

ILLINOIS PROFESSIONAL/LAND SURVEYOR #1750 LICENSE EXPRES NOVEMBER 30, 2024

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20-28-14W

SUBDMISION PLAT. FOR BUILDING LINE AND OTHER RESTRICTIONS NOT SHOWN HEREON REFER TO YOUR ABSTRACT, DEED, CONTRACT AND LOCAL BUILDING LINE REGULATION.

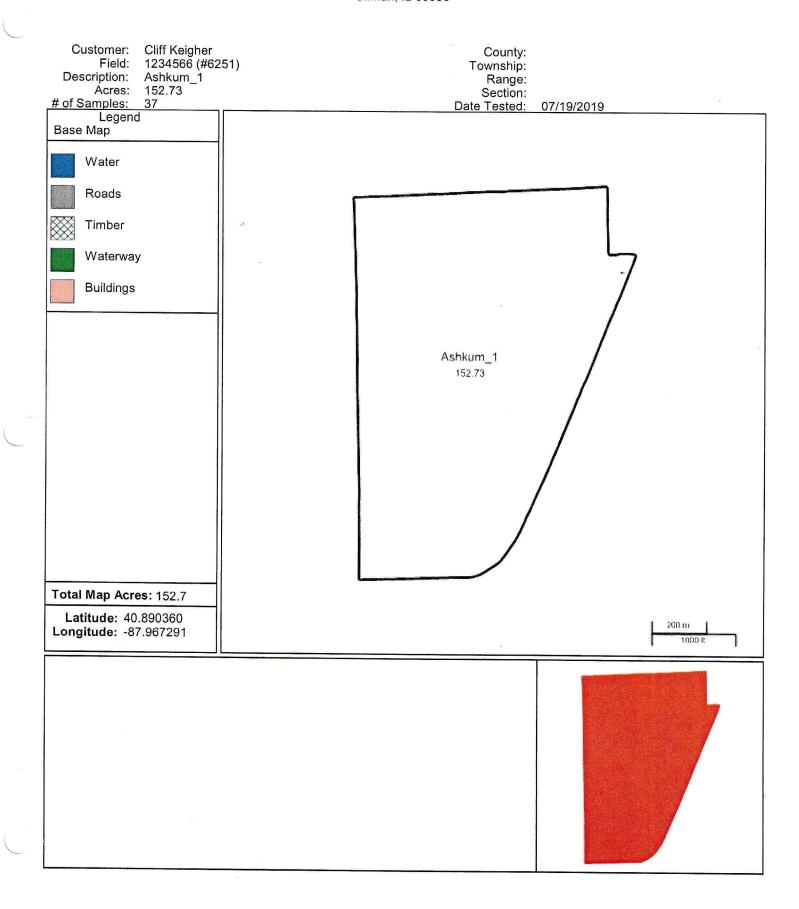
ORDERED BY: KYLE BATHAZOR

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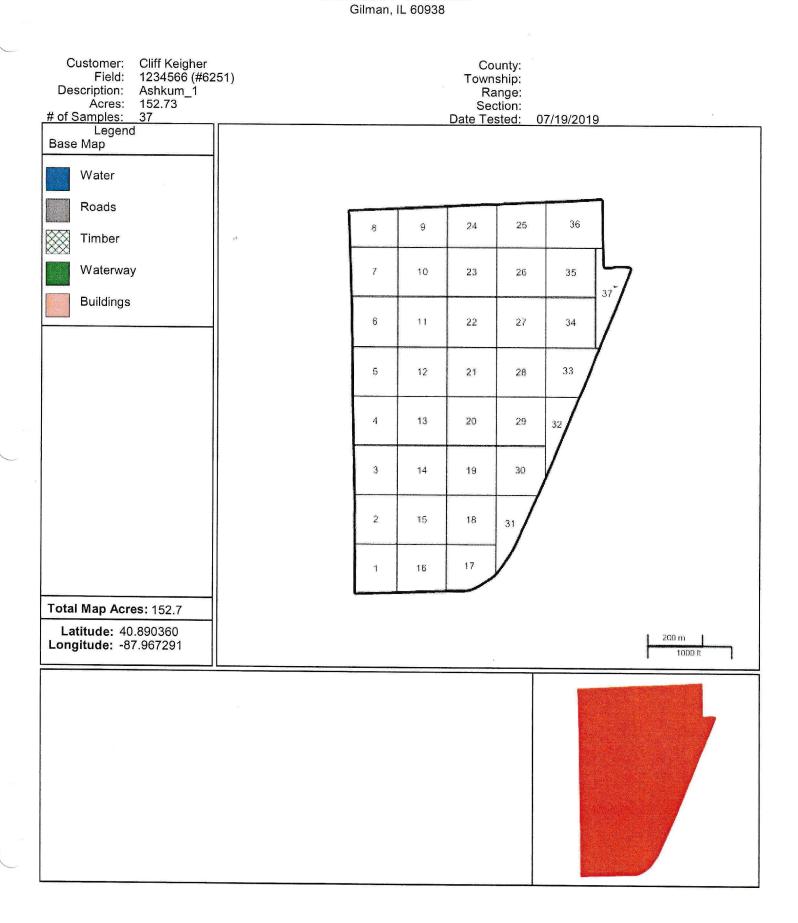
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Keigher Tracts 2 & 3 Combined Soil Tests

Gilman, IL 60938



Gilman Fertilizer



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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Cliff Keigher

Samples Submitted by: Jamie Russell Gilman Fertilizer Co Inc 108 S Main

PO Box 65

Gilman, IL 60938-0065

Order No: 341844 Client ID: 6572 Report Date: 07/19/2019 Farm Name: Ashkum Farm Field Name: 1 Field Acres: 152.73

				Pounds	Per Acre		Percent			Pa	rts Per M	lillion			dS/m	P	PM		Lbs//	Ac		Percer	t Satu	iration		me 10
Sample Number	Water pH	Buffer pH	Phos- phorus*	Pota- ssium	Calcium	Mag-	Organic	Culture	7:	Mang-			0	0		N	03-N		Bray P2							
1	6.1	6.7	27	330	6010	nesium 995	Matter 3.0	Sulfur	Zinc	anese	Boron	iron	Copper	Sodium	SS		Surf	Total		Р	Ca 62.5	Mg	K 1 0	Н 18.2	Na .32	C
2	6.2	6.8	40	313	5520	1015	3.3						1											15.4		
3	6.4	7.0	87	340	5628	1033	3.3														63.2 65.1			12.8		6
4	6.3	6.9	49	293	5026	973	3.3														63.6			12.0		
5	6.3	6.9	49	322	6876	1567	3.3														61.2			14.0		1
6	6.1	6.7	43	314	5586	1364	3.4										1				56.7			18.4		
7	6.4	7.0	75	360	5046	1188	3.3														61.6			11.8		
8	6.3	6.9	42	254	4554	985	3.0														62.4			13.2	1	1
9	6.2	6.8	79	316	5442	1174	3.3														60.0			16.4		
10	5.9	6.6	58	351	4230	1083	3.0														53.3			21.4	.21	
11	6.3	6.9	51	370	5844	1264	3.2														61.1			14.8	.15	
12	6.5	7.1	54	323	5838	1283	3.2							•							64.1			10.4	.15	
13	6.4	7.0	141	419	6194	1302	3.2														63.0			12.6	.12	-
14	6.2	6.8	101	451	6718	1228	3.5										Ì				63.2	19.3	2.2	15.2	.10	
15	6.2	6.8	45	346	7852	1599	3.3													ĺ	61.6	20.9	1.4	16.0	.12	
16	6.6	7.2	36	386	6858	1534	3.3	Ì	ĺ											ĺ	64.9	24.2	1.9	8.8	.21	0
17	6.1	6.7	27	246	4322	823	3.0														60.7	19.3	1.8	18.0	.21	
18	6.3	6.9	56	370	6294	1328	3.3									ĺ	Ĵ			ĺ	62.4	22.0	1.9	13.6	.16	
19	6.3	6.9	39	375	5672	1216	3.2									Ì	ĺ			ĺ	61.7	22.0	2.1	14.0	.20	
20	6.4	7.0	59	278	4638	812	3.0													Ì	67.0	19.6	2.1	11.2	.17	
21	6.1	6.7	47	257	5148	1121	3.3										Ì				58.9	21.4	1.5	18.0	.16	
22	6.3	6.9	45	212	4708	982	3.2]		ĺ	ĺ	1	Ì		ĺ	63.2	22.0	1.5	13.2	.16	
23	6.1	6.7	76	388	5298	1223	3.2										1	Ì	ĺ		57.0	21.9	2.1	18.8	.14	
24	6.4	7.0	78	248	3632	717	3.0									1	1	Í	Ì		63.8	21.0	2.2	12.8	.14	
25	6.3	6.9	80	397	6966	1695	3.2														59.3	24.1	1.7	14.8	.10	
26	6.0	6.6	72	372	5858	1073	3.4				ĺ			1			ĺ	1			60.3	18.4	2.0	19.2	.12	
27	6.0	6.6	35	232	3812	834	3.2							1		ť		Ì		İ	57.7	21.0	1.8	19.2	.21	
28	6.0	6.7	90	319	6728	1471	3.5					Í	1				ĺ			Í	57.1	20.8	1.4	20.6	.13	
29	6.3	6.9	55	281	4484	1035	3.3														61.0	23.4	2.0	13.4	.21	
30	6.4	7.0	26	281	5098	1104	3.3	-	Ì				İ					1	Ì		62.8			12.6	.22	
31	6.4	7.0	24	370	5254	1329	3.2	Ì	İ			ĺ	-		ĺ					1	60.5	25.5	2.2	11.6	.28	
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PO Box 540 Toulon, IL 61483 t (309) 286-2761 f (309) 286-6251 www.cropservices.sgs.com, www.sgs.com

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LABORATORY ANALYSIS AND RECOMMENDATION REPORT

Special Report For: Cliff Keigher

Samples Submitted by: Jamie Russell Gilman Fertilizer Co Inc

> 108 S Main PO Box 65

Gilman, IL 60938-0065

Order No: 341844 Client ID: 6572 Report Date: 07/19/2019 Farm Name: Ashkum Farm Field Name: 1 Field Acres: 152.73

				Pounds	Per Acre		Percent		1	De	de Day B				dS/m				1						meq/
Comula	10/-1	D. (1	D 1							1	ts Per M	lillion			dS/m	PPM		Lbs/A	AC		Percer	nt Satu	ration		100g
Sample Number	Water pH	Buffer pH	Phos-	Pota-	Calabum	Mag-	Organic			Mang-						NO3-N	-	Bray P2 (Olsen						1
			phorus*	ssium	Calcium	nesium	Matter	Sulfur	Zinc	anese	Boron	Iron	Copper	Sodium	SS	Surf	Total		P	Ca	Mg	K	н	Na	CEC
32	6.4	7.0	125	450	6760	1209	3.5													65.4		2.2	12.6	.25	25.8
33	6.5	7.1	47	230	4956	977	3.2		ĺ											67.0	22.0	1.6	9.2	.27	18.5
34	6.2	6.8	46	215	4130	865	3.2					-								60.5	21.1		16.4	.37	
35	6.6	7.2	84	333	6608	1468	3.5										a.		l		24.2				
36	6.4	7.0	37	258	5558	1411	3.5												1		25.6		12.4	.16	
37	5.8	6.5	45	274	4144	1004	3.0														21.2		24.2		
Field Median	6.3	6.9	49	322	5520	1174	3.3													61.6		1.8			

			F	ertility Lev	vel			Forti	lizer Recommendatio	ne are in Pounda por	Aara
	Field Median	V Low	Low	Optim.	High	V High		ren	inzer Recommendatio	nis ale ill Founds per	Acie
Water pH	6.3								1	T	r
Phosphorus	49						Intended Crop	Corn Grain	Soybean	Corn Grain	Soybean
Potassium	322		Non Non				Yield Goal	200 Bu/Ac	60 Bu/Ac	200 Bu/Ac	60 Bu/Ac
Calcium	5520		Manage St				i loid loodi	200 201710	Internation of the Astronomy State of the Ast		
Magnesium	1174							$N - P_2O_5 - K_2O$	$N - P_2 O_5 - K_2 O$	$N - P_2 O_5 - K_2 O$	$N - P_2O_5 - K_2O$
Organic Matter	3.3						Build-up	0 - 5 - 0	0 - 5 - 0	0 - 5 - 0	0 - 5 - 0
Sulfur							Crop Domously II				1016 10000 Later
Zinc							Crop Removal: IL	240 - 86 - 56	0 - 50 - 78	240 - 86 - 56	0 - 50 - 78
Manganese											
Boron							**TOTAL REQUIRED	240 - 91 - 56	0 - 55 - 78	240 - 91 - 56	0 - 55 - 78
Iron									0 - 00 - 10	240 - 91 - 50	0 - 55 - 76
Copper							Credits: High Fertility	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0	0 - 0 - 0
Sodium								0 0 0	0 - 0 - 0	0 - 0 - 0	0-0-0
Olsen P							**ADJUSTED	240 - 91 - 56	0 - 55 - 78	240 - 91 - 56	0 - 55 - 78
Bray P1							RECOMMENDATIONS	210 01 00	0 - 33 - 78	240 - 31 - 30	0 - 55 - 78
Limestone Reco	ommendations		0.4	Tons/A	.cre		Adju	st Nitrogen Recommer	dations for Previous Cr	op or other N Sources	

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

No Line Needed - Refertin 2023

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

Previous Crop: Soybean

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

200 # 0-0-60

Derne Rachel Authorized By:

Data Manager

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Field Application Log - Dry Fer	tilizer & Aglime	~		
Grower: Cliff Keigher				
<u>Field Name</u>	Date	Product	Rate	Crop
Keigher Ashkum Farm 70.3 A	10/19/2015	18-46-0	250lbs	BS
mapped with Meents		0-0-60	200lbs	
	10/22/2015	Ashkum FG	VRT	BS
		64.13 tons		
	11/27/2017	18-46-0	250lbs	BS
		0-0-60	200lbs	
	10/19/2019	18-46-0	200lbs	BS
		0-0-60	200lbs	
	09/30/2021	18-46-0	250lbs	BS
		0-0-60	200lbs	

Field Application Log - Dry Fer	tilizer & Aglime			
Grower: Cliff Keigher				
Field Name	Date	Product	Rate	Crop
Meents Ashkum 82.4 Acres	10/19/2015	18-46-0	250lbs	BS
mapped w/Keigher Ashkum	ı	0-0-60	200lbs	
	10/22/2015	Ashkum FG	VRT	BS
	11/27/2017	18-46-0	250lbs	BS
	3	0-0-60	200lbs	
	10/19/2019	18-46-0	200lbs	BS
		0-0-60	200lbs	