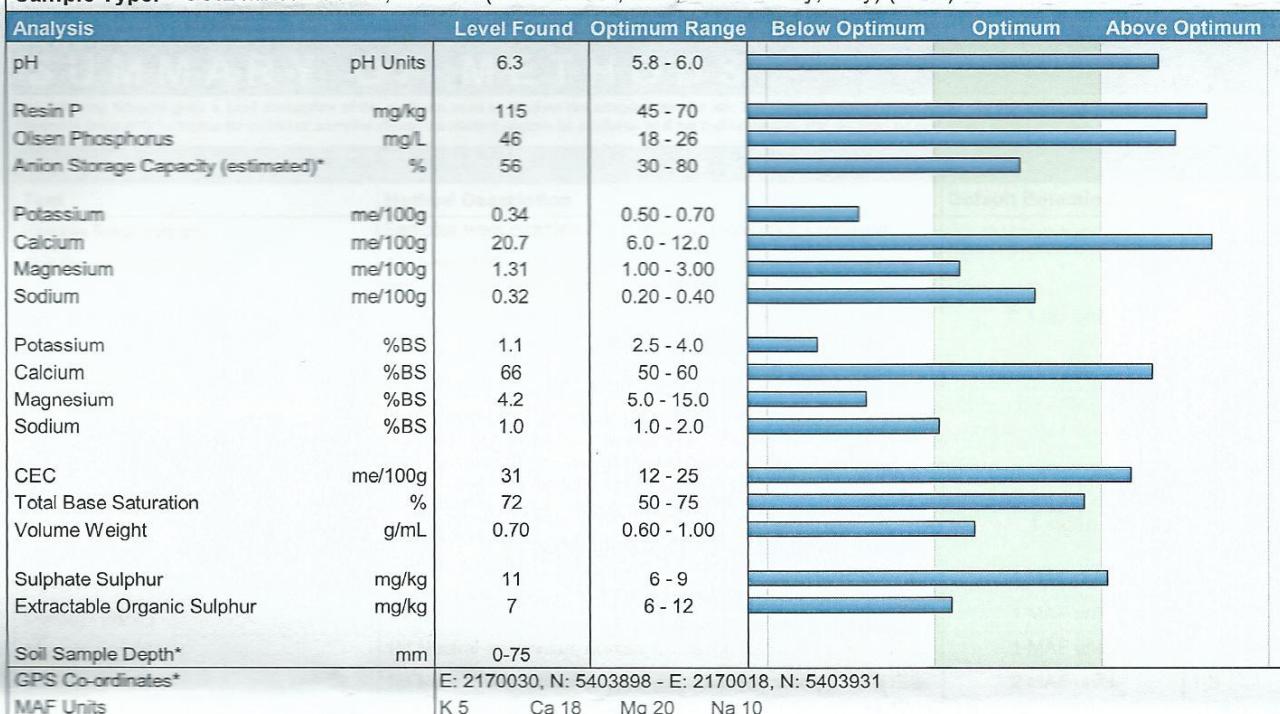


ANALYSIS REPORT

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Client:	Southern Star Farms	Lab No:	1023779	sqhnv1
Address:	C/- D Crack 108 Moffat Road RD 5 INVERCARGILL 9875	Date Registered:	06-Jul-2012	
		Date Reported:	11-Jul-2012	
		Quote No:		
		Order No:		
		Client Reference:	3006914	
		Add. Client Ref:	Dairy Farm Lawson Rd	
Phone:	03 239 5444	Submitted By:	C Galbraith	

Sample Name: Pdk #42 **Lab Number:** 1023779.3
Sample Type: SOIL Mixed Pasture, M-H SR (low ash YBL, YBE, Sedimentary, Clay) (S169)



The above nutrient graph compares the levels found with reference interpretation levels. NOTE: It is important that the correct sample type be assigned, and that the recommended sampling procedure has been followed. R J Hill Laboratories Limited does not accept any responsibility for the resulting use of this information. IANZ Accreditation does not apply to comments and interpretations, i.e. the 'Range Levels' and subsequent graphs.

Analyst's Comments

The above results, as shown in the Level Found column, were determined by Hill Laboratories. The Optimum Range values, the subsequent bar graphs and the comments below were provided by Altum Nutrition, in accordance with their agronomic model for sustainable agriculture

OLSEN - EFFECT OF FERTILISER TYPE:

Farms with a history of soluble P use (eg superphosphate) should have P levels at the higher end of the optimum range. Where RPR has been used for a few years or more, the lower end of the range is satisfactory because the Olsen test does not measure RPR residues in the soil.

The Sulphate-S soil test measures only the immediately available sulphur. It does not measure elemental sulphur residues nor organic reserves of this element, both of which are often major sources of sulphur to the plants. Interpretation of this result should take account of these factors.