



LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: David Paul
Samples Submitted by: Amy Rogier
Order No: 340043
Client ID: 535
Report Date: 12/03/2018
Farm Name: Stohlhut
Field Name: South 27
Field Acres: 121 N Old US Rt 66
PO Box 8
Hamel, IL 62046

Sample	Water pH	Buffer pH	Pounds Per Acre				Percent Organic Matter	Parts Per Million					ds/m	PPM			Lbs/Ac Bray P2 Olsen P	Percent Saturation					meq/ 100g			
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium		Sulfur	Zinc		Mang- anese	Boron		Iron	Copper	Sodium		SS	NO3-N		Ca	Mg		K	H	Na
									Total	Surf																
1	6.3	6.9	40	128	2744	167	3.0	7.3	1.8	80.5	.57	168.0	1.28	8.0				76.6	7.8	1.8	13.4	.39	9.0	CEC		
2	6.5	7.0	25	126	4030	264	3.7	9.5	1.8	47.9	.56	118.0	1.56	4.8				79.0	8.6	1.3	11.0	.16	12.8			
3	6.3	6.9	61	137	4334	359	3.5	12.5	1.9	58.3	.61	173.0	2.13	9.7				74.8	10.3	1.2	13.4	.29	14.5			
4	6.2	6.8	51	135	2434	197	2.8	6.4	2.1	107.4	.61	217.0	1.32	7.3				71.9	9.7	2.0	16.0	.38	8.5			
5	5.9	6.8	51	89	1890	155	1.6	7.6	1.8	112.1	.52	196.0	.92	7.7				65.9	9.0	1.6	23.0	.47	7.2			
Field Median	6.3	6.9	51	128	2744	197	3.0	7.6	1.8	80.5	.57	173.0	1.32	7.7				74.8	9.0	1.6	13.4	.38	9.0			

	Fertility Level				Intended Crop	Soybean 60 Bu/Ac $N - P_2O_5 - K_2O$ 0 - 0 - 164	Corn Grain 200 Bu/Ac $N - P_2O_5 - K_2O$ 0 - 0 - 164	Fertilizer Recommendations are in Pounds per Acre			
	Field	Median	V Low	Low	Optim.	High	V High				
Water pH	6.3										
Phosphorus	51										
Potassium	128										
Calcium	2744										
Magnesium	197										
Organic Matter	3.0										
Sulfur	7.6										
Zinc	1.8										
Manganese	80.5										
Boron	0.57										
Iron	173.0										
Copper	1.32										
Sodium	7.7										
Olsen P											
Bray P1											
Limestone Recommendations											
0.6 Tons/Acre											
CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2											
Previous Crop: Corn Grain											
Optimum Ranges:											
Water pH: 6.3 - 6.8											
Phosphorus: 45 - 75											
Potassium: 290 - 370											
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.											
Credits: High Fertility											
**ADJUSTED RECOMMENDATIONS											
240 - 86 - 220											

*Phosphorus value is reported as a Bray P1 number based on a Metic III extraction.

Authorized By: *Nicole Rachel*

Data Manager