

STUKENHOLTZ LABORATORY, INC.

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ECO POINT

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225 HUTTON AVE

Report No: 39535

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	6.9	M	Grower	ECO POINT
Salts, mmhos/cm	0.9	L	Sample Identity	JOHNSON 13 OFF
Chlorides, ppm	12	L	Crop	ALFALFA
Sodium, meq/100g	0.20	VL	Yield Goal	6 T
CEC, meq/100g	17.1	M	Acres	
Excess Lime, %	0.0	VL	Prev Crop T/Acre	ALFALFA
Organic Matter, %	2.24	M	Manure T/Acre	
Organic N, lb/Acre	90	M	Prev Applied Nut	
Ammonium - N, ppm	7.4	L	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	11	M	Nitrogen	5
Phosphorus, ppm	12	M	P ₂ O ₅ – Phosphate	100
Potassium, ppm	145	L	K ₂ O - Potash	70
Calcium, meq/100g	12.9	VH	Calcium	0
Magnesium, meq/100g	3.5	H	Magnesium	0
Sulfate - S, ppm	4	VL	Sulfate - Sulfur	50
Zinc, ppm	0.9	L	Zinc	6
Iron, ppm	7.8	M	Iron	0
Manganese, ppm	7.2	H	Manganese	0
Copper, ppm	0.7	M	Copper	0
Boron, ppm	0.62	M	Boron	1.0
SAR	1.12		Elemental Sulfur	0
			Gypsum	0
			Lime	0
<u>Base Saturation, %</u>			<u>Relation of CEC to Soil Texture</u>	
Potassium (Ideal 3 - 6)	2.7	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)	20.5	M	12-18 Sandy Loam	36+ Clay
Sodium (Ideal < 3)	1.2	M		