

LAB BRIEFS

TABLE OF RATINGS

POTASSIUM

CEC	VL	L	M	H	VH
5	< 40	41 - 65	66 - 90	91 - 111	> 111
10	< 57	58 - 93	94 - 129	130 - 159	> 159
15	< 67	68 - 109	110 - 151	152 - 186	> 186
20	< 79	80 - 128	129 - 177	178 - 217	> 217
25	< 98	99 - 159	160 - 220	221 - 269	> 269
30	< 116	117 - 188	189 - 261	262 - 319	> 319

MAGNESIUM

CEC	VL	L	M	H	VH
5	< 37	38 - 60	61 - 83	84 - 102	> 102
10	< 62	63 - 100	101 - 138	139 - 169	> 169
15	< 85	86 - 136	137 - 188	189 - 230	> 230
20	< 96	96 - 156	157 - 216	217 - 264	> 264
25	< 120	121 - 195	196 - 270	271 - 330	> 330
30	< 144	145 - 234	235 - 324	325 - 396	> 396

CALCIUM

CEC	VL	L	M	H	VH
5	< 300	301 - 487	488 - 675	676 - 825	> 825
10	< 600	601 - 974	975 - 1350	1351 - 1650	> 1650
15	< 900	901 - 1462	1463 - 2025	2026 - 2475	> 2475
20	< 1200	1201 - 1948	1949 - 2700	2701 - 3300	> 3300
25	< 1500	1501 - 2438	2439 - 3375	3376 - 4125	> 4125
30	< 1800	1801 - 2925	2926 - 4050	4051 - 4950	> 4950

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SODIUM

CEC	VL	L	M	H	VH
5	< 23	24 - 38	39 - 53	54 - 65	> 65
10	< 33	34 - 54	55 - 76	77 - 93	> 93
15	< 39	40 - 64	65 - 89	110 - 89	> 109
20	< 46	47 - 75	76 - 104	105 - 127	> 127
25	< 57	58 - 93	94 - 129	130 - 158	> 158
30	< 68	69 - 110	111 - 153	154 - 188	> 188

	VL	L	M	H	VH
P ₁	≤ 7	8 - 14	15 - 21	22 - 30	> 30
P ₂	≤ 7	8 - 19	20 - 39	40 - 58	> 58
Bicarb P	≤ 6	7 - 10	11 - 15	16 - 22	>22
Mehlich 3 P Color	≤ 10	10 - 16	16 - 24	25 - 34	> 34
Mehlich 3 P ICP	< 13	13 - 20	21 - 30	31 - 46	> 46
O.M.	≤ 1.5	1.6 - 2.5	2.6 - 3.5	3.6 - 4.5	> 4.6
Sulfur	0 - 6	7 - 12	13 - 18	19 - 24	> 24
Zinc	0 - 0.5	0.6 - 1.0	1.1 - 3.0	3.1 - 6.0	> 6.0
Manganese	0 - 4	5 - 8	9 - 12	13 - 30	> 30
Iron	0 - 5	6 - 10	11 - 16	17 - 25	> 25
Copper	0 - 0.3	0.4 - 0.8	0.9 - 1.2	1.3 - 2.5	> 2.5
Boron	0 - 0.3	0.4 - 0.7	0.8 - 1.2	1.3 - 2.0	> 2.0
pH	0 - 5.4	5.5 - 6.3	6.4 - 7.2	7.3 - 7.9	8.0+
NO ₃ - N	0 - 3	4 - 10	11 - 20	21 - 40	40+

Please Note: Due to the effects of the soil pH and the presence of other nutrients, the ratings may not correlate exactly to the soil report

Rating of potassium, magnesium, calcium, and sodium, are directly related to the CEC. Levels considered high will change as the CEC changes.

REFERENCE ID: 164

