Index	0.067							0.050 - 10.000
Aluminium (KCl) cmol+/kg	0.10							0.00 - 0.30
eCEC cmol+/kg	10.8							0.0 - 100.0
Copper (DTPA) mg/kg	0.73							0.30 - 5.00
Zinc (DTPA) mg/kg	5							0.50 - 5.00
Manganese (DTPA) mg/kg	13							2.0 - 200.0
Boron (hot CaCl2) (mg/kg)	0.8							0.5 - 8.0