

Soil Report

Job Name **Snow Creek Source LLC**

Date **1/27/2025**

Company **Snow Creek Source LLC**

Submitted By

Sample Location			Snow Creek	Snow Creek			
Sample ID			E Field	W Field			
Lab Number			17	18			
Sample Depth in inches			6	6			
Total Exchange Capacity (M. E.)			7.32	6.17			
pH of Soil Sample			5.8	5.9			
Organic Matter, Percent			2.74	2.86			
ANIONS	SULFUR:	p.p.m.	9	7			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	141	110			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value	1989	1677			
	lbs / acre	Value Found	1397	1256			
		Deficit	-592	-421			
	MAGNESIUM:	Desired Value	210	200			
	lbs / acre	Value Found	364	333			
		Deficit					
	POTASSIUM:	Desired Value	228	200			
	lbs / acre	Value Found	213	94			
		Deficit	-15	-106			
	SODIUM:	lbs / acre	33	29			
BASE SATURATION %	Calcium (60 to 70%)		47.74	50.92			
	Magnesium (10 to 20%)		20.73	22.50			
	Potassium (2 to 5%)		3.73	1.95			
	Sodium (.5 to 3%)		0.99	1.04			
	Other Bases (Variable)		5.80	5.60			
	Exchangable Hydrogen (10 to 15%)		21.00	18.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.26	0.22			
	Iron (p.p.m.)		106	106			
	Manganese (p.p.m.)		7	4			
	Copper (p.p.m.)		1.42	1.48			
	Zinc (p.p.m.)		1.07	0.79			
	Aluminum (p.p.m.)		527	543			
OTHER	Cobalt ppm		0.093	0.045			
	Molybdenum ppm		< 0.02	< 0.02			
	Ammonium (p.p.m.)		0.6	0.5			
	Nitrate (p.p.m.)		23.6	1			
	Selenium ppm		0.58	0.49			
	Silicon ppm		22.4	19			
	Estimated Nitrogen Release #N/Acre		75	77			
	EC mmhos/cm		0.19	0.02			