

STUKENHOLTZ LABORATORY, INC.

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2296

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ECO POINT

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225 HUTTON AVE

Report No: 39530

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	8.0	H	Grower	ECO POINT
Salts, mmhos/cm	1.1	L	Sample Identity	NEELEY 7 ONSITE
Chlorides, ppm	18	L	Crop	ALFALFA
Sodium, meq/100g	0.30	VL	Yield Goal	6 T
CEC, meq/100g	18.8	H	Acres	
Excess Lime, %	3.2	M	Prev Crop T/Acre	ALFALFA
Organic Matter, %	1.09	M	Manure T/Acre	
Organic N, lb/Acre	45	M	Prev Applied Nut	
Ammonium - N, ppm	5.1	L	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	5	VL	Nitrogen	30
Phosphorus, ppm	9	L	P ₂ O ₅ – Phosphate	145
Potassium, ppm	136	L	K ₂ O - Potash	80
Calcium, meq/100g	14.3	VH	Calcium	0
Magnesium, meq/100g	3.8	H	Magnesium	0
Sulfate - S, ppm	17	M	Sulfate - Sulfur	30
Zinc, ppm	0.1	VL	Zinc	8
Iron, ppm	9.0	M	Iron	0
Manganese, ppm	2.0	L	Manganese	5
Copper, ppm	0.5	L	Copper	1.0
Boron, ppm	0.47	L	Boron	2.0
SAR	0.89		Elemental Sulfur	0
			Gypsum	0
			Lime	0

Base Saturation, %

Potassium (Ideal 3 - 6)	2.3	L
Calcium (Ideal 65 - 80)	76.1	M
Magnesium (Ideal 15 - 25)	20.2	M
Sodium (Ideal < 3)	1.6	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