

## PLANT LEAF ANALYSIS REPORT

XX samples supplied by XX on XX, XX - Lab Job No. XX.

Analysis requested by XX.

				<b>Sample 1</b> 28°49'02.9"S 153°17'57.1"E Environmental	<b>Sample 2</b> #1 Soil Analysis	<b>Sample 3</b> Good #1 Laboratory
				<b>Sample ID:</b>		
				<b>Crop:</b>		
				<b>Client:</b>	..	..
	<i>Nutrient</i>		<i>Units</i>	XXXX/1	XXXX/2	XXXX/3
Macronutrients	Nitrogen	N	%	1.30	1.12	1.39
	Phosphorus	P	%	0.10	0.08	0.11
	Potassium	K	%	0.47	0.52	0.61
	Sulfur	S	%	0.16	0.13	0.16
	Carbon	C	%	48.8	50.9	51.0
	Calcium	Ca	%	0.29	0.34	0.46
	Magnesium	Mg	%	0.86	0.76	0.78
	Sodium	Na	%	0.02	0.03	0.02
Micronutrients	Copper	Cu	mg/kg	17	21	11
	Zinc	Zn	mg/kg	41	97	18
	Manganese	Mn	mg/kg	190	266	110
	Iron	Fe	mg/kg	417	1,706	421
	Boron	B	mg/kg	13	10	9.1
	Molybdenum	Mo	mg/kg	<0.2	0.5	0.2
	Cobalt	Co	mg/kg	0.4	1.9	0.3
	Silicon	Si	mg/kg	1,793	1,286	1,566
Calculations	Nitrogen : Sulfur	ratio	units	9.2	10.3	10.4
	Nitrogen : Phosphorus	ratio	units	15.2	16.9	15.2
	Nitrogen : Potassium	ratio	units	3.2	2.5	2.6
	Carbon : Nitrogen	ratio	units	43.6	52.7	42.4
	Crude Protein	ratio	%	8.1	7.0	8.7

### Agricultural laboratory testing notes:

- All analysis is dry weight - Samples dried at 70°C for 24 hours prior to fine grinding
- Unless requested, leaf samples are NOT washed to remove salt spray or liquid fertilizers prior to analysis
- Samples are microwave digested with nitric acid and read on the ICP-MS
- Carbon / Nitrogen / Sulfur measured using a LECO CNS2000 Analyser
- mg/kg = ppm
- By Calculation:- Crude Protein = %N x 6.25
- Nitrate / Ammonium / Chloride measured on a water extract.
- Moisture based on sample dried at 105°C

Quality Checked: Kris Saville  
Manager, Agricultural testing division