

STUKENHOLTZ LABORATORY, INC.

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ECO POINT
225 HUTTON AVE
RIFLE, CO 81650

Tel: 970-213-9207
Report No: 39536
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	1.7	M	Sample Identity	NEELEY 18 ON
Chlorides, ppm	59	M	Crop	ALFALFA
Sodium, meq/100g	0.40	VL	Yield Goal	6 T
CEC, meq/100g	16.1	M	Acres	
Excess Lime, %	4.0	M	Prev Crop T/Acre	ALFALFA
Organic Matter, %	1.03	M	Manure T/Acre	
Organic N, lb/Acre	40	L	Prev Applied Nut	
Ammonium - N, ppm	6.3	L	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	3	VL	Nitrogen	30
Phosphorus, ppm	9	L	P ₂ O ₅ – Phosphate	150
Potassium, ppm	117	L	K ₂ O - Potash	110
Calcium, meq/100g	12.8	VH	Calcium	0
Magnesium, meq/100g	2.5	M	Magnesium	0
Sulfate - S, ppm	45	VH	Sulfate - Sulfur	0
Zinc, ppm	0.8	L	Zinc	6
Iron, ppm	13.7	H	Iron	0
Manganese, ppm	12.3	VH	Manganese	0
Copper, ppm	1.0	M	Copper	0
Boron, ppm	0.47	L	Boron	2.0
SAR	1.36		Elemental Sulfur	0
			Gypsum	0
			Lime	0
<u>Base Saturation, %</u>			<u>Relation of CEC to Soil Texture</u>	
Potassium (Ideal 3 - 6)	2.3	L	0-5 Sand	18-24 Silt Loam
Calcium (Ideal 65 - 80)	79.5	M	5-12 Loamy Sand	24-36 Clay Loam
Magnesium (Ideal 15 - 25)	15.5	M	12-18 Sandy Loam	36+ Clay
Sodium (Ideal < 3)	2.5	M		