

MULTI-STATE LAND PORTFOLIO AUCTIONS

Mercer County, IL

**4,869±
Acres**

**4,582± Cropland Acres
(FSA)**

**MERCER COUNTY
SOIL TESTS**

*Held at the Western Illinois
Grand Ballroom, Macomb, IL*

MONDAY, DECEMBER 12 • 10AM

 **SCHRADER**
Real Estate and Auction Company, Inc.

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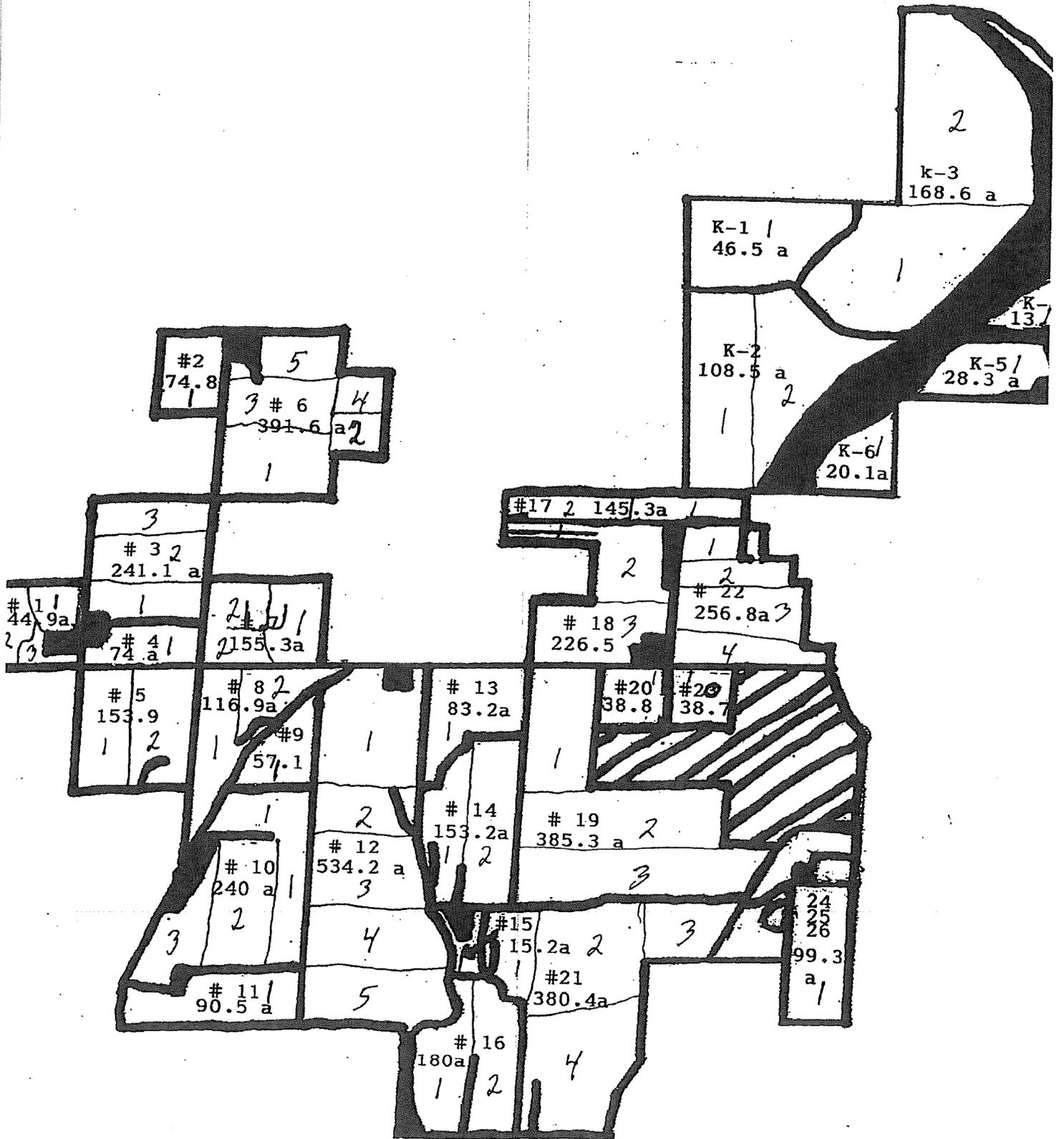
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Seller: Wilder Corporation of Delaware

Auction Company: Schrader Real Estate and Auction Company, Inc.



Illinois Auctioneer: Rex D. Schrader II, #441.001031,
Illinois Broker #471.006686
Schrader Real Estate & Auction Company, Inc. #444.000158





LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304667
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 2
 Field Acres: 2

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Manganese	Parts Per Million			ds/m	PPM		Lbs/Ac	Percent Saturation					meq/100g
				Pota-ssium	Calcium	Mag-nesium					Boron	Iron	Copper		Sodium	SS		NO3-N	Surf	Total	Bray P2 Olsen P	Ca	
1	6.4	6.9	24	193	5102	1185	3.6											62.4	24.2	1.2	12.0	.20	20.4
Field Median	6.4	6.9	24	193	5102	1185	3.6											62.4	24.2	1.2	12.0	.20	20.4

	Field Median	Fertility Level					Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim	High	V High			
Water pH	6.4								
Phosphorus	24								
Potassium	193								
Calcium	5102								
Magnesium	1185								
Organic Matter	3.6								
Sulfur									
Zinc									
Manganese									
Boron									
Copper									
Sodium									
Olsen P									
Bray P1									
Limestone Recommendations									
CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2									
Previous Crop: None Specified									
Optimum Ranges: Water pH: 6.3 - 6.8 Phosphorus: 45 - 75 Potassium: 320 - 400									
*Phosphorus value is reported as a Bray P1 number based on a Mehlich III extraction.									
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.									
**TOTAL REQUIRED									
Credits: High Fertility									
**ADJUSTED RECOMMENDATIONS									

SGS North America Inc.
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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304667
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 4
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					SS	PPM NO3-N Surf Total	Lbs/Ac		Percent Saturation					meq/100g
				Pota-ssium	Calcium	Mag-nesium				Mang-anes	Boron	Iron	Copper	Sodium			Bray P2 Olsen P	Ca	Mg	K	H	Na	CEC	
1	6.6	7.2	68	283	6728	1385	3.5											66.5	22.8	1.4	9.0	.19	25.3	
Field Median	6.6	7.2	68	283	6728	1385	3.5											66.5	22.8	1.4	9.0	.19	25.3	

	Field Median	Fertility Level				Intended Crop Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High		
Water pH	6.6						
Phosphorus	68						
Potassium	283						
Calcium	6728						
Magnesium	1385						
Organic Matter	3.5						
Sulfur							
Zinc							
Manganese							
Boron							
Iron							
Copper							
Sodium							
Olsen P							
Bray P1							
Limestone Recommendations							
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.							

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2

Previous Crop: None Specified
 Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 350 - 430

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304667
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 5
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					SS ^m	PPM		Lbs/Ac Bray P2 Olsen P	Percent Saturation					meq/100g CEC
				Pota-ssium	Calcium	Mag-nesium				Mang-aneese	Boron	Iron	Copper	Sodium		NO3-N	Sulf		Total	Ca	Mg	K	H	
1	6.2	6.8	59	286	6214	1343	3.5												60.1	21.7	1.4	16.6	.20	25.8
2	6.4	6.9	56	299	7858	1622	3.6												64.6	22.2	1.3	11.8	.17	30.4
Field Median	6.3	6.8	58	293	7036	1483	3.6												62.3	21.9	1.3	14.2	.18	28.1

	Field Median	Fertility Level			Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre														
		V Low	Low	Optim.								High	V High	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.												
Water pH	6.3																									
Phosphorus	58																									
Potassium	293																									
Calcium	7036																									
Magnesium	1483																									
Organic Matter	3.6																									
Sulfur																										
Zinc																										
Manganese																										
Boron																										
Iron																										
Copper																										
Sodium																										
Olsen P																										
Bray P1																										

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 350 - 430

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304667
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 9
 Field Acres:

Sample	Water pH	Buffer pH	Phosphorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million				ds/m	PPM		Lbs/Ac	Percent Saturation					meq/100g
				Potassium	Calcium	Magnesium				Manganese	Boron	Iron	Copper		Sodium	SS		NO3-N	Sulf	Total	Bray P2 Olsen P	Ca	
1	6.3	6.8	48	284	5316	1109	3.8											61.9	21.5	1.7	14.6	.25	21.5
Field Median	6.3	6.8	48	284	5316	1109	3.8											61.9	21.5	1.7	14.6	.25	21.5

	Field Median	Fertility Level				Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre												
		V Low	Low	Optim.	High								V High	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.											
Water pH	6.3																								
Phosphorus	48																								
Potassium	284																								
Calcium	5316																								
Magnesium	1109																								
Organic Matter	3.8																								
Sulfur																									
Zinc																									
Manganese																									
Boron																									
Iron																									
Copper																									
Sodium																									
Olsen P																									
Bray P1																									
Limestone Recommendations																									

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2

Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304667
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 11
 Field Acres:

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		Mang-nesium	Sulfur	Zinc	Mang-anes	Boron		Iron	Copper		Sodium	SS	NO3-N	Sulf	Total	
1	6.3	6.9	41	398	3586	549	3.5									65.2	16.6	3.7	14.2	.27	13.8
Field Median	6.3	6.9	41	398	3586	549	3.5									65.2	16.6	3.7	14.2	.27	13.8

	Field Median	Fertility Level					Intended Crop Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High		
Water pH	6.3						Crop Removal: 1L	
Phosphorus	41					**TOTAL REQUIRED		
Potassium	398					Credits: High Fertility	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.	
Calcium	3586					**ADJUSTED RECOMMENDATIONS		
Magnesium	549							
Organic Matter	3.5							
Sulfur								
Zinc								
Manganese								
Boron								
Iron								
Copper								
Sodium								
Olsen P								
Bray P1								
Limestone Recommendations								

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 290 - 370

*Phosphorus value is reported as a Bray P1 number based on a Mehlich II extraction

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304666
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 12
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					ds/m	PPM		Lbs/Ac Bray P2 Olsen P	Percent Saturation					meq/100g CEC
				Pota-ssium	Calcium	Mag-nesium				Mang-anes	Boron	Iron	Copper	Sodium		SS	NO3-N		Surf	Total	Ca	Mg	K	
1	6.4	7.0	50	223	5088	773	3.3											68.0	17.2	1.5	13.0	.22	18.7	
2	6.5	7.1	35	197	4768	774	3.5											68.8	18.6	1.5	10.8	.29	17.3	
3	6.3	6.9	31	192	4058	609	3.5											67.3	16.8	1.6	14.0	.21	15.1	
4	6.4	6.9	44	396	4676	815	3.6											65.0	18.9	2.8	13.0	.26	18.0	
5	6.6	7.2	49	359	4344	649	3.0											70.7	17.6	3.0	8.4	.35	15.4	
Field Median	6.4	7.0	44	223	4676	773	3.5											68.0	17.6	1.6	13.0	.26	17.3	

	Field Median	Fertility Level					Intended Crop Yield Goal	Crop Removal: IL	Fertilizer Recommendations are in Pounds per Acre
		V.Low	Low	Optim.	High	V.High			
Water pH	6.4								
Phosphorus	44								
Potassium	223								
Calcium	4676								
Magnesium	773								
Organic Matter	3.5								
Sulfur									
Zinc									
Manganese									
Boron									
Iron									
Copper									
Sodium									
Olsen P									
Bray P1									
Limestone Recommendations									
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.									
**TOTAL REQUIRED									
Credits: High Fertility									
**ADJUSTED RECOMMENDATIONS									

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified
 Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304666
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 13
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus	Pounds Per Acre			Percent Organic Matter	Parts Per Million						ds/m	PPM		Lbs/Ac	Percent Saturation					meq/100g
				Pota-sium	Calcium	Magnesium		Mang- anese	Boron	Iron	Copper	Sodium	SS		NO3-N	Surf		Total	Bray P2 Olsen P	Ca	Mg	K	
1	6.3	6.9	63	316	5064	1029	2.8											62.7	21.2	2.0	13.8	.24	20.2
Field Median	6.3	6.9	63	316	5064	1029	2.8											62.7	21.2	2.0	13.8	.24	20.2

	Field Median	Fertility Level					Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre									
		V Low	Low	Optim.	High	V High								Adjust Nitrogen Recommendations for Previous Crop or other N Sources.									
Water pH	6.3																						
Phosphorus	63																						
Potassium	316																						
Calcium	5064																						
Magnesium	1029																						
Organic Matter	2.8																						
Sulfur																							
Zinc																							
Manganese																							
Boron																							
Iron																							
Copper																							
Sodium																							
Olsen P																							
Bray P1																							

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304666
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 17
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Mang- anese	Parts Per Million				SS	PPM NO3-N	Surf	Total	Bray P2 Olsen P	Percent Saturation					meq/ 100g CEC
				Pota- ssum	Calcium	Magn- esium					Boron	Iron	Copper	Sodium						Ca	Mg	K	H	Na	
1	6.3	6.8	70	305	6092	1095	3.8													64.7	19.4	1.7	14.0	.21	23.5
2	6.1	6.6	82	351	7060	1317	3.7													61.8	19.2	1.6	17.2	.19	28.6
Field Median	6.2	6.7	76	328	6576	1206	3.8													63.3	19.3	1.6	15.6	.20	26.0

	Field Median	Fertility Level				Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High			
Water pH	6.2							
Phosphorus	76							
Potassium	328							
Calcium	6576							
Magnesium	1206							
Organic Matter	3.8					Build-up		
Sulfur						Crop Removal: IL		
Zinc								
Manganese								
Boron						**TOTAL REQUIRED		
Iron						Credits: High Fertility		
Copper						**ADJUSTED RECOMMENDATIONS		
Sodium								
Olsen P								
Bray P1								

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 350 - 430

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

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Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304666
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 22
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					SS	PPM		Lbs/Ac Bray P2 Olsen P	Percent Saturation					meq/100g CEC
				Pota-ssium	Calcium	Mag-nesium				Mang-ane	Boron	Iron	Copper	Sodium		NO3-N	Sulf		Total	Ca	Mg	K	H	
1	6.6	7.1	59	241	6152	1047	3.8											70.8	20.1	1.4	7.4	.28	21.7	
2	6.5	7.0	70	273	5186	793	3.8											70.5	18.0	1.9	9.4	.27	18.4	
3	6.5	7.0	135	468	4968	795	4.0											68.7	18.3	3.3	9.4	.23	18.1	
4	6.9	7.4	90	368	4986	674	4.0											77.4	17.4	2.9	1.8	.42	16.1	
Field Median	6.6	7.1	80	321	5086	794	3.9											70.6	18.1	2.4	8.4	.28	18.2	

	Field Median	Fertility Level				Intended Crop Yield Goal	Crop Removal: IL	Fertilizer Recommendations are in Pounds per Acre
		V.Low	Low	Optim.	High			
Water pH	6.6							
Phosphorus	80							
Potassium	321							
Calcium	5086							
Magnesium	794							
Organic Matter	3.9							
Sulfur								
Zinc								
Manganese								
Boron								
Iron								
Copper								
Sodium								
Olsen P								
Bray P1								
Limestone Recommendations								
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.								
**TOTAL REQUIRED Credits: High Fertility **ADJUSTED RECOMMENDATIONS								

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304666
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: 23
 Field Acres:

Sample	Water pH	Buffer pH	Phosphorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					ds/m	PPM		Lbs/Ac	Percent Saturation					meq/100g CEC					
				Potassium	Calcium	Magnesium				Manganese	Boron	Iron	Copper	Sodium		SS	NO3-N		Surf	Total	Bray P2 Olsen P	Ca	Mg		K	H	Na		
1	6.7	7.2	182	216	1421	197	3.6																	70.5	16.3	5.5	6.8	.96	5.0
Field Median	6.7	7.2	182	216	1421	197	3.6																	70.5	16.3	5.5	6.8	.96	5.0

	Field Median	Fertility Level				Intended Crop	Yield Goal	Build-up	Crop Removal: 1L	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre																	
		V Low	Low	Optim.	High								V High	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.																
Limestone Recommendations																														
Bray P1																														
Water pH	6.7																													
Phosphorus	182																													
Potassium	216																													
Calcium	1421																													
Magnesium	197																													
Organic Matter	3.6																													
Sulfur																														
Zinc																														
Manganese																														
Boron																														
Iron																														
Copper																														
Sodium																														
Olsen P																														

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 260 - 340

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304665
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: K1
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Mang- anese	Parts Per Million				ds/m	PPM NO ₃ -N Surf	Total	Bray P2 Olsen P	Ca	Mg	K	H	Na	meq/ 100g CEC
				Pota- ssum	Calcium	Mag- nesium					Iron	Copper	Sodium	SS										
1	6.5	7.1	68	304	5370	1007	3.3																19.9	
Field Median	6.5	7.1	68	304	5370	1007	3.3																19.9	

	Field Median	Fertility Level					Intended Crop Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High		
Water pH	6.5						**TOTAL REQUIRED Credits: High Fertility **ADJUSTED RECOMMENDATIONS Adjust Nitrogen Recommendations for Previous Crop or other N Sources.	
Phosphorus	68							
Potassium	304							
Calcium	5370							
Magnesium	1007							
Organic Matter	3.3							
Sulfur								
Zinc								
Manganese								
Boron								
Iron								
Copper								
Sodium								
Olsen P								
Bray P1								
Limestone Recommendations								

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304665
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: K2
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					ds/m	PPM NO3-N	Surf	Total	Bray P2 Olsen P	Percent Saturation					meq/100g
				Pota-ssium	Calcium	Mag-nesium				Mang- anese	Boron	Iron	Copper	Sodium						SS	Ca	Mg	K	H	
1	6.3	6.9	61	291	6104	992	3.4													66.3	18.0	1.6	14.0	.15	23.0
2	6.6	7.2	77	350	4386	621	3.5													71.1	16.8	2.9	9.0	.23	15.4
Field Median	6.4	7.0	69	321	5245	807	3.5													68.7	17.4	2.3	11.5	.19	19.2

Field Median	Fertility Level				Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
	V Low	Low	Optim.	High			
Water pH	6.4						
Phosphorus	69						
Potassium	321						
Calcium	5245						
Magnesium	807						
Organic Matter	3.5				Build-up		
Sulfur					Crop Removal: IL		
Zinc							
Manganese							
Boron					**TOTAL REQUIRED		
Iron					Credits: High Fertility		
Copper					**ADJUSTED RECOMMENDATIONS		
Sodium							
Olsen P							
Bray P1							
Limestone Recommendations							

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304665
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: K3
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					ds/m	PPM		Lbs/Ac	Percent Saturation					meq/100g
				Pota-ssium	Calcium	Mag-nesium				Mang-anes	Boron	Iron	Copper	Sodium		SS	NO3-N		Sulf	Total	Bray P2 Olsen P	Ca	Mg	
1	6.3	6.9	77	312	2076	372	3.3																8.4	
2	6.3	6.9	100	359	2408	324	3.2																9.2	
Field Median	6.3	6.9	89	335	2242	348	3.3																8.8	

	Field Median	Fertility Level				Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.
		V/Low	Low	Optim.	High								
Water pH	6.3												
Phosphorus	89												
Potassium	335												
Calcium	2242												
Magnesium	348												
Organic Matter	3.3												
Sulfur													
Zinc													
Manganese													
Boron													
Iron													
Copper													
Sodium													
Olsen P													
Bray P1													
Limestone Recommendations													

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 290 - 370

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 304665
 Client ID: 43329
 Report Date: 07/15/2015
 Farm Name: Wilder Farm 40
 Field Name: K5
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Mang- anese	Parts Per Million					45/m	PPM NO3-N	Sulf Total	Bray P2 Olsen P	Percent Saturation					meq/ 100g CEC
				Pota- ssum	Calcium	Mag- nesium					Boron	Iron	Copper	Sodium	SS					Ca	Mg	K	H	Na	
1	6.7	7.2	96	482	2626	570	3.6												64.7	23.4	6.1	5.4	3.6	10.1	
Field Median	6.7	7.2	96	482	2626	570	3.6												64.7	23.4	6.1	5.4	3.6	10.1	

	Field Median	Fertility Level					Intended Crop	Yield Goal	Crop Removal: 1L	Build-up	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High					
Water pH	6.7										
Phosphorus	96										
Potassium	482										
Calcium	2626										
Magnesium	570										
Organic Matter	3.6										
Sulfur											
Zinc											
Manganese											
Boron											
Iron											
Copper											
Sodium											
Olsen P											
Bray P1											
Lime/stone Recommendations											
CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2											
Previous Crop: None Specified											
Optimum Ranges: Water pH: 6.3 - 6.8 Phosphorus: 45 - 75 Potassium: 290 - 370											
*Phosphorus value is reported as a Bray P1 number based on a Menlich III extraction.											
**TOTAL REQUIRED											
Credits: High Fertility											
**ADJUSTED RECOMMENDATIONS											
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.											

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 6
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre					Percent Organic Matter	Sulfur	Zinc	Parts Per Million					meq/100g				
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium	Mang-aneese				Boron	Iron	Copper	Sodium	SS					
1	6.9	7.5	75	298	6403	1450	3.2													
2	6.9	7.5	71	374	7458	1875	3.1													
3	7.4	8.0	52	314	5185	982	2.8													
4	6.7	7.3	78	338	7765	1817	2.6													
5	6.9	7.5	40	302	5198	927	2.8													
Field Median	6.9	7.5	71	314	6403	1450	2.8													

	Field Median	Fertility Level					Intended Crop	Yield Goal	Build-up	Crop Removal: IL	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High					
Water pH	6.9										
Phosphorus	71										
Potassium	314										
Calcium	6403										
Magnesium	1450										
Organic Matter	2.8										
Sulfur											
Zinc											
Manganese											
Boron											
Iron											
Copper											
Sodium											
Olsen P											
Bray P1											

Adjust Nitrogen Recommendations for Previous Crop or other N Sources.

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified
 Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 8
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre					Parts Per Million					meq/100g							
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium	Organic Matter	Sulfur	Zinc	Mang- anese	Boron	Iron	Copper	Sodium	SS	meq/100g	CEC			
1	6.2	6.8	60	364	7075	1503	3.0								60.2	21.3	1.6	16.8	.16	29.4
2	6.9	7.5	39	362	7272	1295	3.1								74.3	22.0	1.9	1.6	.22	24.5
Field Median	6.5	7.1	49	363	7173	1399	3.1								67.2	21.7	1.7	9.2	.19	26.9

	Field Median	Fertility Level					Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High			
Water pH	6.5								
Phosphorus	49								
Potassium	363								
Calcium	7173								
Magnesium	1399								
Organic Matter	3.1						Build-up		
Sulfur							Crop Removal: IL		
Zinc									
Manganese									
Boron							**TOTAL REQUIRED		
Iron							Credits: High Fertility		
Copper							**ADJUSTED RECOMMENDATIONS		
Sodium									
Olsen P									
Bray P1									

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 350 - 430

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

Adjust Nitrogen Recommendations for Previous Crop or other N Sources.

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 10
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					PPM NO ₃ -N	Surf	Total	Bray P ₂ O ₅ Olsen P	Percent Saturation					meq/100g CEC
				Pota-sium	Calcium	Mag-nesium				Mang-aneese	Boron	Iron	Copper	Sodium					SS	Ca	Mg	K	H	
1	6.7	7.3	71	314	5067	928	2.9											69.7	21.3	2.2	5.6	.22	18.2	
2	6.7	7.3	38	252	3542	507	2.7											73.6	17.6	2.7	5.8	.31	12.0	
3	6.1	6.7	51	222	3726	557	2.9											64.7	16.1	2.0	17.0	.24	14.4	
Field Median	6.7	7.3	51	252	3726	557	2.9											69.7	17.6	2.2	6.6	.24	14.4	

	Field Median	Fertility Level				Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre												
		V Low	Low	Optim.	High								V High	Adjust Nitrogen Recommendations for Previous Crop or other N Sources.											
Water pH	6.7																								
Phosphorus	51																								
Potassium	252																								
Calcium	3726																								
Magnesium	557																								
Organic Matter	2.9																								
Sulfur																									
Zinc																									
Manganese																									
Boron																									
Iron																									
Copper																									
Sodium																									
Olsen P																									
Bray P ₁																									

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 290 - 370

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 14
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Parts Per Million					meq/100g CEC					
				Pota-ssium	Calcium	Mag-nesium				Mang- anese	Boron	Iron	Copper	Sodium		SS	meq/100g			
1	7.2	7.8	110	383	5623	885	2.6													
2	6.9	7.5	71	308	5553	857	2.8													
Field Median	7.0	7.6	91	346	5588	871	2.7													

	Field Median	Fertility Level				Intended Crop	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High		
Water pH	7.0						
Phosphorus	91						
Potassium	346						
Calcium	5588						
Magnesium	871						
Organic Matter	2.7						
Sulfur							
Zinc							
Manganese							
Boron							
Iron							
Copper							
Sodium							
Olsen P							
Bray P1							
Limestone Recommendations							
Adjust Nitrogen Recommendations for Previous Crop or other N Sources.							

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 15
 Field Acres:

Sample	Water pH	Buffer pH	Phos-phorus*	Pounds Per Acre			Percent Organic Matter	Sulfur	Zinc	Manganese	Parts Per Million				mS/cm		PPM		Lbs/Ac	Percent Saturation					meq/100g
				Pota-ssium	Calcium	Mag-nesium					Boron	Iron	Copper	Sodium	SS	NO3-N	Surf	Total		Bray P2/Olsen P	Ca	Mg	K	H	
1	7.1	7.8	103	355	4558	551	2.5													80.4	16.2	3.2	0.0	.18	14.2
Field Median	7.1	7.8	103	355	4558	551	2.5													80.4	16.2	3.2	0.0	.18	14.2

Field Median	Fertility Level				Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
	V Low	Low	Optim.	High			
Water pH	7.1						
Phosphorus	103						
Potassium	355						
Calcium	4558						
Magnesium	551				Build-up		
Organic Matter	2.5				Crop Removal: IL		
Sulfur							
Zinc							
Manganese							
Boron					**TOTAL REQUIRED		
Iron					Credits: High Fertility		
Copper					**ADJUSTED RECOMMENDATIONS		
Sodium							
Olsen P							
Bray P1							
Limestone Recommendations						Adjust Nitrogen Recommendations for Previous Crop or other N Sources.	

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 290 - 370

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 16
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre					Parts Per Million					mS/cm		PPM		Lbs/Ac		Percent Saturation					meq/100g CEC
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium	Organic Matter	Sulfur	Zinc	Mang-anes	Boron	Iron	Copper	Sodium	SS	NO3-N	Sulf	Total	Bray P2 Olsen P	Ca	Mg	K	H	
1	6.6	7.2	57	311	6201	1089	2.7											69.9	20.5	1.8	7.6	.23	22.2	
2	6.7	7.3	62	303	5548	1028	3.0											70.2	21.7	2.0	5.9	.25	19.8	
Field Median	6.7	7.3	60	307	5874	1058	2.9											70.1	21.1	1.9	6.8	.24	21.0	

	Field Median	Fertility Level					Intended Crop	Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High	V High			
Water pH	6.7								
Phosphorus	60								
Potassium	307								
Calcium	5874								
Magnesium	1058								
Organic Matter	2.9					Build-up			
Sulfur						Crop Removal: 1L			
Zinc									
Manganese									
Boron						**TOTAL REQUIRED			
Iron						Credits: High Fertility			
Copper						**ADJUSTED RECOMMENDATIONS			
Sodium									
Olsen P									
Bray P1									
Limestone Recommendations								Adjust Nitrogen Recommendations for Previous Crop or other N Sources.	

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2

Previous Crop: None Specified

Optimum Ranges:

Water pH: 6.3 - 6.8

Phosphorus: 45 - 75

Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 18
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre					Parts Per Million					mSec		PPM		Lbs/Ac		Percent Saturation					meq/100g
			Phos-phorus*	Pota-ssium	Calcium	Magnesium	Organic Matter	Sulfur	Zinc	Manganese	Boron	Iron	Copper	Sodium	SS	NO3-N	Sulf	Total	Bray P2	Olsen P	Ca	Mg	K	
1	6.1	6.7	58	244	5923	1201	3.1												60.7	20.5	1.3	17.3	.25	24.4
2	6.9	7.5	55	259	6365	1192	3.2												72.8	22.8	1.5	2.7	.21	21.8
3	6.6	7.2	45	219	4922	845	2.9												70.1	20.1	1.6	8.0	.27	17.5
Field Median	6.6	7.2	55	244	5923	1192	3.1												70.1	20.5	1.5	8.0	.25	21.8

	Field Median	Fertility Level					Intended Crop	Yield Goal	Build-up	Crop Removal: IL	**TOTAL REQUIRED	Credits: High Fertility	**ADJUSTED RECOMMENDATIONS	Fertilizer Recommendations are in Pounds per Acre												
		V/Low	Low	Optim.	High	V/High								Adjust Nitrogen Recommendations for Previous Crop or other N Sources.												
Water pH	6.6																									
Phosphorus	55																									
Potassium	244																									
Calcium	5923																									
Magnesium	1192																									
Organic Matter	3.1																									
Sulfur																										
Zinc																										
Manganese																										
Boron																										
Iron																										
Copper																										
Sodium																										
Olsen P																										
Bray P1																										

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2

Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 19
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre					Percent Organic Matter	Sulfur	Zinc	Parts Per Million					mEq/100g				
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium	1233				Mang- anese	Boron	Iron	Copper	Sodium		SS			
1	7.2	7.8	61	309	6738	1233	3.0													
2	6.9	7.5	85	383	4898	650	3.1													
3	7.5	8.1	57	416	4618	630	2.9													
Field Median	7.2	7.8	61	383	4898	650	3.0													

	Field Median	Fertility Level				Intended Crop Yield Goal	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High		
Water pH	7.2						
Phosphorus	61						
Potassium	383						
Calcium	4898						
Magnesium	650						
Organic Matter	3.0						
Sulfur							
Zinc							
Manganese							
Boron							
Iron							
Copper							
Sodium							
Olsen P							
Bray P1							

Adjust Nitrogen Recommendations for Previous Crop or other N Sources.

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 290 - 370

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

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Wilder Farm 40
 Samples Submitted by: Denny Fullerton
 Gold Star FS-Aledo
 2004 Rte 17E
 PO Box 129
 Aledo, IL 61231-0129

Order No: 294937
 Client ID: 43329
 Report Date: 07/23/2014
 Farm Name: Wilder Farm 40
 Field Name: 20
 Field Acres:

Sample	Water pH	Buffer pH	Pounds Per Acre				Parts Per Million				Percent Saturation				meq/100g CEC									
			Phos-phorus*	Pota-ssium	Calcium	Mag-nesium	Organi-c Matter	Sulfur	Zinc	Mang- anese	Boron	Iron	Copper	Sodium		SS	ppm NO3-N	Surf	Total	Bray P2/Olsen P	Ca	Mg	K	H
1	6.7	7.3	58	338	4670	747	3.2												72.6	19.4	2.7	5.0	.29	16.1
Field Median	6.7	7.3	58	338	4670	747	3.2												72.6	19.4	2.7	5.0	.29	16.1

	Field Median	Fertility Level				Intended Crop	Fertilizer Recommendations are in Pounds per Acre
		V Low	Low	Optim.	High		
Water pH	6.7						
Phosphorus	58				Intended Crop		
Potassium	338				Yield Goal		
Calcium	4670				Build-up		
Magnesium	747				Crop Removal: IL		
Organic Matter	3.2				**TOTAL REQUIRED		
Sulfur					Credits: High Fertility		
Zinc					**ADJUSTED RECOMMENDATIONS		
Manganese							
Boron							
Iron							
Copper							
Sodium							
Olsen P							
Bray P1							

CONVERSIONS: PPM = Lbs/Acre / 2 or Lbs/Acre = PPM x 2
 Previous Crop: None Specified

Optimum Ranges:
 Water pH: 6.3 - 6.8
 Phosphorus: 45 - 75
 Potassium: 320 - 400

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

Adjust Nitrogen Recommendations for Previous Crop or other N Sources.

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