

**MEDIAN SOIL TEST VALUES FOR MINERAL SOILS IN MICHIGAN COUNTIES\***

**2013 - 2018**

J. Dahl

County	2.5 + Tons**	pH	P	K	Ca	Mg	Sample Numbers
	Lime/A %						
----- ppm -----							
Alcona	19.1	6.5	58	60	773	110	136
Alger	14.8	6.6	45	100	1156	197	243
Allegan	10.1	6.4	50	91	892	135	268
Alpena	9.8	6.9	41	76	1031	118	174
Antrim	7.1	6.6	29	49	757	77	70
Arenac	13.9	6.4	28	74	1004	177	36
Baraga	24.4	7.2	31	49	1458	86	78
Barry	15.6	6.3	40	94	993	116	186
Bay	14.3	6.9	38	76	1410	161	77
Benzie	15.0	6.7	53	38	780	87	40
Berrien	13.2	6.3	60	101	807	154	302
Branch	2.9	6.7	36	108	893	158	139
Calhoun	11.8	6.4	56	115	939	115	561
Cass	9.8	6.3	49	112	674	107	173
Charlevoix	4.6	7.1	44	37	802	76	109
Cheboygan	9.8	6.4	38	41	669	100	163
Chippewa	43.5	6.2	14	82	1360	305	317
Clare	18.0	6.4	69	52	672	92	362
Clinton	6.7	6.7	34	115	1233	166	1320
Crawford	15.7	6.7	43	34	640	49	70
Delta	32.5	6.4	27	53	1139	134	200
Dickinson	14.0	6.3	33	57	733	123	93
Eaton	10.5	6.5	37	108	1262	161	533
Emmet	15.2	6.3	39	50	706	94	204
Genesee	7.2	6.8	41	95	1273	182	277
Gladwin	8.4	6.5	26	44	862	104	285
Gogebic	53.3	5.9	20	51	837	166	15
Grand Traverse	8.4	6.6	40	59	760	85	226
Gratiot	4.0	6.8	44	123	1436	198	455
Hillsdale	8.1	6.7	34	103	1240	175	534
Houghton/Keweenaw	49.6	6.3	33	64	895	95	113
Huron	2.8	7.3	43	113	1664	196	247
Ingham	5.1	6.6	45	102	1255	168	1641
Ionia	5.3	6.5	41	107	972	141	514
Iosco	12.3	6.6	25	56	966	142	155
Iron	60.0	6.0	35	66	742	83	50
Isabella	5.0	6.8	33	84	1281	168	439

\* Summary of soil test values for samples analyzed by the Michigan State University Soil and Plant Nutrient Laboratory July 1, 2013, through June 30, 2018.

\*\* Percent of soils requiring 2.5 or more tons of lime per acre.

County	2.5 + Tons**						Sample Numbers
	Lime/A %	pH	P	K	Ca	Mg	
----- ppm -----							
Jackson	9.9	6.5	46	85	688	103	574
Kalamazoo	12.7	6.3	36	105	1007	136	157
Kalkaska	14.9	6.4	25	37	601	77	47
Kent	13.0	6.4	43	86	754	120	382
Lake	7.1	6.7	45	42	643	96	56
Lapeer	8.2	6.4	62	114	1713	251	489
Leelanau	4.2	6.6	57	47	672	72	165
Lenawee	7.1	6.9	37	112	1736	212	659
Livingston	5.8	6.9	41	86	1163	147	448
Luce	38.8	5.9	46	34	431	43	85
Mackinac	14.6	6.5	36	71	1322	216	89
Macomb	16.8	6.5	32	72	859	131	184
Manistee	19.3	6.4	53	43	575	79	135
Marquette	46.3	6.0	35	69	711	99	175
Mason	17.5	6.2	50	58	585	95	120
Mecosta	17.8	6.4	55	63	674	111	377
Menominee	0.0	7.4	32	86	1377	225	18
Midland	18.3	6.8	43	75	1200	136	126
Missaukee	13.9	6.4	66	68	764	90	202
Monroe	7.4	6.8	38	117	1864	269	162
Montcalm	7.9	6.5	89	92	569	90	659
Montmorency	4.9	7.5	41	82	1616	179	102
Muskegon	42.5	5.9	46	50	607	76	113
Newaygo	28.9	6.1	58	43	462	67	246
Oakland	14.9	6.7	33	61	912	142	323
Oceana	13.0	6.5	71	65	647	88	123
Ogemaw	7.2	6.7	36	64	1060	144	167
Ontonagon	77.4	5.8	12	92	1126	199	31
Osceola	14.5	6.5	43	64	779	112	830
Oscoda	6.3	6.5	49	48	782	88	48
Otsego	8.1	6.5	36	43	695	71	197
Ottawa	19.4	6.5	52	80	1008	168	160
Presque Isle	5.0	6.9	62	79	996	109	298
Roscommon	51.6	5.7	32	41	404	59	62
Saginaw	6.6	6.8	55	110	1235	145	256
St. Clair	11.9	6.8	29	77	1417	197	101
St. Joseph	10.5	6.4	51	124	740	120	133
Sanilac	5.6	6.9	34	103	1624	217	143
Schoolcraft	58.2	5.7	51	45	527	57	55
Shiawassee	4.2	6.5	32	86	958	149	549
Tuscola	6.1	7.0	40	104	1318	155	653
Van Buren	16.7	6.2	50	75	701	122	252
Washtenaw	8.4	6.9	32	104	1543	205	371
Wayne	4.4	7.4	46	122	1977	183	180
Wexford	12.0	6.4	40	58	595	70	184
State	11.7	6.6	43	87	982	136	21631