

Table 3. Results of soil macronutrient analyses for the in spring, 2013, 2014. Values are means across landscape.

SITE	year	NO ₃ -N	NH ₄ -N	Olsen P	K	S	Ca	Mg	
		parts per million							
		mg kg ⁻¹				meq 100 g ⁻¹			
1	2013	38.4	9.8	35.1	363	24.0	11.9	2.7	
1	2014	20.7	7.7	45.0	605	25.0	10.5	2.6	
2	2013	42.5	5.4	31.4	406	20.9	6.9	1.8	
2	2014	43.4	5.3	22.0	441	16.0	8.5	2.4	
3	2013	37.7	6.3	31.0	701	13.4	12.3	1.6	
4	2013	71.4	12.8	49.9	751	22.8	8.2	2.2	
4	2014	20.5	7.8	46.0	618	20.0	8.7	2.1	
5	2013	48.1	8.5	33.6	259	24.9	12.2	4.0	
6	2013	26.8	4.5	21.2	522	9.7	5.9	2.1	
6	2014	6.3	2.2	18.0	455	10.0	5.9	1.9	
7	2013	22.4	3.2	13.7	408	5.4	11.6	1.8	
7	2014	6.3	3.1	18.0	326	13.0	11.5	2.0	
8	2013	38.8	14.1	27.4	477	15.0	11.6	3.4	
8	2014	38.8	8.8	33.0	562	21.0	11.3	2.6	
10	2013	59.2	10.1	29.7	340	25.9	10.5	3.7	
10	2014	12.2	5.2	25.0	313	19.0	11.1	3.4	
11	2013	79.6	14.5	48.7	574	34.8	11.6	3.6	
11	2014	29.6	6.9	23.0	574	15.0	11.6	3.5	
12	2013	36.6	4.3	38.9	360	10.2	8.3	3.3	
12	2014	22.4	5.4	34.0	555	18.0	8.3	3.6	
13	2013	40.0	18.6	25.7	564	10.5	10.6	2.4	
13	2014	20.0	9.9	31.0	530	26.0	10.1	2.4	
14	2013	48.5	8.2	48.3	596	23.0	13.0	3.3	
14	2014	14.9	4.5	15.0	444	13.0	15.2	3.5	
15	2013	31.3	4.7	15.2	448	4.1	13.9	2.0	
16	2013	44.7	5.0	34.2	441	15.4	12.9	2.6	
16	2014	33.0	5.4	32.0	509	20.0	8.6	2.7	

Cells with color indicate low or high values.

Sites 3 and 5 were not sampled in 2014.