

Location	Grower	Farm	Field	Area	Centroid
Kilbourne	VANETTEN, MARK	Lick Creek	Lick Creek	112.43 acres	40.19493,-90.023214



Sample Date: 2023-10-24 Soil Lab: KSI Labs

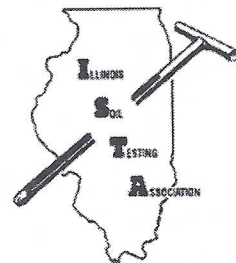


KSI LABORATORIES

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OPERATOR: MARK VANETTEN
FIELD: LICK CREEK
ACRES:

LAB#: 279346-80 (25130)
DATE: 10/26/2023
SUBMITTED BY: SUNRISE FS (KILBOURNE)

SOIL TEST RESULTS

SAMPLE#	SOIL pH	BUFFER pH	PHOSPHORUS lbs/A	POTASSIUM lbs/A	CALCIUM lbs/A	MAGNESIUM lbs/A	ORGANIC MATTER %	CATION EXCHANGE CAPACITY	BASE SATURATION			
									%Ca	%Mg	%K	%H
1	6.6	7.5	39	333	2729	241	2.0	9.0	75.9	11.2	4.8	8.1
2	6.7	7.4	23	203	3467	411	2.5	11.3	76.8	15.2	2.4	5.7
3	6.6	7.0	19	252	4605	534	3.1	15.3	75.3	14.6	2.2	8.0
4	7.0	7.4	13	236	2594	256	1.9	7.9	82.1	13.6	3.9	0.4
5	7.1	7.6	30	211	3192	247	1.8	9.3	85.9	11.1	3.0	0.1
6	6.8	7.4	22	201	3660	411	2.4	11.6	78.9	14.8	2.3	4.0
7	6.2	7.3	49	201	3944	484	3.1	14.4	68.5	14.1	1.8	15.6
8	6.4	7.0	48	199	5300	637	3.3	18.4	72.1	14.5	1.4	12.0
9	6.7	7.4	22	204	4553	498	3.0	14.6	78.0	14.3	1.8	5.9
10	7.0	7.5	37	219	5912	586	3.2	17.5	84.5	14.0	1.7	-
11	6.7	7.3	26	217	4700	542	3.4	15.2	77.4	14.9	1.9	5.9
12	7.0	7.6	40	336	2211	210	1.8	6.8	81.3	12.9	6.4	-
13	6.9	7.3	22	234	2931	272	1.9	8.9	82.4	12.8	3.4	1.4
14	6.4	7.1	42	311	2075	177	2.0	7.2	72.1	10.3	5.6	12.0
15	6.4	7.3	98	448	2327	218	2.1	8.3	70.1	11.0	7.0	11.9
16	6.6	7.3	18	223	3181	348	2.2	10.5	75.8	13.9	2.8	7.6
17	6.7	7.4	16	192	3882	416	2.5	12.4	78.3	14.0	2.0	5.6
18	6.6	7.1	105	320	2875	305	2.0	9.6	74.9	13.3	4.3	7.5
19	6.3	6.8	41	305	2743	337	2.3	10.1	67.9	14.0	3.9	14.2
20	6.0	5.9	60	484	3327	486	2.7	13.7	60.8	14.8	4.6	19.8
21	6.5	7.2	24	225	4422	569	3.1	15.2	72.8	15.6	1.9	9.6
22	6.6	7.4	20	214	3871	533	3.0	13.2	73.4	16.9	2.1	7.6
23	6.4	7.0	14	248	4568	601	3.3	16.2	70.5	15.5	2.0	11.9
24	6.4	7.4	15	245	3278	413	2.6	11.6	70.7	14.9	2.8	11.7
25	6.8	7.4	57	398	2476	227	2.0	8.0	77.4	11.9	6.4	4.3
26	7.0	7.5	19	239	2561	276	2.1	7.9	81.1	14.6	3.9	0.4
27	6.7	7.5	13	181	3054	378	2.2	10.0	76.4	15.8	2.4	5.4
28	6.3	7.0	24	191	2646	303	1.9	9.4	70.4	13.5	2.7	13.4
29	6.3	7.1	38	293	2450	212	1.9	8.6	71.3	10.3	4.4	14.0
30	6.5	7.4	19	311	2372	266	1.8	8.3	71.5	13.4	4.9	10.2
31	6.9	7.4	146	678	2564	234	2.0	8.4	76.4	11.7	10.4	1.6
32	6.7	7.5	62	450	2857	282	2.1	9.5	75.2	12.4	6.1	6.2
33	6.7	6.7	20	229	3302	359	2.3	10.7	77.2	14.0	2.8	6.0
34	6.8	7.4	15	166	2704	299	2.0	8.6	78.7	14.5	2.5	4.3
35	6.3	7.2	35	301	2149	231	2.1	7.8	68.9	12.4	5.0	13.7
AVERAGE	6.6	7.2	37	277	3300	366	2.4	11.0	75.2	13.6	3.6	8.1
PH AVE.	6.6	EXTRACTED SAMPLES:										
P1 AVE.	29											
K AVE.	241											

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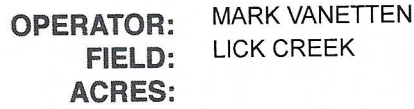
SOIL TEST RESULTS

SAMPLE#	SOIL pH	BUFFER pH	PHOSPHORUS lbs/A	POTASSIUM lbs/A	CALCIUM lbs/A	MAGNESIUM lbs/A	ORGANIC MATTER %	CATION EXCHANGE CAPACITY	BASE SATURATION			
									%Ca	%Mg	%K	%H
	MICRO NUTRIENT TEST RESULTS											
	=====											
SAMPLE	S Lbs/a	Zn Lbs/a	Fe Lbs/a	Mn Lbs/a	Cu Lbs/a	B Lbs/a	Na Lbs/a	SALT mmhos	NO3 PPM	NH4 PPM		
1	11	2.9	104	62	2.4	0.9	18	-	-	-		
2	19	2.3	102	62	3.0	1.2	25	-	-	-		
3	19	2.5	112	73	4.2	1.4	34	-	-	-		
4	16	2.0	96	90	2.6	1.1	36	-	-	-		
5	15	2.1	67	67	1.4	1.1	23	-	-	-		
6	20	2.2	105	60	3.2	1.2	26	-	-	-		
7	13	1.6	112	37	3.2	1.1	22	-	-	-		
8	21	1.9	146	41	3.8	1.2	36	-	-	-		
9	19	2.0	107	48	3.6	1.2	27	-	-	-		
10	22	2.7	118	54	4.2	1.4	50	-	-	-		
11	17	2.1	103	45	3.7	1.3	27	-	-	-		
12	14	2.4	133	72	2.1	1.2	22	-	-	-		
13	16	2.2	102	74	2.6	1.2	21	-	-	-		
14	15	1.4	146	32	2.0	0.9	28	-	-	-		
15	18	2.4	224	39	2.7	1.1	37	-	-	-		
16	15	1.7	129	46	2.7	1.0	27	-	-	-		
17	15	2.1	138	68	3.8	1.2	26	-	-	-		
18	18	2.6	401	38	2.8	1.5	28	-	-	-		
19	18	1.9	260	36	2.9	1.3	30	-	-	-		
20	17	2.0	292	34	4.1	1.3	26	-	-	-		
21	18	2.0	163	46	4.3	1.3	29	-	-	-		
22	17	1.7	113	52	4.0	1.2	28	-	-	-		
23	18	1.9	132	46	4.1	1.3	28	-	-	-		
24	20	1.8	141	48	3.0	1.1	43	-	-	-		
25	17	2.3	198	39	2.3	0.9	28	-	-	-		
26	15	1.5	108	52	2.1	1.0	34	-	-	-		
27	13	1.3	107	45	2.4	1.0	24	-	-	-		
28	11	1.7	151	56	2.7	1.0	21	-	-	-		
29	10	1.9	172	39	2.3	1.1	23	-	-	-		
30	18	2.0	92	55	2.2	0.9	37	-	-	-		
31	19	8.1	183	64	3.0	1.3	26	-	-	-		
32	21	5.3	157	83	3.3	1.2	26	-	-	-		
33	16	3.7	121	75	3.4	1.2	28	-	-	-		
34	15	2.1	102	78	2.6	1.0	27	-	-	-		

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