

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

Crop: Native grass

Yield goal: NA

Soil Texture Sandy Clay

Units: NA

pH 7.62

Avg

Credits:

Salts 1:1,mmhos/cm 1.54

High

Subsoil N ppm:

Organic Matter, % 1.74

Avg

	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

Crop: Native grass

Yield goal: NA

Soil Texture Sandy Clay

Units: NA

pH 7.54 Avg

Credits:

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

Subsoil N ppm:

Organic Matter, % 1.92 Avg

	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