



RESULTS REPORT - Order No.: 162,900 SOIL ANALYSIS

ISO 9001:2015

BUREAU VERITAS
Certification

Producer: Rodrigo Ariztia De Castro
Estate: Santa Cecilia

Company :
Return : Rodrigo Ariztia De Castro

Province : Maipo
Commune : Paine
Location : San Miguel

Sampling date : 09-16-2020 Entry date: 09-16-2020

Analysis date : 09-16-2020 Report F.: 10-09-2020

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Barracks Identification	:	No. P5 Test	No. P5 Without Assay
		Thompson S.	Thompson S.
Sampling depth (cm)	:	70	70
Laboratory number	:	226585	226586
Fertility			
pH	(water, ratio 1: 2.5)	1: 2.5	7.9 Lig. Alkaline
C. Electrical	(in extract)	dS / m	8.0 Alkaline
Matter	organic	%	1.7 No problem
Nitrogen available	(N)	mg / kg	23 Lev Salino
Match available	(P)	mg / kg	5.2 High
Potassium available	(K)	mg / kg	43 Suitable
			46 Suitable
			10 Half
			4 Very low
			244 Suitable
			215 Suitable
Interchangeable Cations			
Calcium	(AC)	meq / 100g	19.5 High
		% CIC	22.5 High
			81
			80
Magnesium	(Mg)	meq / 100g	3.1 High
		% CIC	4.0 High
			13
			14
Potassium	(K)	meq / 100g	0.62 Suitable
		% CIC	0.55 Suitable
			2.6
			1.9
Sodium	(Na)	meq / 100g	0.60 Half
		% CIC	1.1 High
			2.5
			3.9
Sum of bases (Ca + Mg + K + Na)			23.8
			28.1
CIC (Cap. Cationic Exchange)		meq / 100g	24.2
			28.3
Available trace elements			
	(Faith)	mg / kg	18.9 Suitable
			14.0 Suitable
Manganese	(Mn)	mg / kg	16.0 High
			10.6 High
Zinc	(Zn)	mg / kg	2.6 Suitable
			0.65 Half
Copper	(Cu)	mg / kg	6.3 Suitable
			6.7 Suitable
Boron	(B)	mg / kg	2.8 High
			3.2 High

Equivalences. C. Electrical: dS / m = mmhos / cm; Nutrients: mg / kg = ppm; Interchangeable Cat.: cmol + / kg = meq / 100g



R. Espinoza
Rosa Espinoza Astudillo
Jefe Laboratorio

Notes:

- Agrolab is accredited by the Commission for Standardization and Accreditation (CNA) of the Chilean Society of Soil Science to perform soil analysis.
- Methodologies: pH: in water, 1: 2.5 ratio. C. Electrical: saturated extract. Organic matter: Walkley and Black. N: Bremmer. Q: Olsen. K, Ca, Mg, Na: AcNH₄. To int: KCl. CIC: AcNa. Fe, Mn, Zn, Cu: DTPA. B hot water. Texture: Bouyouco. D.aparente: lump with paraffin. Moisture retention: Pressure plates (Richards).
- This report should not be partially reproduced without the written authorization of the laboratory.
- The results are valid only for the analyzed samples which were provided by the customer

José Domingo Cañas # 2914 - Santiago - Telephone: (02) 225 80 87 - e-mail: laboratory@agrolab.cl