

Soil Test Report and Fertilizer Recommendations

USU Analytical Labs

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Date Received: 12/5/2023

Date Completed: 12/14/2023

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Soil Park, Water, & incremental Soil Program 2023 Soil PAP NAPT NAPT Participating Laboratory 2023

Phone: 435-893-1184

County: Sevier

Lab Number: 2301-2108 Grower's Comments: Acres in Field:

Identification: 1

Crop to be Grown: Alfalfa

Soil Test Results			Interpretations	Guidelines
Texture		Clay		
рH		7.9	Normal	
Salinity - ECe	dS/m	1.05	Normal	
Phosphorus - P	mg/kg	16.4	Adequate	0 lbs P2O5/A
Potassium - K	mg/kg	290	High	0 lbs K2O/A
Nitrate-Nitrogen - N	mg/kg	21.8		0 lbs N/A
Zinc - Zn	mg/kg	0.24	Very Low	10 lbs Zinc/A
Iron - Fe	mg/kg	5.76	Adequate	
Copper - Cu	mg/kg	1.12	Adequate	
Manganese - Mn	mg/kg	2.32	Adequate	
Sulfate-Sulfur - S	mg/kg	10.6	Adequate	0 lbs Sulfur/A
Organic Matter	%	1.9		
SAR		<u> </u>		

Notes

FOR MORE INFORMATION ABOUT UNDERSTANDING YOUR REPORT SEE:

https://digitalcommons.usu.edu/extension_curgarden/14/

For further assistance, please see your County Agent -- Jody Gale - 435-893-0470 For further information and publications of interest, see the

<u>USU Analytical Lab webpage</u> or <u>Utah State University Extension</u>

Methods Used by USUAL: pH + EC (salinity) + SAR by saturated paste; P + K by Olsen sodium bicarbonate extract - K by AA, P by ascorbic acid/molybdate blue colorimetric; NO3-N by CaOH extract + cadmium reduction; Zn, Fe, Cu, Mn by DTPA + ICP; SO4-S by CaHPO4 + ICP; OM by Walkley-Black

Results only reflect the sample received and may not be indicative of actual field conditions.