

# SOIL ANALYSIS



Submitted by **4207110**  
**Soil Test Pro**

Submitted for  
**SLIFERS SLIFER**

**90 Spruce Street**  
**Murray, KY 42071-3505**

Laboratory Sample #  
**DG49041 - DG49054**

Date Received  
**10-Oct-2025**

Date Reported  
**14-Oct-2025**

Information Sheet #  
**83864**

Field Id: **177529**

Sample ID	Soil pH	Buffer pH	Free Lime	Sol. Salt	OM	NO <sub>3</sub>	Phosphorus		K	Mg	Ca	Na	S	Zn	Mn	Cu	Fe	B	CEC	% Base Saturation				
							Bray I	Olsen												H	K	Mg	Ca	Na
					%	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm	ppm		%	%	%	%	%
66-235	6.3	7.0			3.4		15	--	155	522	2667	13							20.2	10.2	2.0	21.5	66.0	0.3
66-236	5.6	6.7			3.8		21	--	141	408	2154	9							18.9	22.8	1.9	18.0	57.1	0.2
66-237	6.3	7.0			3.0		20	--	150	518	2244	11							17.8	10.4	2.2	24.2	63.0	0.3
66-238	6.0	6.9			3.0		25	--	154	543	2270	10							18.7	12.7	2.1	24.2	60.8	0.2
66-239	6.3	7.0			3.1		18	--	153	538	2243	10							18.1	10.9	2.2	24.8	62.0	0.2
66-240	6.3	6.9			3.7		67	--	245	351	2399	7							17.8	12.5	3.5	16.4	67.3	0.2
66-241	6.4	7.0			3.8		25	--	138	529	2671	10							20.0	9.1	1.8	22.1	66.9	0.2
66-242	6.2	7.0			3.8		41	--	294	885	4157	16							31.1	6.9	2.4	23.7	66.8	0.2
66-243	6.3	7.0			3.0		17	--	164	500	2162	13							17.4	11.4	2.4	23.9	62.0	0.3
66-244	6.8	--			3.1		17	--	155	667	2790	10							20.0		2.0	27.9	69.9	0.2
66-245	6.1	6.8			3.3		27	--	145	477	2091	7							17.5	15.1	2.1	22.7	59.8	0.2
66-246	6.6	--			4.7		15	--	160	531	2886	7							19.3		2.1	22.9	74.8	0.1
66-247	6.4	6.9			4.5		41	--	175	536	2778	8							21.1	10.6	2.1	21.2	65.9	0.2
66-248	6.0	6.7			4.2		14	--	147	454	2112	6							18.5	20.3	2.0	20.4	57.1	0.2

**DISCLAIMER:** Data and information in this report are intended solely for the individual(s) for whom samples were submitted. Reproduction of this report must be in its entirety. Levels listed are guidelines only. Data was reported based on standard laboratory procedures and deviations.

**Farm Nutrients**  
**Gerrad Elliott**  
**101 1st St**  
**Sioux Rapids IA 50585**

**Nutrient Land Application**  
For: (71430) Farm Nutrients  
MALCOM  
6074423

Sample ID: WEST 2    Lab Number: 10253167    Date Sampled: 2025-05-30

## Pounds of Nutrient AR

Parameter	Analysis As Received	per ton	Method	Reviewer-Date
Ammonium nitrogen (total)	0.50 %	10.0	AOAC 2001.11	tat9 2025-06-04 13:21:35
Organic nitrogen	1.80 %	36.0	Calculation	Auto 2025-06-04 13:21:35
Total Kjeldahl nitrogen (TKN)	2.30 %	46.0	AOAC 2001.11	tat9 2025-06-04 13:21:35
Phosphorus (as P2O5)	1.51 %	30.2	AOAC 985.01 (mod)	Auto 2025-06-04 13:21:35
Potassium (as K2O)	1.31 %	26.2	AOAC 985.01 (mod)	Auto 2025-06-04 13:21:35
Sulfur (total)	0.28 %	5.6	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Calcium (total)	5.70 %	114	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Magnesium (total)	0.23 %	4.6	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Sodium (total)	0.18 %	3.6	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Copper (total)	69 ppm	0.14	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Iron (total)	314 ppm	0.63	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Manganese (total)	286 ppm	0.57	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Zinc (total)	288 ppm	0.58	AOAC 985.01 (mod)	tat9 2025-06-04 13:21:35
Moisture	44.7 %		SM 2540 G-(2015)	tat9 2025-06-04 13:21:35
Total solids	55.30 %	1110	Calculation	Auto 2025-06-04 13:21:35
Total salts	7.92 %	158	Calculation	Auto 2025-06-04 13:21:35
pH	7.2 S.U.		EPA 9045C *	tat9 2025-06-04 13:21:35

First year availability of nitrogen is calculated based on pre-plant application with incorporation. Nitrogen available from previous year's application not considered. Total manure salts should not exceed 500 lbs/acre. Less than 500 lbs/acre if annual rainfall is less than 25 inches and/or the soil CEC is less than 12 meq/100g. Salt contributions from commercial fertilizer applications must also be considered. Soil test yearly to monitor phosphorus levels, organic matter, pH, and micronutrients. Spring soil test for residual nitrate - make accurate address recommendations! Nitrogen availability will vary with methods of application and field conditions. The nitrogen availability values used on a manure management plan must comply with state regulations. These regulations vary from state to state.

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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