

WELD LABORATORIES, INC.

1527 First Avenue • Greeley, Colorado 80631
 Phone: (970) 353-8118 • Fax: (970) 353-1671
 www.weldlabs.com

Weld Laboratories, Inc.
 1527 1st Ave.
 Greeley, CO 80631

Lonnie Dent
4722 W 6th St Rd
Greeley, CO 80634

Date: 4/8/2021

Farmer/Grower: Great Western Oil & Gas
Field No.: Road 1A
 Requested Fertilizer Recommendation:

Laboratory No. S21084-30
Vs. Our Average Ag. Soil
Soil Texture Sandy Clay
pH 7.62
Salts 1:1,mmhos/cm 1.54
Organic Matter, % 1.74

Crop: Native grass
Yield goal: NA
Units: NA
Credits:
Subsoil N ppm:

| | ppm | lbs/acre | Vs. Our Average Ag. Soil |
|------------|------|----------|--------------------------|
| Nitrate-N | 1.4 | 3 | V. Low |
| Phosphorus | 178 | 356 | V. High |
| Potassium | 870 | 1740 | V. High |
| Calcium | 2295 | 4590 | Avg |
| Sulfate-S | 108 | 215 | V. High |
| Boron | 1.1 | 2.2 | Avg |
| Zinc | 6.6 | 13.2 | High |
| Iron | 62.4 | 125 | High |
| Manganese | 9.0 | 18.0 | High |
| Copper | 4.7 | 9.4 | High |
| Magnesium | | | |
| | | | |
| | | | |
| | | | |

Recommendations - add lbs. per acre

| | |
|-----|--------------------------------|
| 66 | #N |
| 0 | #P ₂ O ₅ |
| 0 | #K ₂ O |
| | #Ca |
| 0.0 | #S |
| | #B |
| 0.0 | #Zn |
| | #Fe |
| | #Mn |
| 0.0 | #Cu |
| | #Mg |
| | |

Notes: Based on a mixture of buffalograss and blue grama

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Date: 4/8/2021

Farmer/Grower: Great Western Oil & Gas
Field No.: Pad 1B
Requested Fertilizer Recommendation:

Laboratory No. S21084-31 **Vs. Our Average Ag. Soil**

Soil Texture Sandy Clay

pH 7.54 **Avg**

Salts 1:1,mmhos/cm 2.54 **V. High**

Organic Matter, % 1.92 **Avg**

Crop: Native grass

Yield goal: NA

Units: NA

Credits:

Subsoil N ppm:

| | ppm | lbs/acre | Vs. Our Average Ag. Soil |
|-------------------|------|----------|--------------------------|
| Nitrate-N | 9.3 | 19 | Avg |
| Phosphorus | 220 | 440 | V. High |
| Potassium | 1400 | 2800 | V. High |
| Calcium | 2120 | 4240 | Avg |
| Sulfate-S | 200 | 400 | V. High |
| Boron | 1.0 | 2.1 | Avg |
| Zinc | 7.7 | 15.4 | High |
| Iron | 49.2 | 98 | High |
| Manganese | 11.2 | 22.5 | High |
| Copper | 3.1 | 6.3 | High |
| Magnesium | | | |
| | | | |
| | | | |
| | | | |

Recommendations - add lbs. per acre

| | |
|-----|--------------------------------|
| 50 | #N |
| 0 | #P ₂ O ₅ |
| 0 | #K ₂ O |
| | #Ca |
| 0.0 | #S |
| | #B |
| 0.0 | #Zn |
| | #Fe |
| | #Mn |
| 0.0 | #Cu |
| | #Mg |
| | |

Notes: Based on a mixture of buffalograss and blue grama

Sampling procedures can affect the value of analytical results – customers are advised to use appropriate sampling protocol to ensure samples are truly representative of the bulk sample.