

MEDIAN SOIL TEST VALUES FOR MINERAL SOILS IN MICHIGAN COUNTIES*

July 2018 - December 2022

J. Dahl

County	2.5 + Tons**	pH	P	K	Ca	Mg	Sample Numbers
	Lime/A %						
----- ppm -----							
Alcona	17.1	6.5	70	74	830	97	76
Alger	13.9	6.5	19	51	1055	118	108
Allegan	8.6	6.3	65	91	752	111	269
Alpena	2.5	7.0	84	73	1109	95	119
Antrim	7.9	6.3	29	59	635	60	76
Arenac	4.8	6.5	45	58	959	121	42
Baraga	0.7	7.9	17	44	2260	88	72
Barry	4.3	6.4	32	91	1042	132	184
Bay	5.2	7.3	60	190	1949	236	252
Benzie	5.1	6.4	35	54	657	70	59
Berrien	5.4	6.4	58	102	807	143	480
Branch	4.7	6.4	41	118	870	137	129
Calhoun	10.0	6.5	50	125	908	100	372
Cass	0.0	6.5	40	126	1009	149	50
Charlevoix	7.9	6.5	27	43	651	61	127
Cheboygan	12.1	6.3	24	43	545	92	124
Chippewa	40.1	6.1	18	98	1501	270	187
Clare	15.8	6.4	64	42	685	88	279
Clinton	5.5	6.6	29	103	1242	175	348
Crawford	3.2	6.8	37	50	845	74	95
Delta	23.4	5.8	48	30	372	56	145
Dickinson	16.7	6.9	49	68	1230	105	12
Eaton	10.8	6.7	37	117	1468	169	260
Emmet	4.7	6.5	40	48	834	97	232
Genesee	6.1	6.8	31	95	1287	186	359
Gladwin	7.0	6.5	49	41	774	92	271
Gogebic	84.2	5.7	9	50	816	69	19
Grand Traverse	8.4	6.7	38	56	922	84	308
Gratiot	1.7	6.7	37	140	1502	212	175
Hillsdale	5.5	6.5	47	102	1059	148	292
Houghton/Keweenaw	29.8	6.2	53	67	763	116	94
Huron	3.7	7.1	31	89	1610	201	136
Ingham	4.1	6.6	47	123	1365	172	1221
Ionia	4.4	6.6	40	116	1206	156	339
Iosco	9.1	6.8	14	48	1112	140	99
Iron	55.0	5.6	24	70	703	69	20
Isabella	6.0	6.7	54	87	968	130	333

* Summary of soil test values for samples analyzed by the Michigan State University Soil and Plant Nutrient Laboratory July 1, 2018, through December 31, 2022.

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

County	2.5 + Tons**	pH	P	K	Ca	Mg	Sample Numbers
	Lime/A %						
----- ppm -----							
Jackson	8.4	6.3	49	96	767	104	607
Kalamazoo	6.5	6.3	44	112	1079	124	153
Kalkaska	8.8	6.3	28	43	596	62	57
Kent	11.9	6.3	39	68	792	102	369
Lake	9.7	6.2	54	60	650	95	62
Lapeer	7.6	6.8	27	94	1267	170	393
Leelanau	1.2	6.4	41	54	638	68	687
Lenawee	3.4	7.0	35	106	1665	228	447
Livingston	6.7	6.7	35	90	1244	169	406
Luce	54.6	5.4	28	27	584	73	11
Mackinac	12.9	5.8	37	29	399	46	85
Macomb	7.2	6.7	32	105	1199	168	167
Manistee	5.5	6.5	55	50	629	87	110
Marquette	25.8	6.0	33	58	803	102	124
Mason	19.7	6.4	73	61	582	100	71
Mecosta	11.4	6.4	57	58	661	101	132
Menominee	0.0	7.2	35	89	1327	173	15
Midland	11.6	6.9	35	86	1742	197	69
Missaukee	9.3	6.3	63	59	699	84	86
Monroe	4.8	6.8	54	86	1051	154	229
Montcalm	2.0	6.5	87	100	636	97	595
Montmorency	1.6	7.4	35	93	1648	197	122
Muskegon	14.7	6.5	63	54	812	123	95
Newaygo	20.8	6.2	56	46	509	75	178
Oakland	6.0	6.7	37	92	1148	155	501
Oceana	11.6	6.5	56	66	602	60	147
Ogemaw	8.0	6.5	24	78	1188	177	75
Ontonagon	35.3	5.9	10	97	1271	204	34
Osceola	13.2	6.3	32	78	866	119	318
Oscoda	12.1	6.6	40	57	812	87	33
Otsego	9.4	6.2	35	37	567	58	180
Ottawa	15.5	6.2	68	88	975	137	148
Presque Isle	5.6	6.8	36	70	1024	114	234
Roscommon	13.6	6.5	40	41	604	92	103
Saginaw	2.9	7.0	45	140	1554	178	174
St. Clair	10.2	6.5	29	100	1389	218	127
St. Joseph	6.7	6.3	58	113	883	144	60
Sanilac	3.3	6.9	26	106	1427	177	240
Schoolcraft	16.7	6.6	39	35	908	46	18
Shiawassee	1.1	6.9	37	98	1284	188	179
Tuscola	8.2	7.0	35	91	1474	170	146
Van Buren	11.0	6.3	79	93	600	103	390
Washtenaw	3.7	6.9	35	92	1414	176	517
Wayne	4.5	7.3	32	81	1903	189	202
Wexford	7.6	6.3	34	50	633	73	238
State	7.9	6.6	43	87	967	127	17095