

## Analytical Results

**Sample: 'Forest Field'**

**Simply Soil Testing**

Customer:	Mark Walker 493 Berry Rd Chehalis, WA 98532	Date received:	12/03/21
		Report date:	12/09/21
		Sample reference #:	08576
		Plant code:	75 - Hemp
Organic Fertilizers:	Yes	Tests requested:	Basic, OrgM, B, S, Zn, Mn, Cu, Fe

RESULTS		INTERPRETATION				
Nutrient	Level	Low	Medium	High	V High	Result
Nitrogen (nitrate-N)	2 ppm					Low
Phosphorus (P)	44 ppm					High
Potassium (K)	157 ppm					High
Calcium (Ca)	905 ppm					Medium
Magnesium (Mg)	137 ppm					High
Boron (B)	0.54 ppm					High
Sulfur (S as SO4)	8.6 ppm					Very High
Organic Matter	9.2 %					High

Micronutrients		Critical Range	Result
Zinc	1.2 ppm	0.4 - 0.8 ppm	High
Manganese	9.1 ppm	0.5 - 1.0 ppm	Very High
Copper	0.6 ppm	0.2 - 0.5 ppm	High
Iron	77.5 ppm	1.9 - 3.8 ppm	Very High

## Heavy Metals Analysis

	Measured level in soil sample	Typical levels in soil	Safe Levels	Result
Lead (Pb)	12 ppm	3 - 50 ppm	< 400 ppm	Safe
Cadmium (Cd)	1.2 ppm	0.2 - 1.5 ppm	< 10 ppm	Safe
Arsenic (As)	1.8 ppm	0.1 - 10 ppm	< 50 ppm	Safe
Nickel (Ni)	35 ppm	5 - 100 ppm	< 500 ppm	Safe