

Report Number
23130-0000

Account Number
00000



a&lgreatlakes
LABORATORIES
Scientists who don't mind getting dirty.™

3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: NAME
ADDRESS
CITY, IN ZIP

For: GROWER
Farm: FARM
Field: FIELD

SOIL TEST REPORT

Date Received: 5/8/2023

Date Reported: 5/10/2023

Page: 1 of 1

Sample ID	Lab Number	Organic Matter %	Phosphorus P-M3 ppm	Phosphorus P2 ppm	Potassium K-M3 ppm	Magnesium Mg-M3 ppm	Calcium Ca-M3 ppm	Sodium Na-M3 ppm	Soil pH	Buffer pH	CEC meq/100g	% K	% Mg	% Ca	% H	% Na
1	33988	3.2	33 <i>M</i>		139 <i>M</i>	455 <i>VH</i>	1507 <i>L</i>		6.4	6.9	12.9	2.8	29.4	58.5	9.3	
2	33989	2.9	33 <i>M</i>		129 <i>M</i>	281 <i>H</i>	1371 <i>L</i>		6.0	6.8	11.9	2.8	19.6	57.5	20.1	
3	33990	3.9	72 <i>VH</i>		167 <i>H</i>	326 <i>H</i>	1786 <i>M</i>		6.0	6.8	14.5	3.0	18.8	61.7	16.6	
4	33991	3.2	57 <i>H</i>		144 <i>M</i>	251 <i>H</i>	1707 <i>M</i>		6.0	6.8	13.4	2.8	15.6	63.7	17.9	
5	33992	3.9	51 <i>H</i>		168 <i>H</i>	326 <i>H</i>	1921 <i>L</i>		5.9	6.7	16.4	2.6	16.6	58.7	22.0	
6	33993	3.2	40 <i>H</i>		150 <i>M</i>	353 <i>H</i>	1865 <i>M</i>		6.3	6.8	15.1	2.6	19.5	62.0	15.9	
7	33996	3.9	65 <i>VH</i>		187 <i>H</i>	423 <i>H</i>	2219 <i>L</i>		6.0	6.7	18.7	2.6	18.9	59.3	19.3	
8	33997	3.8	47 <i>H</i>		176 <i>H</i>	326 <i>H</i>	2201 <i>M</i>		6.1	6.7	17.8	2.5	15.3	61.9	20.3	
9	33998	2.9	43 <i>H</i>		152 <i>M</i>	309 <i>H</i>	1767 <i>L</i>		5.9	6.7	15.4	2.5	16.7	57.4	23.4	

VL = VERY LOW L = LOW M = MEDIUM H = HIGH VH = VERY HIGH

Sample ID	Sulfur S-M3 ppm	Zinc Zn-M3 ppm	Manganese Mn-M3 ppm	Iron Fe-M3 ppm	Copper Cu-M3 ppm	Boron B-M3 ppm	Soluble Salts (1:2) mmho/cm	Nitrate NO3N ppm	Ammonium NH4N ppm	Bicarb P P ppm	Chloride Cl ppm	Aluminum Al-M3 ppm	Notes
1	8 <i>L</i>	2.7 <i>M</i>	59 <i>H</i>			0.7 <i>M</i>							
2	7 <i>L</i>	2.0 <i>L</i>	67 <i>H</i>			0.2 <i>VL</i>							
3	8 <i>L</i>	2.4 <i>L</i>	18 <i>M</i>			0.6 <i>M</i>							
4	10 <i>M</i>	1.7 <i>L</i>	18 <i>M</i>			0.4 <i>L</i>							
5	10 <i>M</i>	2.6 <i>M</i>	19 <i>M</i>			0.6 <i>M</i>							
6	7 <i>L</i>	2.4 <i>L</i>	28 <i>H</i>			0.5 <i>L</i>							
7	9 <i>M</i>	2.3 <i>L</i>	12 <i>M</i>			0.8 <i>M</i>							
8	7 <i>L</i>	2.1 <i>L</i>	12 <i>M</i>			0.8 <i>M</i>							
9	10 <i>M</i>	1.6 <i>L</i>	28 <i>H</i>			0.4 <i>L</i>							

Report reviewed and approved by our professional agronomy staff.

(A&L-M3)

Report Number
23130-0000

Account Number
00000



a&lgreatlakes
LABORATORIES
Scientists who don't mind getting dirty.™

3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: NAME
ADDRESS
CITY, IN ZIP

For: GROWER
Farm: FARM
Field: FIELD

SOIL FERTILITY RECOMMENDATIONS

Date Received: 5/8/2023

Date Reported: 5/10/2023

Page: 1 of 2

Sample ID	Intended Crop	Previous Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
1	Soybean (TS-IN)	Corn (TS-IN)	65 bu	0.0	0	50	95	0	0	0.0	0		0	0.0
1	Corn (TS-IN)	Soybean (TS-IN)	210 bu	0.0	0	75	60	0	0	0.0	0		0	0.0
2	Soybean (TS-IN)	Corn (TS-IN)	65 bu	1.5	0	50	95	0	0	0.0	0		0	0.0
2	Corn (TS-IN)	Soybean (TS-IN)	210 bu	1.5	0	75	60	0	0	0.0	0		0	0.0
3	Soybean (TS-IN)	Corn (TS-IN)	65 bu	1.5	0	0	95	0	0	0.0	0		0	0.0
3	Corn (TS-IN)	Soybean (TS-IN)	210 bu	1.5	0	0	60	0	0	0.0	0		0	0.0
4	Soybean (TS-IN)	Corn (TS-IN)	65 bu	1.5	0	0	95	0	0	0.0	0		0	0.0
4	Corn (TS-IN)	Soybean (TS-IN)	210 bu	1.5	0	0	60	0	0	0.0	0		0	0.0
5	Soybean (TS-IN)	Corn (TS-IN)	65 bu	2.5	0	0	95	0	0	0.0	0		0	0.0
5	Corn (TS-IN)	Soybean (TS-IN)	210 bu	2.5	0	0	60	0	0	0.0	0		0	0.0
6	Soybean (TS-IN)	Corn (TS-IN)	65 bu	0.0	0	50	95	0	0	0.0	0		0	0.0
6	Corn (TS-IN)	Soybean (TS-IN)	210 bu	0.0	0	75	60	0	0	0.0	0		0	0.0
7	Soybean (TS-IN)	Corn (TS-IN)	65 bu	2.5	0	0	0	0	0	0.0	0		0	0.0
7	Corn (TS-IN)	Soybean (TS-IN)	210 bu	2.5	0	0	0	0	0	0.0	0		0	0.0
8	Soybean (TS-IN)	Corn (TS-IN)	65 bu	2.5	0	0	0	0	0	0.0	0		0	0.0

REPORT PRINTED 5/10/2023 A&L-REC

Samples 1, 2, 3, 4, 5, 6, 7, 8: *Tri-State Corn and Corn Silage N Recs: Corn and corn silage nitrogen rates are based on the Maximum Return to Nitrogen (MRTN) model. Calculating the MRTN requires 4 inputs: 1) location, 2) previous crop grown, 3) price of nitrogen, and 4) expected value of a bushel of corn. The MRTN calculator can be found at <http://cnrc.agron.iastate.edu>.

Samples 2, 3, 4, 5, 7, 8: LIME RECOMMENDATION: The lime recommendation is a one-time application intended for a 3-4 year period. Adjust the application rate based on lime quality.

Report Number
23130-0000

Account Number
00000



a&l great lakes
LABORATORIES
Scientists who don't mind getting dirty.™

3505 Conestoga Dr.
Fort Wayne, IN 46808
260.483.4759
algreatlakes.com

To: NAME
ADDRESS
CITY, IN ZIP

For: GROWER
Farm: FARM
Field: FIELD

SOIL FERTILITY RECOMMENDATIONS

Date Received: 5/8/2023

Date Reported: 5/10/2023 Page: 2 of 2

Sample ID	Intended Crop	Previous Crop	Yield Goal	Lime Tons/A	Nitrogen N lb/A	Phosphate P ₂ O ₅ lb/A	Potash K ₂ O lb/A	Magnesium Mg lb/A	Sulfur S lb/A	Zinc Zn lb/A	Manganese Mn lb/A	Iron Fe lb/A	Copper Cu lb/A	Boron B lb/A
8	Corn {TS-IN}	Soybean {TS-IN}	210 bu	2.5	0	0	0	0	0	0.0	0		0	0.0
9	Soybean {TS-IN}	Corn {TS-IN}	65 bu	2.5	0	0	95	0	0	0.0	0		0	0.0
9	Corn {TS-IN}	Soybean {TS-IN}	210 bu	2.5	0	0	60	0	0	0.0	0		0	0.0

REPORT PRINTED 5/10/2023 A&L-REC

Samples 8, 9: LIME RECOMMENDATION: The lime recommendation is a one-time application intended for a 3-4 year period. Adjust the application rate based on lime quality.
Samples 8, 9: *Tri-State Corn and Corn Silage N Recs: Corn and corn silage nitrogen rates are based on the Maximum Return to Nitrogen (MRTN) model. Calculating the MRTN requires 4 inputs: 1) location, 2) previous crop grown, 3) price of nitrogen, and 4) expected value of a bushel of corn. The MRTN calculator can be found at <http://cnrc.agron.iastate.edu>.