

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

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Greeley, CO 80631

Date: 3/24/2025

Farmer/Grower: Weld Labs

Field No.: Section 23

Requested Fertilizer Recommendation:

Laboratory No. S25999-101

**Vs. Our
Average Ag.
Soil**

Crop: Silage Corn

Yield goal: 30

Soil Texture Clay Loam

Units: tons/acre

pH 6.7

Low

Credits:

Salts 1:1,mmhos/cm 0.80

Avg

Subsoil N ppm:

Organic Matter, % 0.93

Low

**Vs. Our
Average
Ag. Soil**

	ppm	lbs/acre	Vs. Our Average Ag. Soil
Nitrate-N	11.3	23	Avg
Phosphorus	4	8	Low
Potassium	38	75	Low
Calcium	4250	8500	High
Sulfate-S	30	59	Avg
Boron	2.6	5.2	V. High
Zinc	2.0	4.0	Avg
Iron	3.2	6	Low
Manganese	10.6	21.2	High
Copper	0.8	1.7	Avg
Magnesium	275	550	Avg
Sodium	115	230	Avg
ECEC (meq/100g)	28.8		

Recommendations - add lbs. per acre

186	#N
46	#P₂O₅
240	#K₂O
	#Ca
0.0	#S
0.0	#B
0.0	#Zn
5.0	#Fe
0.0	#Mn
0.0	#Cu
	#Mg

**Notes: No previous crop credits
 applied. P,Zn rate is for banded P,
 multiply *2 for broadcast P.**

