

MEDIAN SOIL TEST VALUES FOR MINERAL SOILS IN MICHIGAN COUNTIES*

2003 - 2008

J. Dahl and D. Warncke

County	2.5 + Tons**		P	K	Ca	Mg	Sample Numbers
	Lime/A %	pH					
			----- ppm -----				
Alcona	15.2	6.6	41	63	922	126	296
Alger	35.2	6.3	58	62	820	111	383
Allegan	27	6.6	69	85	805	134	580
Alpena	7.8	7.3	40	68	1492	130	817
Antrim	7.6	6.8	41	55	783	96	382
Arenac	9.7	7.1	48	105	1370	161	267
Baraga	33.2	6.2	49	76	842	171	199
Barry	14	6.4	53	97	849	126	941
Bay	10.5	7.4	71	117	1917	223	574
Benzie	6.8	6.8	45	55	662	103	338
Berrien	12.6	6.5	79	103	697	133	1999
Branch	13	6.5	49	113	948	167	485
Calhoun	12.7	6.5	59	118	794	136	1134
Cass	17.7	6.3	66	118	711	119	883
Charlevoix	5.6	7.1	47	57	941	99	607
Cheboygan	8.5	6.8	35	54	840	104	541
Chippewa	44.1	6.2	20	99	1258	234	617
Clare	19.8	6.4	47	67	815	117	799
Clinton	7.1	6.6	39	116	1274	193	1721
Crawford	26.7	6.5	59	43	654	73	86
Delta	17.5	6.9	34	70	1307	173	582
Dickinson	26.8	6.6	90	98	971	161	261
Eaton	10.6	6.6	44	111	1129	156	1456
Emmet	6.8	6.9	48	56	921	108	644
Genesee	6.4	7.3	46	92	1747	223	1478
Gladwin	11.4	6.7	32	60	972	116	621
Gogebic	53.5	6.1	80	100	1090	148	127
Grand Traverse	5	7	56	52	950	98	1076
Gratiot	8.2	6.8	47	120	1402	196	1182
Hillsdale	11	6.6	56	110	1016	150	771
Houghton	44.3	6.2	51	75	863	120	280
Huron	4.7	7.5	42	121	1701	198	724
Ingham	7.4	6.9	54	113	1453	190	2948
Ionia	8.5	6.6	60	111	927	155	847
Iosco	8.4	6.8	46	90	1104	168	682
Iron	50.6	6.2	50	88	870	145	267
Isabella	10.2	6.8	58	88	1033	162	893

* Summary of soil test values for samples analyzed by the Michigan State University Soil and Plant Nutrient Laboratory July 1, 2003, through June 30, 2008.

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

County	2.5 + Tons**		P	K	Ca	Mg	Sample Numbers
	Lime/A %	pH					
----- ppm -----							
Jackson	11.5	6.6	50	98	767	109	1441
Kalamazoo	13.3	6.6	68	89	1014	161	881
Kalkaska	19.4	6.4	48	48	497	71	139
Kent	10.9	6.9	69	83	1137	174	1935
Keweenaw	38.5	5.4	18	112	737	103	13
Lake	27.4	6.6	69	57	752	117	106
Lapeer	7.9	6.8	36	85	1217	176	530
Leelanau	4.7	6.7	60	72	754	99	1112
Lenawee	8.6	6.8	45	114	1506	206	730
Livingston	5.6	7.3	53	82	1463	167	2453
Luce	34.4	6.4	74	74	794	125	93
Mackinac	17.7	6.8	62	52	890	132	113
Macomb	9.5	7.3	62	99	2050	247	1883
Manistee	17.2	6.5	71	55	603	95	360
Marquette	39.9	6.3	69	62	749	87	431
Mason	14.4	6.4	55	74	678	130	833
Mecosta	14	6.4	67	75	647	120	1197
Menominee	6	7.1	25	78	1521	233	83
Midland	14.7	6.9	60	87	1230	165	955
Missaukee	19.7	6.3	61	69	629	88	264
Monroe	11.6	7.1	75	110	1546	187	956
Montcalm	11.3	6.6	97	93	587	102	1262
Montmorency	2	7.4	47	99	1284	193	98
Muskegon	21.1	6.6	80	50	965	129	1172
Newaygo	17.8	6.5	74	75	682	118	696
Oakland	4.6	7.5	56	89	2260	216	3685
Oceana	11.3	6.6	67	87	611	126	664
Ogemaw	8.2	6.9	39	71	1075	158	497
Ontonagon	47.9	6.1	55	99	1123	163	121
Osceola	14.5	6.4	40	77	801	126	1629
Oscoda	7.6	6.9	64	65	659	118	381
Otsego	16.6	6.6	47	50	715	89	499
Ottawa	17.9	6.5	96	89	1077	157	1281
Presque Isle	12.1	6.9	65	83	1044	123	539
Roscommon	22.1	6.7	73	51	759	83	331
Saginaw	9.2	7.3	62	122	1670	212	1193
St. Clair	12.5	7.1	46	97	1773	212	610
St. Joseph	8.4	6.7	71	100	805	130	488
Sanilac	8.7	7.1	37	111	1562	234	748
Schoolcraft	33.6	6.5	39	67	968	101	137
Shiawassee	5.9	6.9	39	112	1297	203	1105
Tuscola	5.1	7.3	47	96	1438	178	752
Van Buren	9.9	5.5	81	63	377	77	1635
Washtenaw	3.6	7.5	49	99	2219	214	2262
Wayne	7.7	7.4	67	96	2312	237	1562
Wexford	15.3	6.3	49	50	572	83	799