

Table 8. Comparison of pH and aluminum in samples from 2013, and post -limed samples taken in 2015

at SARE Site 1.

SARE SITE	landscape	Depth	pH 2013	pH 2015	pH L15-13		KCl Al 2013	KCl Al 2015	KCl Al L15-13		
		inches	Difference					mg/kg	mg/kg	Difference	
1	bottom	0to1	5.45	6.62	1.17	*	7.96	1.76	-6.20	*	
1	bottom	1to2	5.11	6.13	1.02	*	7.6	0.10	-7.50	*	
1	bottom	2to3	4.90	5.77	0.87	*	13.24	11.75	-1.49		
1	bottom	3to4	4.99	4.87	-0.12		5.89	11.24	5.35	*	
1	bottom	4to6	5.29	5.11	-0.18		2.44	2.51	0.07		
1	bottom	6to8	5.53	5.53	0.1		0.68	0.10	-0.58		
1	middle	0to1	5.67	6.40	0.73	*	12.24	1.22	-11.02	*	
1	middle	1to2	5.09	5.71	0.62	*	28.81	0.00	-28.81	*	
1	middle	2to3	5.11	5.21	0.1		10.57	7.40	-3.17		
1	middle	3to4	5.19	5.01	-0.18		3.49	28.84	25.35	*	
1	middle	4to6	5.60	4.96	-0.64	*	0.93	19.09	18.16	*	
1	middle	6to8	5.91	5.59	-0.32		1.40	4.47	3.07		
1	Top	0to1	5.22	6.64	1.42	*	8.66	0.10	-8.56	*	
1	Top	1to2	5.07	5.30	0.23		19.73	0.10	-19.63	*	
1	Top	2to3	5.08	4.94	-0.14		17.91	7.75	-10.16	*	
1	Top	3to4	5.36	4.83	-0.53	*	9.03	25.70	16.67	*	
1	Top	4to6	5.65	5.07	-0.58	*	1.91	20.87	18.96	*	
1	Top	6to8	5.89	5.67	-0.22		0.63	2.90	2.27		

Bold data indicate low pH levels and high aluminum. The asterisks indicate significant difference at $P \leq 0.05$. Means of three soil samples that were each composites of 7 cores.