

STUKENHOLTZ LABORATORY, INC.

2924 Addison Avenue East, P.O. Box 353 Twin Falls, ID 83301

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UNITED SOIL SCIENCE
2560 N 3000 W
DELTA, UT 84624

Tel: 435-864-2300
Report No: 97481
Date Received: 9/6/2022
Date Reported: 9/7/2022

<u>SOIL TEST DATA</u>	<u>Sample 1</u>	<u>Sample 2</u>	<u>Sample 1</u>	<u>Sample 2</u>
pH	8.6	VH	Grower	SUPER SOIL
Salts, mmhos/cm	1.2	L	Sample Identity	TOP SOIL - FERROZITE
Chlorides, ppm	49	M	Crop	NONE GIVEN
Sodium, meq/100g	0.40	VL	Yield Goal	NA
CEC, meq/100g	11.4	M	Acres	
Excess Lime, %	18.1	VH	Prev Crop T/Acre	NONE GIVEN
Organic Matter, %	0.45	VL	Manure T/Acre	
Organic N, lb/Acre	10	VL	Prev Applied Nut	
Ammonium - N, ppm	2.7	VL	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	5	VL	Nitrogen	
Phosphorus, ppm	6	L	P ₂ O ₅ - Phosphate	
Potassium, ppm	68	L	K ₂ O - Potash	
Calcium, meq/100g	8.6	M	Calcium	
Magnesium, meq/100g	2.2	M	Magnesium	
Sulfate - S, ppm	41	VH	Sulfate - Sulfur	
Zinc, ppm	0.6	L	Zinc	
Iron, ppm	7.8	M	Iron	
Manganese, ppm	2.3	L	Manganese	
Copper, ppm	0.3	VL	Copper	
Boron, ppm	0.51	L	Boron	
			Elemental Sulfur	
			Gypsum	
			Lime	
<u>Base Saturation, %</u>			<u>Relation of CEC to Soil Texture</u>	
Potassium (Ideal 3 - 6)	1.9	L	0-5 Sand	18-24 Silt Loam
Calcium (Ideal 65 - 80)	75.4	M	5-12 Loamy Sand	24-36 Clay Loam
Magnesium (Ideal 15 - 25)	19.3	M	12-18 Sandy Loam	36+ Clay
Sodium (Ideal < 3)	3.5	H		

Comments

Both / All No crop data was supplied with sample. Recommendations are available upon request.

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COMPOST/MANURE ANALYSIS

Tel: 435-864-2300

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Date Reported: 9/7/2022

Grower: SUPER SOIL

Sample ID: TOP SOIL - FERROZITE

Nutrients Analyzed	Analysis	
	Dry Wt. Basis	lb/Ton As Received Basis
Total N, (TCN) %	0.12	2.36
Total Carbon %	6.13	120.76
C:N Ratio	52.3:1	
Nitrate-N, ppm	4.00	0.01
P2O5, %	0.059	1.16
K2O, %	0.190	3.74
Calcium, %	17.720	349.08
Magnesium, %	3.660	72.10
Sulfur %	0.110	2.17
Zinc, ppm	14.0	0.028
Iron, ppm	3581.0	7.055
Manganese, ppm	223.0	0.439
Copper, ppm	2.0	0.004
Boron, ppm	2.0	0.004
Sodium, %	0.120	2.36
P, %	0.026	0.5
K, %	0.158	3.1
pH, as received	8.6	
Salts as EC, mmhos/cm	0.6	
Dry Matter, %	98.50	1970