

STUKENHOLTZ LABORATORY, INC.

2924 Addison Avenue East, P.O. Box 353 Twin Falls, ID 83301

2296

208-734-3050 Fax: 208-734-3919 www.stukenholtz.com

ECO POINT

Tel: 970-213-9207

225 HUTTON AVE

Report No: 39534

RIFLE, CO 81650

Date Received: 6/9/2020

Date Reported: 6/10/2020

| SOIL TEST DATA | Sample 1 | Sample 2 | Sample 1 | Sample 2 |
|---------------------------|-----------------|-----------------|---|-----------------|
| pH | 7.8 | H | Grower | ECO POINT |
| Salts, mmhos/cm | 1.1 | L | Sample Identity | JOHNSON 13 ON |
| Chlorides, ppm | 26 | M | Crop | ALFALFA |
| Sodium, meq/100g | 0.20 | VL | Yield Goal | 6 T |
| CEC, meq/100g | 20.2 | H | Acres | |
| Excess Lime, % | 1.5 | M | Prev Crop T/Acre | ALFALFA |
| Organic Matter, % | 1.68 | M | Manure T/Acre | |
| Organic N, lb/Acre | 65 | M | Prev Applied Nut | |
| Ammonium - N, ppm | 6.6 | L | RECOMMENDATIONS, lbs Nutrients or Units per Acre | |
| Nitrate - N, ppm | 6 | L | Nitrogen | 20 |
| Phosphorus, ppm | 15 | M | P ₂ O ₅ – Phosphate | 100 |
| Potassium, ppm | 173 | M | K ₂ O - Potash | 40 |
| Calcium, meq/100g | 15.9 | VH | Calcium | 0 |
| Magnesium, meq/100g | 3.5 | H | Magnesium | 0 |
| Sulfate - S, ppm | 10 | L | Sulfate - Sulfur | 50 |
| Zinc, ppm | 1.1 | M | Zinc | 5 |
| Iron, ppm | 8.6 | M | Iron | 0 |
| Manganese, ppm | 3.5 | M | Manganese | 0 |
| Copper, ppm | 0.8 | M | Copper | 0 |
| Boron, ppm | 0.62 | M | Boron | 1.0 |
| SAR | 0.96 | | Elemental Sulfur | 0 |
| | | | Gypsum | 0 |
| | | | Lime | 0 |
| Base Saturation, % | | | Relation of CEC to Soil Texture | |
| Potassium (Ideal 3 - 6) | 2.7 | L | 0-5 Sand | 18-24 Silt Loam |
| Calcium (Ideal 65 - 80) | 78.7 | M | 5-12 Loamy Sand | 24-36 Clay Loam |
| Magnesium (Ideal 15 - 25) | 17.3 | M | 12-18 Sandy Loam | 36+ Clay |
| Sodium (Ideal < 3) | 1.0 | M | | |