

STUKENHOLTZ LABORATORY, INC.

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2296

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ECO POINT

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225 HUTTON AVE

Report No: 39537

RIFLE, CO 81650

Date Received: 6/9/2020

Date Reported: 6/10/2020

<u>SOIL TEST DATA</u>	<u>Sample 1</u>	<u>Sample 2</u>	<u>Sample 1</u>	<u>Sample 2</u>
pH	6.8	M	Grower	ECO POINT
Salts, mmhos/cm	0.9	L	Sample Identity	NEELEY 18 OFF
Chlorides, ppm	13	L	Crop	ALFALFA
Sodium, meq/100g	0.20	VL	Yield Goal	6 T
CEC, meq/100g	17.9	M	Acres	
Excess Lime, %	0.0	VL	Prev Crop T/Acre	ALFALFA
Organic Matter, %	3.61	H	Manure T/Acre	
Organic N, lb/Acre	120	H	Prev Applied Nut	
Ammonium - N, ppm	9.1	L	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	8	L	Nitrogen	10
Phosphorus, ppm	18	M	P ₂ O ₅ – Phosphate	60
Potassium, ppm	123	L	K ₂ O - Potash	90
Calcium, meq/100g	13.4	VH	Calcium	0
Magnesium, meq/100g	2.9	M	Magnesium	0
Sulfate - S, ppm	10	L	Sulfate - Sulfur	50
Zinc, ppm	1.5	M	Zinc	4
Iron, ppm	15.6	H	Iron	0
Manganese, ppm	6.0	H	Manganese	0
Copper, ppm	0.5	L	Copper	1.0
Boron, ppm	0.74	M	Boron	0
SAR	0.92		Elemental Sulfur	0
			Gypsum	0
			Lime	0

Base Saturation, %

Potassium (Ideal 3 - 6)	2.2	L
Calcium (Ideal 65 - 80)	74.9	M
Magnesium (Ideal 15 - 25)	16.2	M
Sodium (Ideal < 3)	1.1	M

Comments

Crop / Yield 1 Should use a foliar spray containing copper.

Relation of CEC to Soil Texture

0-5 Sand	18-24 Silt Loam
5-12 Loamy Sand	24-36 Clay Loam
12-18 Sandy Loam	36+ Clay