

# STUKENHOLTZ LABORATORY, INC.

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ECO POINT

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225 HUTTON AVE

Report No: 39528

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	7.8	H	<b>Grower</b>	ECO POINT
Salts, mmhos/cm	0.9	L	<b>Sample Identity</b>	COX ON SITE
Chlorides, ppm	9	VL	<b>Crop</b>	ALFALFA
Sodium, meq/100g	0.20	VL	<b>Yield Goal</b>	6 T
CEC, meq/100g	18.6	H	<b>Acres</b>	
Excess Lime, %	1.9	M	<b>Prev Crop T/Acre</b>	ALFALFA
Organic Matter, %	2.16	M	<b>Manure T/Acre</b>	
Organic N, lb/Acre	85	M	<b>Prev Applied Nut</b>	
Ammonium - N, ppm	6.5	L	<u>RECOMMENDATIONS, lbs Nutrients or Units per Acre</u>	
Nitrate - N, ppm	6	L	Nitrogen	20
Phosphorus, ppm	12	M	P <sub>2</sub> O <sub>5</sub> – Phosphate	120
Potassium, ppm	131	L	K <sub>2</sub> O - Potash	80
Calcium, meq/100g	15.3	VH	Calcium	0
Magnesium, meq/100g	2.7	M	Magnesium	0
Sulfate - S, ppm	6	L	Sulfate - Sulfur	50
Zinc, ppm	0.5	VL	Zinc	7
Iron, ppm	7.4	M	Iron	0
Manganese, ppm	3.7	M	Manganese	0
Copper, ppm	0.5	L	Copper	1.0
Boron, ppm	0.56	L	Boron	1.5
SAR	0.52		Elemental Sulfur	0
			Gypsum	0
			Lime	0

## Base Saturation, %

Potassium (Ideal 3 - 6)	2.3	L
Calcium (Ideal 65 - 80)	82.3	H
Magnesium (Ideal 15 - 25)	14.5	L
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