

# Soil Report

Job Name: **Margaret Johnson**

Date: 9/11/2024

Company: **Margaret Johnson WA**

Submitted By:

Sample Location		Happyday				
Sample ID						
Lab Number		29				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		27.79				
pH of Soil Sample		6.9				
Organic Matter, Percent		>20				
ANIONS	SULFUR: p.p.m.	943				
	Mehlich III Phosphorous: as (P <sub>2</sub> O <sub>5</sub> ) lbs / acre	2080				
EXCHANGEABLE CATIONS	CALCIUM: Desired Value lbs / acre Value Found Deficit	8930				
	MAGNESIUM: Desired Value lbs / acre Value Found Deficit	371				
	POTASSIUM: Desired Value lbs / acre Value Found Deficit	1548				
	SODIUM: lbs / acre	124				
BASE SATURATION %	Calcium (60 to 70%)	80.34				
	Magnesium (10 to 20%)	5.56				
	Potassium (2 to 5%)	7.14				
	Sodium (.5 to 3%)	0.97				
	Other Bases (Variable)	4.50				
	Exchangable Hydrogen (10 to 15%)	1.50				
TRACE ELEMENTS	Boron (p.p.m.)	0.53				
	Iron (p.p.m.)	120				
	Manganese (p.p.m.)	11				
	Copper (p.p.m.)	1.8				
	Zinc (p.p.m.)	6.15				
	Aluminum (p.p.m.)	30				
OTHER	Ammonium (p.p.m.)	0.2				
	Nitrate (p.p.m.)	129.9				
	Media Density g/cm3	0.34				

**Logan Labs, LLC**