



Ohio SOIL TEST SUMMARY 1971-72

*Cooperative
Extension
Service,*

*The
Ohio State
University*



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Ohio SOIL TEST SUMMARY 1971-72

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Soil tests are widely accepted as reliable diagnostic techniques for evaluating the fertility level and lime status of soils. Soil tests serve as a guide for making recommendations about adding plant-nutrient elements to correct deficiencies or maintain adequate plant-nutrient levels in soils for sustained high production. Soil testing is a must for the farmer and grower today, if he is to use lime and fertilizer correctly.

Soil test summaries provide information on the fertility level and lime content of soils. They can be used to indicate changes in levels of plant nutrients that occur over a period of time and may also be used to point out soils and areas where additional emphasis should be placed in developing practical fertility programs. Soil test summaries do not, however, indicate the lime status and the fertility level of a specific soil. In order to obtain specific information, it is necessary to test representative soil samples of each individual field or small areas within a field.

This is the fourth summary which has been prepared to show the results of soil tests made on Ohio soils. The data presented in this publication are compilation of 53,615 field crop, 3,327 horticultural, and 3,346 turf soil samples submitted between July 1, 1971 and June 30, 1972 to the Cooperative Extension Service Soil Testing Laboratory, at The Ohio State University, Columbus, Ohio. The data reported here include summaries of 17 different laboratory analyses or calculations that are offered by the Soil Testing Laboratory. The data is summarized according to the three categories of soil samples from the 88 Ohio counties: field crop (agronomic), horticultural, and turf soil samples. The last summary was made for soil samples submitted to the laboratory between January 1 and December 31, 1961.* Since then, sufficient change has occurred in the general fertility level of Ohio soils, as measured by soil tests, to justify this summary.

Soil test results were stored on computer tape and summarized on a IBM 360-50 computer located at the University Hospital.** Methods of soil analy-

sis employed by the Soil Testing Laboratory are given in Appendix Table 1. Appendix Table 2 shows the number of soil samples tested by county for the years 1962 through 1971.

Results and Discussion

This soil test summary permits making comparisons with the previous summary. For 1961 and 1971, the data in Table 1 compare the changes in soil pH, percent of soils requiring lime, and the phosphorus and potassium values for each county. Comparisons listed in Table 1 represent field crop soil samples.

Soil pH values have increased slightly for most counties. The percent of soil samples submitted that required lime recommendations decreased for all but six counties. In 1961, 80 percent of the soil samples required a lime recommendation compared to 68 percent in 1971. This indicates progress in solving the problem of soil acidity. For most counties, however, more than half the soil samples submitted required lime recommendations. In fact, some counties (Ashtabula, Geauga, Lake, and Monroe) received lime recommendations for over 90 percent of the samples submitted to the laboratory. The large percentage of soils needing lime indicates that this continues to be an important factor in crop production.

There has been a notable change in the level of available phosphorus and potassium since the 1961 summary (Table 1). Soils in most counties have shown a marked increase in the level of available phosphorus. Soils in only two counties (Hamilton and Lucas) did not increase in phosphorus. There was also an increase in the level of potassium in the soils of all counties except Paulding and Putnam. The state average increased from 18 to 35 pounds per acre for phosphorus and from 165 to 237 pounds per acre for potassium.

In 1967, the Soil Testing Laboratory started recommending a buildup program for soils testing below 30 pounds per acre of phosphorus and 200 pounds per acre of potassium. This may have been a factor in the increased nutrient level of these two elements. Another factor in the apparent increase in soil test levels for phosphorus and potassium may be that soil samples came from the more progressive farmers who have been soil testing regularly and who have used fertilizers more intensively.

* Jones, J. B., and Musgrave, O. L., 1963. "Fertility Status of Ohio Soils as shown by Soil Tests in 1961." Ohio Agricultural Experiment Station Res. Cir. 118.

** The authors are grateful to G. C. Strickler, programmer for the Soil Testing Laboratory, for his assistance in developing the computer program for this summary.

Table 1. Soil Test Summary by County for 1961 and 1971

County	Number of Samples ¹	Soil pH		% of Soils Req. Lime		Average P lbs/A		Average K lbs/A	
		61 ²	71 ³	61 ²	71 ³	61 ²	71 ³	61 ²	71 ³
Adams	697	5.9	6.3	85	70	6	24	160	229
Allen	707	6.0	6.4	89	69	21	35	205	257
Ashland	962	6.0	6.2	86	77	22	35	150	207
Ashtabula	702	5.3	6.0	95	92	14	28	125	197
Athens	256	5.1	6.0	87	75	4	18	150	236
Auglaize	471	6.0	6.4	86	66	21	31	190	250
Belmont	418	5.8	6.0	88	87	15	30	165	241
Brown	628	5.5	6.0	92	79	11	35	120	181
Butler	566	6.1	6.5	71	58	18	41	140	225
Carroll	689	5.8	6.0	92	84	20	35	135	199
Champaign	794	6.4	6.6	67	56	18	35	165	238
Clark	556	6.2	6.5	66	53	14	39	155	232
Clermont	255	6.1	6.2	77	70	11	26	95	160
Clinton	1347	6.1	6.5	75	51	19	34	150	217
Columbiana	1017	6.1	6.1	85	83	38	44	130	202
Coshocton	710	6.1	6.1	84	79	14	33	135	237
Crawford	983	5.9	6.4	85	65	21	36	160	231
Cuyahoga	23	-	6.1	-	61	-	68	-	271
Darke	993	6.1	6.5	77	64	23	36	195	259
Defiance	360	6.2	6.3	79	77	24	37	315	321
Delaware	539	6.1	6.4	80	65	17	27	180	211
Erie	312	6.5	6.6	59	48	31	40	180	230
Fairfield	645	6.0	6.2	80	72	17	32	145	211
Fayette	1130	6.3	6.6	66	49	16	31	163	217
Franklin	310	6.4	6.4	62	65	15	29	170	221
Fulton	998	6.1	6.4	77	70	43	64	180	231
Gallia	374	6.0	6.0	82	79	10	24	135	215
Geauga	214	5.6	6.0	87	91	10	32	155	186
Green	781	5.8	6.5	77	54	22	40	160	250
Guernsey	443	5.3	5.9	93	89	7	18	165	220
Hamilton	110	6.0	6.0	70	79	34	34	180	228
Hancock	926	6.0	6.5	82	44	25	43	188	247
Hardin	741	6.1	6.4	77	67	22	41	190	277
Harrison	307	5.9	6.0	88	84	10	25	160	216
Henry	214	6.1	6.6	84	56	21	50	195	267
Highland	1590	6.1	6.4	76	55	10	24	125	206
Hocking	148	5.4	6.0	87	80	6	17	155	182
Holmes	611	6.3	6.3	73	72	22	32	130	206
Huron	1446	6.1	6.0	70	75	21	51	135	263
Jackson	360	5.4	6.0	88	79	7	15	130	181
Jefferson	268	5.9	6.0	91	79	19	29	155	215
Knox	988	5.9	6.0	90	82	22	37	160	228
Lake	53	5.5	5.7	94	92	15	62	130	185
Lawrence	230	5.6	6.1	87	82	7	17	165	250
Licking	1183	5.7	6.2	86	75	19	32	155	208
Logan	402	6.0	6.6	74	65	16	30	185	238
Lorain	405	6.2	6.2	82	74	14	26	155	195
Lucas	184	6.0	6.4	83	64	82	67	165	306

Table 1. Soil Test Summary by County for 1961 and 1971 (continued)

County	Number of Samples ¹	Soil pH		% of Soils Req. Lime		Average P lbs/A		Average K lbs/A	
		61 ²	71 ³	61 ²	71 ³	61 ²	71 ³	61 ²	71 ³
Madison	406	6.6	6.6	67	54	19	39	190	274
Mahoning	751	6.1	6.2	85	76	31	37	110	196
Marion	705	6.2	6.4	75	66	25	33	185	234
Medina	504	6.1	6.2	85	78	20	30	135	200
Meigs	338	5.5	6.0	86	73	13	24	153	227
Mercer	696	5.9	6.5	82	68	30	36	200	267
Miami	548	6.0	6.5	76	62	20	37	180	247
Monroe	469	5.9	5.9	89	91	11	20	170	222
Montgomery	415	6.3	6.6	69	51	20	33	190	232
Morgan	359	5.9	6.1	86	78	7	18	160	222
Morrow	819	6.0	6.2	84	77	13	28	143	209
Muskingum	735	5.6	6.2	84	67	10	28	155	223
Noble	217	5.5	6.1	90	80	6	21	180	247
Ottawa	147	6.4	6.8	59	50	27	49	343	379
Paulding	367	6.0	6.6	85	54	19	29	330	292
Perry	303	6.0	6.1	89	72	11	24	135	205
Pickaway	904	6.3	6.6	66	54	14	35	148	236
Pike	333	6.2	6.1	76	73	5	20	150	187
Portage	532	6.2	6.1	79	81	21	37	135	200
Preble	614	6.1	6.6	72	53	19	40	180	252
Putnam	831	6.0	6.3	89	70	25	49	315	315
Richland	664	5.7	6.2	88	76	18	34	133	202
Ross	508	6.4	6.5	64	54	8	27	150	210
Sandusky	683	6.5	6.8	46	38	23	52	175	275
Scioto	411	5.8	6.1	88	65	6	33	130	241
Seneca	1499	6.3	6.5	73	49	19	37	163	224
Shelby	876	6.0	6.4	82	72	14	31	170	239
Stark	624	6.2	6.3	78	71	20	43	120	214
Summit	90	6.0	6.3	86	67	24	42	135	186
Trumbull	526	5.8	6.0	92	89	19	34	105	198
Tuscarawas	1304	6.2	6.2	79	73	15	34	135	208
Union	678	6.0	6.4	73	66	12	31	185	253
Van Wert	343	6.1	6.5	85	71	31	40	225	287
Vinton	160	5.2	6.2	85	62	7	15	130	169
Warren	656	6.0	6.4	75	57	17	32	158	214
Washington	463	5.4	5.9	89	80	9	27	145	223
Wayne	2235	6.2	6.4	75	64	25	42	133	225
Williams	572	6.0	6.3	86	74	24	42	168	238
Wood	763	6.1	6.7	77	45	26	50	225	320
Wyandot	477	6.2	6.5	69	52	22	37	165	235
State	53615	5.9	6.3	80	68	18	35	165	237

1. Total number of field crop soil samples submitted to The Soil Testing Laboratory from July 1, 1971 to June 30, 1972.
2. Represents the average value for all field samples submitted from January 1, 1961 to December 31, 1961. Mode value used for soil pH. Mode pH is the pH appearing most frequently. Average value used for P and K. Source: Musgrave, O.L. 1961. Some characteristics of the Soil Fertility Status of Ohio Soils as shown by 1961 Soil Test Summary. Mimeo 2 p.
3. Represents the average value for all field crop soil samples submitted from July 1, 1971 to June 30, 1972.

Average soil pH, percent of soils requiring lime, and the phosphorus and potassium values for each county are shown in Figures 1 to 4. The figures give a panoramic view of soil nutrient status in each county. For more specific information, the county soil test summary tables starting on Page 10 show the ranges of the various soils tests in each county.

The three categories of soil samples (field crop, horticultural, and turf) were summarized separately because they represent three different populations of soil samples. Their variation are shown in Tables 2, 3, and 4. The soil pH, phosphorus, and potassium levels are notably higher for horticultural and turf samples.

Results of the soil tests are summarized as a computer print-out starting on Page 10 for each county and for the state, according to each of the three categories of samples. The various soil tests are divided into six ranges with the percent of soil samples listed beside the range. For example ranges used for summarizing soil test results for soil pH are <5.0, 5.0-5.4, 5.5-5.9, 6.0-6.4, 6.5-6.9, and >6.9. The average soil test value and the number of soil samples tested are printed under the present column (abbreviated PCT) for the various soil tests.

Table 2. Range in Soil pH Values for Field Crop, Horticultural and Turf Soil Samples

Soil pH	Field Crop Samples	Horticultural Samples	Turf Samples
	%	%	%
< 5.0	2	4	2
5.0-5.4	8	9	6
5.5-5.9	16	14	11
6.0-6.4	28	17	15
6.5-6.9	32	22	21
> 6.9	14	35	45
Avg. pH	6.3	6.5	6.7

The data represents 53,615 field crop, 3,237 horticultural and 3,346 turf soil samples.

Table 3. Range in Phosphorus Values for Field Crop, Horticultural and Turf Soil Samples

Phosphorus	Field Crop Samples	Horticultural Samples	Turf Samples
	%	%	%
1b/A			
< 10	14	6	10
10-19	22	9	12
20-29	18	6	8
30-39	30	14	20
60-89	10	15	18
> 89	6	50	32
Avg. 1b/A	35	97	68

The data represents 53,615 field crop, 3,237 horticultural and 3,346 turf soil samples.

Table 4. Range in Potassium Values for Field Crop, Horticultural and Turf Soil Samples

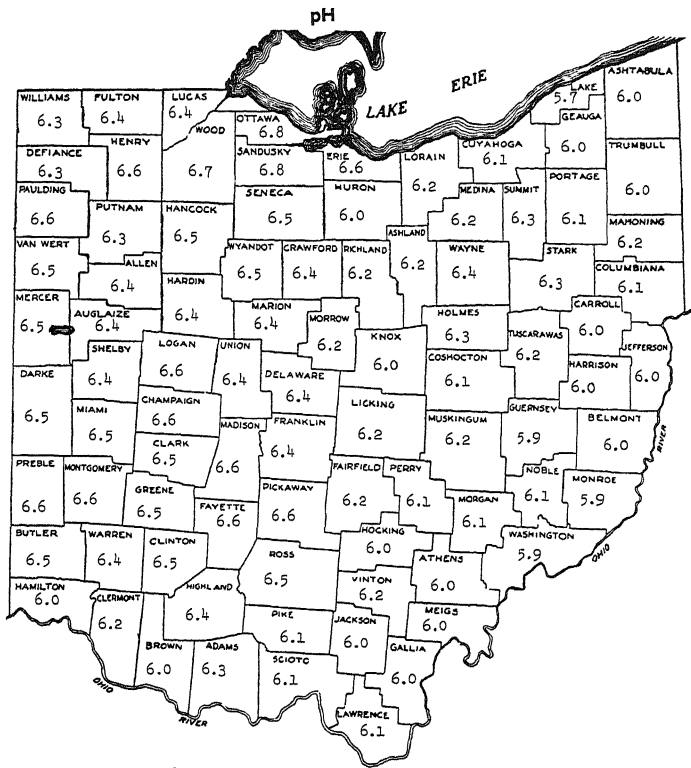
Potassium	Field Crop Samples	Horticultural Samples	Turf Samples
	%	%	%
1b/A			
> 100	4	2	2
100-149	16	7	9
150-199	26	12	18
200-399	49	39	55
400-499	3	10	8
> 499	2	29	7
Avg. 1b/A	230	483	289

The data represents 53,615 field crop, 3,237 horticultural and 3,346 turf soil samples.

Soil tests summarized are listed as follows, with the abbreviation used by the computer in parentheses: Soil pH (PH), Lime Test Index (LTI), Available Phosphorus (P LB/A), Potassium (K LB/A), Calcium (CA LB/A), Magnesium (MG LB/A), % Base Saturation of Calcium (% CA), % Base Saturation of Magnesium (% MG), % Base Saturation of Potassium (% K), Cation Exchange Capacity (CEC), Calcium-Magnesium Ratio (CA/MG), Manganese (MN LB/A), Boron (B LB/A), Zinc (ZN LB/A), Soluble Salts (SOL SALT), % Organic Matter (% OM) and Nitrates (NO3 LB/A). Not all of the above soil tests were run in all of the counties. Thus, some counties do not have all of the tests printed-out in the computer summary.

Summary

This soil test summary permits making comparisons with the 1961 soil test summary. Soil pH values for the 1971 summary have increased for most counties. Consequently, only 68 percent of the soil samples required a lime recommendation in 1971 compared to 80 percent in 1961. There was also a notable change in the level of available phosphorus and exchangeable potassium since the 1961 summary. Average value for Ohio soils increased from 18 to 35 pounds per acre for phosphorus and from 165 to 237 pounds per acre for potassium.



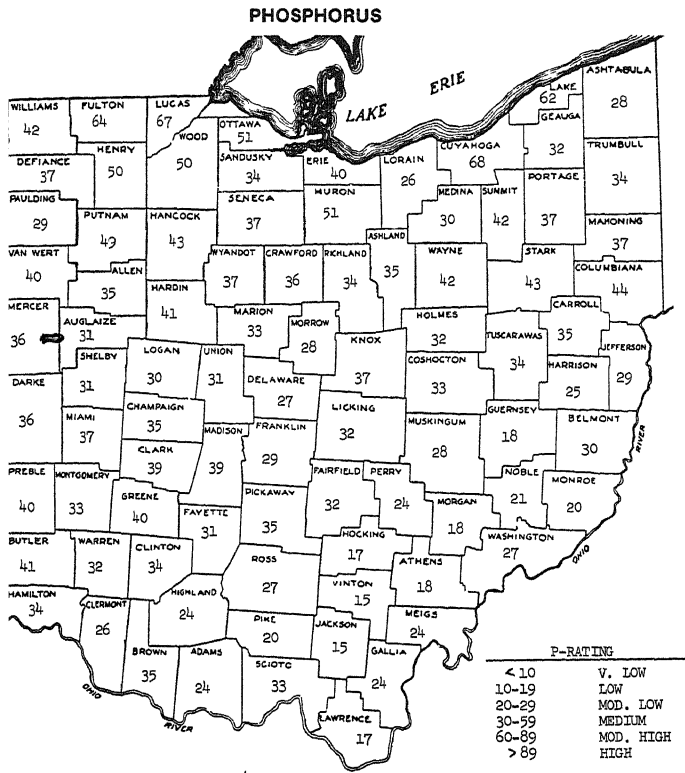
STATE AVERAGE pH - 6.3

Figure 1. Average Soil pH for Each County in 1971-72



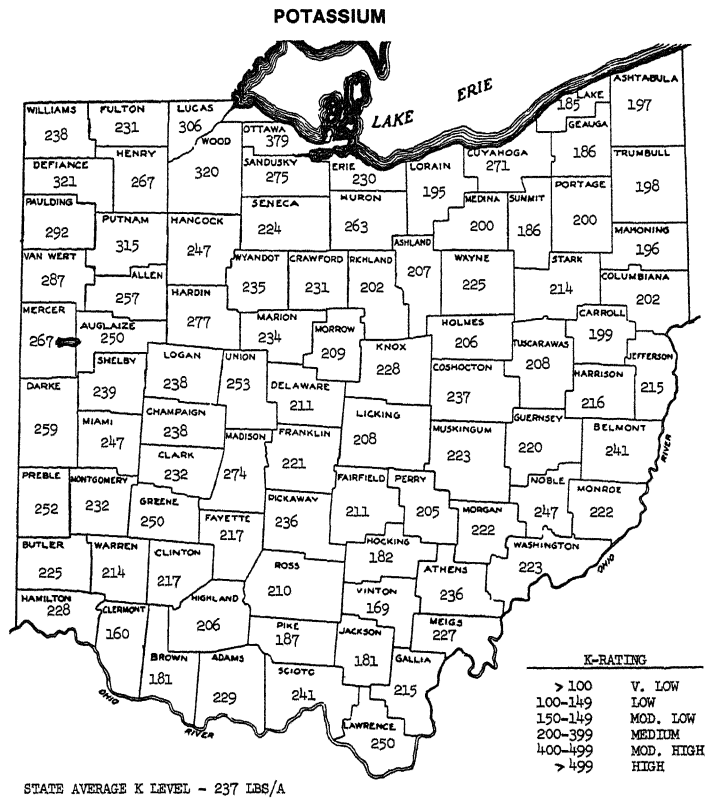
STATE AVERAGE - 68% NEED LIME

Figure 2. Average Percent of Soils Requiring Lime in Each County in 1971-72



STATE AVERAGE P LEVEL - 35 LBS/A

Figure 3. Average Phosphorus Level (lb/A) for Each County in 1971-72



STATE AVERAGE K LEVEL - 237 LBS/A

Figure 4. Average Potassium Level (lb/A) for Each County in 1971-72

APPENDIX

Appendix Table 1. Analytical Methods and Procedures*

Soil pH—Soil pH was determined by using a pH-meter on a 1 to 1 soil-water suspension.

Lime Test Index—The lime test index was made by using the Shoemaker, et. al. lime buffer solution technique.**

Available Phosphorus—Extracting solution Bray 1 (0.03N ammonium fluoride in 0.025N HCl), using a soil-solution ratio of 1 to 10. After shaking 5 minutes and filtering, 5 ml of the extract was retained for phosphorus determination by the ammonium molybdate stannous chloride method. The resultant blue color was read with a Bausch and Lomb Spectronic 20 colorimeter.

Exchangeable Potassium—Potassium was extracted with a solution of 1N neutral ammonium acetate, by using a soil-solution ratio of 1 to 3. After shaking 5 minutes and filtering, a 2 ml aliquot was diluted with 6 ml of extracting solution, and read on a Perkin-Elmer Model 303 Atomic Absorption Spectrophotometer.

Exchangeable Calcium and Magnesium—Calcium and magnesium was extracted with a solution of 1N neutral ammonium acetate, by using a soil-solution ratio of 1 to 10. After shaking 10 minutes and filtering, a 0.5 ml aliquot was diluted to 25 ml with a 1% Lanthanum solution, and read on a Perkin-Elmer Model 303 Atomic Absorption Spectrophotometer.

Available Manganese—Manganese was extracted with 0.1N Phosphoric Acid solution, by using a soil-solution ratio of 1 to 10. After shaking 10 minutes and filtering, manganese in the filtrate was read on a Perkin-Elmer Model 303 Atomic Absorption Spectrophotometer.

Available Zinc—Zinc was extracted with a 0.1N HCl solution using a soil solution ratio of 1 to 25. After shaking for 30 minutes and centrifuging, zinc in the solution was read on a Perkin-Elmer Model 303 Atomic Absorption Spectrophotometer.

Available Boron—Boron was determined using a modification of the Berger and Truog*** method.

Soluble Salts—The specific conductance (mhos $\times 10^{-5}$ at 25°C) was determined with a Solu-Bridge on 1 to 2 soil water extract.

Organic Matter—Organic matter was determined using a dry ashing procedure.

Nitrate-Nitrogen—The $\text{NO}_3\text{-N}$ was determined on a 1:5 soil water solution using a nitrate ion electrode on a pH meter.

* Trierweiler, J. F. 1972. "Soil Testing Methods." A mimeograph of methods currently used by The Ohio State University Soil Testing Laboratory. 20 p.

** Shoemaker, H. E., E. O. McLean, and P. F. Pratt. 1961. "Buffer Methods for Determining Lime Requirement of Soil with Appreciable Amounts of Extractable Aluminum." SSSA Proc. 25:274-277.

*** Berger, K. C. and Emil Truog. 1944. Boron tests and determination for soils and plants. Soil Sci 57:25-36.

Appendix Table 2. Number of Samples Tested in Each County by Extension Area for the Period of 1962-1971

Counties By Areas	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Canfield										
Ashtabula	569	1135	1009	1108	1381	988	784	697	703	667
Carroll	738	917	994	727	922	971	725	616	540	626
Columbiana	1499	1556	1503	1496	1626	1698	1273	1111	945	938
Geauga	476	360	426	414	467	388	342	256	281	272
Lake	119	155	181	137	231	290	163	154	121	157
Mahoning	971	911	962	884	1206	932	623	673	787	756
Portage	1029	894	854	915	1097	972	722	617	608	555
Stark	1444	1272	1251	1396	1167	1228	920	754	849	765
Trumbull	<u>757</u>	<u>714</u>	<u>628</u>	<u>555</u>	<u>958</u>	<u>812</u>	<u>647</u>	<u>530</u>	<u>485</u>	<u>581</u>
Total	7602	7914	7808	7632	9055	8279	6199	5408	5319	5317
Eaton										
Butler	691	799	733	959	891	881	792	715	474	481
Clermont	918	700	694	708	603	620	360	438	405	381
Darke	1936	1953	2213	2435	1836	1520	1647	1456	1241	1195
Hamilton	353	369	383	322	348	395	310	440	344	375
Miami	956	1046	1325	1356	1134	676	529	558	583	592
Montgomery	578	706	694	715	707	573	281	360	444	448
Preble	1201	1628	1206	1391	1630	1142	723	605	476	472
Warren	<u>638</u>	<u>732</u>	<u>1195</u>	<u>1072</u>	<u>1093</u>	<u>1034</u>	<u>1027</u>	<u>832</u>	<u>517</u>	<u>743</u>
Total	7271	7933	8443	8958	8242	6841	5669	5404	4484	4687

Appendix Table 2. (continued)

Counties By Areas	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
Jackson										
Athens	323	320	370	353	471	325	293	275	267	265
Gallia	648	660	750	514	559	558	415	414	328	306
Hocking	275	200	226	183	291	296	107	175	117	184
Jackson	487	517	509	494	580	594	409	385	418	291
Lawrence	336	343	294	325	444	329	195	226	171	177
Meigs	606	517	468	519	642	499	409	344	307	263
Pike	370	335	363	373	404	444	297	356	342	351
Scioto	531	419	404	375	473	345	303	434	528	490
Vinton	202	178	169	186	225	246	168	164	143	120
Total	3778	3489	3553	3322	4089	3636	2596	2773	2621	2447
Fremont										
Crawford	1132	1114	1366	1458	1067	817	948	839	771	849
Erie	576	511	481	534	489	275	250	328	326	472
Huron	1654	1700	1746	1891	1975	1363	1141	910	993	1379
Lucas	349	750	655	767	519	509	478	475	459	350
Ottawa	892	614	779	730	653	401	270	338	197	154
Sandusky	935	1206	1372	1354	1118	981	692	443	552	691
Seneca	1608	1722	2076	2282	2486	1805	1397	1418	1266	1636
Wyandot	1728	1057	1350	1253	943	938	783	811	789	571
Total	8874	8674	9825	10269	9250	7089	5959	5562	5353	6102
McConnelssville										
Belmont	1103	975	851	1288	1066	944	673	640	552	412
Guernsey	936	822	775	810	978	690	613	594	602	543
Harrison	453	433	426	442	632	469	351	341	263	208
Jefferson	767	432	490	539	576	424	407	422	388	307
Monroe	928	776	712	796	842	598	492	486	476	415
Morgan	572	471	445	509	641	416	406	397	292	384
Muskingum	1042	1057	973	1275	1306	918	661	1056	812	815
Noble	420	424	361	328	568	437	313	233	255	158
Perry	495	649	458	502	671	501	326	337	319	317
Washington	732	730	796	852	813	717	548	472	418	387
Total	7448	6769	6287	7341	8093	6114	4790	4978	4347	3946
Wapakoneta										
Allen	784	925	1451	1217	1004	693	555	695	446	470
Auglaize	1058	905	1076	976	819	819	630	878	557	666
Champaign	1004	907	1124	1457	1247	1010	939	765	1051	967
Hardin	1126	1300	1326	1441	1139	1028	941	1297	564	669
Logan	671	769	822	815	717	617	361	318	492	407
Mercer	1292	1414	2113	1828	2020	1541	1331	1737	885	854
Shelby	1243	1132	1432	1818	1675	1209	784	1343	1120	1144
Union	1060	1484	1494	1508	1156	939	836	735	691	549
Total	8238	8836	10838	11060	9777	7856	6377	7768	5806	5726
Defiance										
Defiance	614	508	784	1309	660	734	756	540	330	373
Fulton	948	993	1110	1256	1123	734	775	859	577	1147
Hancock	2174	1759	1835	1646	1051	868	1253	1349	890	824
Henry	543	707	851	1088	998	638	620	482	316	266
Paulding	575	282	298	417	349	501	334	368	326	348
Putnam	897	1275	1916	1365	1209	849	1035	1082	658	923
Van Wert	691	755	826	699	648	788	357	308	310	366
Williams	688	868	839	761	1312	1380	988	793	906	686
Wood	1582	1760	1731	1851	2446	1465	1131	1439	1264	837
Total	8712	8907	10190	10392	9796	7957	7249	7220	5577	5770

Appendix Table 2. (continued)

Counties By Areas	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971
<u>Mt. Gilead</u>										
Delaware	1150	1042	1081	1051	994	823	690	652	543	571
Fairfield	1216	1036	1516	1048	1028	983	548	771	709	554
Franklin	1154	1066	946	890	879	884	708	670	718	830
Knox	973	995	917	1179	1086	862	601	707	578	688
Licking	1509	1524	1700	1536	1503	1623	1258	1225	1004	1002
Marion	1291	1214	1380	1766	1049	984	663	759	520	773
Morrow	870	767	831	1060	861	725	480	542	423	652
Richland	<u>863</u>	<u>806</u>	<u>966</u>	<u>1060</u>	<u>773</u>	<u>897</u>	<u>658</u>	<u>745</u>	<u>517</u>	<u>652</u>
Total	9026	8450	9337	9590	8173	7781	5606	6071	5012	5722
<u>Washington C.H.</u>										
Adams	1024	1020	1090	846	1343	985	558	664	595	475
Brown	940	952	1015	892	971	816	609	679	550	492
Clark	953	831	1050	1014	942	881	776	707	621	590
Clinton	2408	2121	2320	2502	2057	1564	1700	1904	1434	1393
Fayette	1282	1089	1173	1251	1484	1278	1256	1237	980	995
Greene	702	978	1321	1120	1477	1449	1613	1602	1471	949
Highland	1876	1508	1505	1303	1766	1673	1497	1394	1300	1481
Madison	1280	1264	1291	1196	1292	899	794	661	590	350
Pickaway	1434	1325	1281	1388	1237	1039	915	1010	781	695
Ross	<u>1028</u>	<u>1845</u>	<u>946</u>	<u>660</u>	<u>930</u>	<u>556</u>	<u>403</u>	<u>498</u>	<u>534</u>	<u>415</u>
Total	12927	12933	12992	12172	13499	11140	10121	10356	8856	7835
<u>Wooster</u>										
Ashland	1367	905	1087	1084	1023	1003	863	718	690	776
Coshocton	1040	1061	1210	968	1311	1045	749	603	597	679
Cuyahoga	384	338	430	335	421	489	268	513	321	114
Holmes	1526	1684	1546	1553	1770	1300	1061	582	492	491
Lorain	1018	1002	1000	813	831	738	567	766	420	476
Medina	926	775	665	794	724	740	535	502	507	526
Summit	399	405	355	326	397	294	261	231	241	329
Tuscarawas	1208	1228	1272	1237	1205	1342	855	901	948	1172
Wayne	<u>3122</u>	<u>2952</u>	<u>3212</u>	<u>2830</u>	<u>2720</u>	<u>2451</u>	<u>2077</u>	<u>2117</u>	<u>1788</u>	<u>1879</u>
Total	10990	10350	10777	9940	10402	9402	7236	6933	6004	6442
Other, Misc, Out of State	2409	3050	4438	5064	6147	4007	3428	4320	3318	3543
Grand Total	87275	87305	94488	95740	96523	80102	65230	66793	56697	57537

ADAMS County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 3	<10 37	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 9	6.1-6.2 6	10-19 23	100-149 15	800-1599 0	150-249 0	20-40 33	3- 5 0	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 19	6.3-6.4 10	20-29 14	150-199 27	1600-2399 67	250-499 33	40-60 67	6- 9 0	1.1- 2 100	15-20 0	2- 3 100
6.0-6.4 25	6.5-6.6 20	30-59 17	200-399 51	2400-3999 33	500-699 67	60-80 0	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 30	6.7-6.8 32	60-89 6	400-499 2	4000-8999 0	700-999 0	80-90 0	15-20 100	3.1- 5 0	30-40 0	5-10 0
>6.9 14	>6.8 30	>89 3	>499 2	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.3	6.7	24	229	2228	547	45.1	18.4	1.6	12.4	2.4
CNT 697	697	697	697	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 67	10- 29 1- 4	1- 4 20- 79	
20- 39 0	1.1-2.0 100	6- 9 33	30-59 4- 7	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 0	60-149 7-10	7-10 150-500	
60-120 100	4.1-9.9 0	16-99 0	150-249 10-20	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. .83	1.3	4.8	0	0	0
CNT 3	3	3	0	0	0

ADAMS County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 17	6.3-6.4 0	20-29 0	150-199 17
6.0-6.4 33	6.5-6.6 33	30-59 17	200-399 33
6.5-6.9 50	6.7-6.8 50	60-89 33	400-499 17
>6.9 0	>6.8 17	>89 50	>499 33
AVG. 6.4	6.8	91	360
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 33	10- 29 33	1- 4 20- 79	
20- 39 0	1.1-2.0 0	6- 9 33	30-59 33	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 33	60-149 33	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. 43					
CNT 0	0	0	3	0	0

ADAMS County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 50	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 25	100-149 25
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 25
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 50
6.5-6.9 0	6.7-6.8 0	60-89 25	400-499 0
>6.9 100	>6.8 100	>89 0	>499 0
AVG. 7.8	7.0	26	240
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 20- 79	
20- 39 0	1.1-2.0 0	6- 9 100	30-59 100	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. 41					
CNT 0	0	0	4	0	0

ALLEN County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 5	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 6	6.1-6.2 4	10-19 19	100-149 3	800-1599 4	150-249 0	20-40 14	3- 5 0	.6- 1 0	10-15 46	1- 2 11
5.5-5.9 15	6.3-6.4 12	20-29 24	150-199 19	1600-2399 14	250-499 14	40-60 54	6- 9 11	1.1- 2 61	15-20 43	2- 3 61
6.0-6.4 31	6.5-6.6 20	30-59 42	200-399 74	2400-3999 61	500-699 29	60-80 25	10-14 18	2.1- 3 32	20-30 7	3- 5 21
6.5-6.9 36	6.7-6.8 32	60-89 8	400-499 3	4000-8999 18	700-999 50	80-90 7	15-20 29	3.1- 5 4	30-40 4	5-10 4
>6.9 11	>6.8 31	>89 3	>499 2	>9000 4	>999 7	>90 0	>20 43	> 5 4	>40 0	>10 4
AVG. 6.4	6.7	35	257	3666	779	54.7	20.0	2.1	16.3	3.0
CNT 707	707	707	707	28	28	28	28	28	28	28

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 33	.6-1.0 0	3-6 0	10- 29 1- 4	1- 4 20- 79	
20- 19 33	1.1-2.0 0	6- 9 0	30-59 4- 7	4- 7 80-149	
40- 59 33	2.1-4.0 50	9-16 14	60-149 7-10	7-10 150-500	
60-120 0	4.1-9.9 50	16-99 86	150-249 10-20	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. 31	2.8	26.4	0	0	0
CNT 3	2	7	0	0	0

ALLEN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 6	<100 0	< 800 20	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 3	6.1-6.2 6	10-19 20	100-149 6	800-1599 0	150-249 0	20-40 50	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 17	6.3-6.4 9	20-29 6	150-199 6	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 50	15-20 0	2- 3 50
6.0-6.4 20	6.5-6.6 9	30-59 17	200-399 49	2400-3999 20	500-699 50	60-80 50	10-14 50	2.1- 3 0	20-30 100	3- 5 50
6.5-6.9 20	6.7-6.8 20	60-89 14	400-499 11	4000-8999 40	700-999 50	80-90 0	15-20 50	3.1- 5 0	30-40 0	5-10 0
>6.9 40	>6.8 57	>89 37	>499 29	>9000 20	>999 0	>90 0	>20 0	> 5 50	>40 0	>10 0
AVG. 6.6	6.8	91	628	5754	750	54.1	14.6	3.3	21.7	3.1
CNT 35	35	35	35	5	2	2	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 50	<0.6 0	< 3 0	< 10 0	< 1 100	< 20 0
10- 19 0	.6-1.0 0	3- 6 0	10- 29 25	1- 4 0	20- 79 0
20- 39 50	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 67
40- 59 0	2.1-4.0 100	9-16 100	60-149 20	7-10 0	150-500 33
60-120 0	4.1-9.9 0	16-99 0	150-249 5	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 20	2.3	9.7	57	1.0	163
CNT 2	1	3	20	3	3

ALLEN County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 12	<100 0
5.0-5.4 1 0	6.1-6.2 0	10-19 6	100-149 0
5.5-5.9 0	6.3-6.4 6	20-29 0	150-199 0
6.0-6.4 12	6.5-6.6 0	30-59 29	200-399 82
6.5-6.9 29	6.7-6.8 6	60-89 12	400-499 0
>6.9 59	>6.8 88	>89 41	>499 18
AVG. 7.0	6.9	76	353
CNT 17	17	17	17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3- 6 0	10- 29 27	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 47	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 27	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	42	0	0
CNT 0	0	0	15	0	0

ASHLAND County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 2	<6.1 2	<10 6	<100 4	< 800 0	<150 0	<20 0	< 3 6	<.6 0	<10 0	< 1 0
5.0-5.4 8	6.1-6.2 4	10-19 24	100-149 23	800-1599 0	150-249 6	20-40 6	3- 5 0	.6- 1 6	10-15 47	1- 2 0
5.5-5.9 20	6.3-6.4 11	20-29 21	150-199 33	1600-2399 6	250-499 47	40-60 53	6- 9 6	1.1- 2 65	15-20 47	2- 3 18
6.0-6.4 34	6.5-6.6 22	30-59 34	200-399 37	2400-3999 76	500-699 29	60-80 41	10-14 41	2.1- 3 24	20-30 0	3- 5 71
6.5-6.9 29	6.7-6.8 38	60-89 11	400-499 2	4000-8999 18	700-999 12	80-90 0	15-20 35	3.1- 5 6	30-40 6	5-10 6
>6.9 7	>6.8 23	>89 4	>499 1	>9000 0	>999 6	>90 0	>20 12	> 5 0	>40 0	>10 6
AVG. 6.7	6.7	35	207	3494	526	55.7	14.9	1.9	15.7	4.7
CNT 962	962	962	962	17	17	17	17	17	17	17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3- 6 0	10- 29 36	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 100	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 7	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	8.8	56	0	0
CNT 0	0	1	14	0	0

ASHLAND County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 5	<6.1 0	<10 5	<100 5
5.0-5.4 10	6.1-6.2 5	10-19 15	100-149 10
5.5-5.9 5	6.3-6.4 5	20-29 5	150-199 10
6.0-6.4 5	6.5-6.6 10	30-59 0	200-399 40
6.5-6.9 40	6.7-6.8 15	60-89 25	400-499 10
>6.9 35	>6.8 65	>89 50	>499 25
AVG. 6.6	6.8	97	389
CNT 20	20	20	20

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3- 6 0	10- 29 36	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 7	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	56	0	0
CNT 0	0	0	14	0	0

ASHLAND County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 0	<10 11	<100 0
5.0-5.4 5	6.1-6.2 5	10-19 0	100-149 8
5.5-5.9 24	6.3-6.4 11	20-29 5	150-199 24
6.0-6.4 18	6.5-6.6 13	30-59 29	200-399 61
6.5-6.9 29	6.7-6.8 21	60-89 34	400-499 5
>6.9 21	>6.8 50	>89 21	>499 3
AVG. 6.4	6.8	63	271
CNT 38	38	38	38

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	5 7-10	150-500
60-120	4.1-9.9	16-99	150-249	0 10-20	500-999
>120	>9.9	>99	>250	0 >20	>999
AVG.				33	
CNT 0	0	0	0	37	0

ASHTABULA County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 18	<10 24	<100 10	< 800 0	<150 0	<20 5	< 3 5	<.6 0	<10 0	< 1 0
5.0-5.4 17	6.1-6.2 17	10-19 26	100-149 29	800-1599 5	150-249 9	20-40 27	3- 5 5	.6- 1 5	10-15 45	1- 2 9
5.5-5.9 24	6.3-6.4 17	20-29 16	150-199 24	1600-2399 14	250-499 18	40-60 59	6- 9 9	1.1- 2 59	15-20 45	2- 3 32
6.0-6.4 27	6.5-6.6 19	30-59 22	200-399 31	2400-3999 82	500-699 41	60-80 9	10-14 18	2.1- 3 5	20-30 9	3- 5 50
6.5-6.9 27	6.7-6.8 20	60-89 9	400-499 2	4000-8999 0	700-999 23	80-90 0	15-20 41	3.1- 5 23	30-40 0	5-10 5
>6.9 5	>6.8 8	>89 3	>499 3	>9000 0	>999 9	>90 0	>20 23	> 5 9	>40 0	>10 5
AVG. 6.0	6.4	28	197	2909	605	47.0	16.2	2.4	16.1	3.5
CNT 702	702	702	702	22	22	22	22	22	27	27

ASHTABULA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 10	<6.1 26	<10 10	<100 6	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 21	6.1-6.2 13	10-19 14	100-149 9	800-1599 18	150-249 33	20-40 67	3- 5 0	.6- 1 33	10-15 67	1- 2 0
5.5-5.9 20	6.3-6.4 14	20-29 6	150-199 7	1600-2399 0	250-499 33	40-60 0	6- 9 67	1.1- 2 33	15-20 0	2- 3 3
6.0-6.4 17	6.5-6.6 17	30-59 19	200-399 44	2400-3999 0	500-699 33	60-80 33	10-14 33	2.1- 3 0	20-30 33	3- 5 3
6.5-6.9 9	6.7-6.8 6	60-89 19	400-499 4	4000-8999 82	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 3
>6.9 23	>6.8 24	>89 33	>499 30	>9000 0	>999 0	>90 0	>20 0	> 5 33	>40 0	>10 0
AVG. 6.0	6.4	84	452	5713	370	39.5	8.7	3.2	16.9	4..
CNT 70	70	70	70	11	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	5 7-10	150-500
60-120	4.1-9.9	16-99	150-249	0 10-20	500-999
>120	>9.9	>99	>250	2 >20	>999 0
AVG.				53	9.5
CNT 0	0	0	62	8	8

ASHTABULA County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 6	<6.1 11	<10 11	<100 3
5.0-5.4 17	6.1-6.2 14	10-19 3	100-149 3
5.5-5.9 17	6.3-6.4 23	20-29 3	150-199 23
6.0-6.4 17	6.5-6.6 3	30-59 9	200-399 37
6.5-6.9 11	6.7-6.8 9	60-89 20	400-499 6
>6.9 31	>6.8 40	>89 54	>499 29
AVG. 6.2	6.5	81	343
CNT 35	35	35	35

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	5 7-10	150-500
60-120	4.1-9.9	16-99	150-249	0 10-20	500-999
>120	>9.9	>99	>250	0 >20	>999
AVG.				50	
CNT 0	0	0	35	0	0

ATHENS County Summary—FIELD CROP Samples

ALL	PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	ZMG PCT	TK PCT	CEC PCT	CA/MG PCT										
<5.0	6	<6.1	8	<10	49	<100	5	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	20	6.1-6.2	10	10-19	22	100-149	16	800-1599	0	150-249	33	20-40	33	3-5	0	.6-1	0	10-15	33	1-2	0
5.5-5.9	23	6.3-6.4	16	20-29	10	150-199	21	1600-2399	0	250-499	67	40-60	67	6-9	100	1.1-2	100	15-20	33	2-3	0
6.0-6.4	16	6.5-6.6	21	30-59	15	200-399	50	2400-3999	100	500-699	0	60-80	0	10-14	0	2.1-3	0	20-30	33	3-5	67
6.5-6.9	20	6.7-6.8	20	60-89	3	400-499	5	4000-8999	0	700-999	0	80-90	0	15-20	0	3.1-5	0	30-40	0	5-10	33
>6.9	14	>6.8	25	>89	2	>499	2	>9000	0	>999	0	>90	0	>20	0	>5	0	>40	0	>10	0
AVG.	6.0	6.6	18	236	2908	361	40.3	8.2	1.3	18.1	5.0										
CNT	256	256	256	256	2908	361	40.3	8.2	1.3	18.1	5.0										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	22	0	0
CNT	0	0	1	0	0

ATHENS County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	
<5.0	3	<6.1	0	<10	15
5.0-5.4	3	6.1-6.2	3	10-19	21
5.5-5.9	12	6.3-6.4	21	20-29	0
6.0-6.4	30	6.5-6.6	15	30-59	15
6.5-6.9	15	6.7-6.8	18	60-89	15
>6.9	36	>6.8	42	>89	33
AVG.	6.5	6.7	65	415	
CNT	33	33	33	33	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	35	0	0
CNT	0	0	28	0	0

ATHENS County Summary—TURF Samples

ALL	PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<10	23
5.0-5.4	3	6.1-6.2	0	10-19	28
5.5-5.9	10	6.3-6.4	8	20-29	10
6.0-6.4	15	6.5-6.6	3	30-59	10
6.5-6.9	28	6.7-6.8	23	60-89	15
>6.9	45	>6.8	68	>89	15
AVG.	6.9	6.9	45	318	
CNT	40	40	40	40	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	29	0	0
CNT	0	0	40	0	0

AUGLAIZE County Summary—FIELD CROP Samples

ALL	PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	ZMG PCT	TK PCT	CEC PCT	CA/MG PCT										
<5.0	1	<6.1	0	<10	6	<100	1	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	4	6.1-6.2	3	10-19	25	100-149	5	800-1599	0	150-249	0	20-40	0	3-5	0	.6-1	11	10-15	11	1-2	0
5.5-5.9	15	6.3-6.4	9	20-29	25	150-199	19	1600-2399	0	250-499	0	40-60	44	6-9	0	1.1-2	61	15-20	39	2-3	50
6.0-6.4	31	6.5-6.6	21	30-59	33	200-399	72	2400-3999	28	500-699	11	60-80	56	10-14	17	2.1-3	22	20-30	39	3-5	50
6.5-6.9	34	6.7-6.8	32	60-89	8	400-499	3	4000-8999	72	700-999	56	80-90	0	15-20	39	3.1-5	6	30-40	6	5-10	0
>6.9	15	>6.8	34	>89	2	>499	1	>9000	0	>999	33	>90	0	>20	44	>5	0	>40	6	>10	0
AVG.	6.4	6.7	31	250	5043	972	59.9	20.2	1.9	21.3	3.1										
CNT	471	471	471	471	18	18	18	18	18	18	18										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	1.2	12.6	0	0	0
CNT	1	2	0	0	0

AUGLAIZE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 14	150-199 14
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 14
6.5-6.9 0	6.7-6.8 0	60-89 0	400-499 14
>6.9 100	>6.8 100	>89 86	>499 57
AVG. 7.4	7.0	118	532
CNT 7	7	7	7

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	14	1- 4
20- 39	1.1-2.0	6- 9	30-59	71	4- 7
40- 59	2.1-4.0	9-16	60-149	14	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 0	0	0	7	0	0
CNT 0	0	0	7	0	0

AUGLAIZE County Summary—TURF Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 13	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 20	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 7	150-199 7
6.0-6.4 0	6.5-6.6 0	30-59 13	200-399 53
6.5-6.9 13	6.7-6.8 0	60-89 13	400-499 13
>6.9 87	>6.8 100	>89 33	>499 27
AVG. 7.4	7.0	66	412
CNT 15	15	15	15

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	21	1- 4
20- 39	1.1-2.0	6- 9	30-59	71	4- 7
40- 59	2.1-4.0	9-16	60-149	7	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 0	0	0	14	0	0
CNT 0	0	0	14	0	0

BELMONT County Summary—FIELD CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 14	<10 20	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 18	6.1-6.2 11	10-19 28	100-149 14	800-1599 0	150-249 0	20-40 25	3- 5 0	.6- 1 25	10-15 0	1- 2 0
5.5-5.9 22	6.3-6.4 13	20-29 15	150-199 22	1600-2399 0	250-499 25	40-60 0	6- 9 75	1.1- 2 75	15-20 0	2- 3 25
6.0-6.4 25	6.5-6.6 22	30-59 25	200-399 55	2400-3999 25	500-699 50	60-80 0	10-14 25	2.1- 3 0	20-30 75	3- 5 0
6.5-6.9 23	6.7-6.8 26	60-89 9	400-499 4	4000-8999 0	700-999 25	80-90 25	15-20 0	3.1- 5 0	30-40 0	5-10 25
>6.9 7	>6.8 13	>89 4	>499 3	>9000 75	>999 0	>90 50	>20 0	> 5 0	>40 25	>10 50
AVG. 6.0	6.5	30	241	8995	618	75.1	9.3	1.4	28.7	8.9
CNT 418	418	418	418	4	4	4	4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 1.3	1.3	0	0	0	0
CNT 0	1	0	0	0	0

BELMONT County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 27	<10 9	<100 0	< 800 0	<150 0	<20 20	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 18	6.1-6.2 9	10-19 36	100-149 18	800-1599 0	150-249 20	20-40 80	3- 5 40	.6- 1 20	10-15 0	1- 2 0
5.5-5.9 23	6.3-6.4 9	20-29 9	150-199 9	1600-2399 80	250-499 80	40-60 0	6- 9 60	1.1- 2 80	15-20 40	2- 3 0
6.0-6.4 18	6.5-6.6 14	30-59 5	200-399 55	2400-3999 20	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 60	3- 5 80
6.5-6.9 23	6.7-6.8 5	60-89 23	400-499 9	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 20
>6.9 14	>6.8 36	>89 18	>499 9	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.1	6.5	49	288	1919	300	23.9	6.2	1.4	20.1	3.9
CNT 22	22	22	22	5	5	5	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	6	150-500
60-120	4.1-9.9	16-99	150-249	0	500-999
>120	>9.9	>99	>250	0	>999
AVG. 37	37	0	16	0	0
CNT 0	0	0	16	0	0

BELMONT County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 7	<10 10	<100 0
5.0-5.4 10	6.1-6.2 14	10-19 28	100-149 14
5.5-5.9 24	6.3-6.4 14	20-29 3	150-199 17
6.0-6.4 28	6.5-6.6 28	30-59 7	200-399 38
6.5-6.9 28	6.7-6.8 17	60-89 7	400-499 10
>6.9 7	>6.8 21	>89 45	>499 21
AVG. 6.2	6.5	92	368
CNT 29	29	29	29

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	46	14	0
CNT 0	0	0	14	0	0

BROWN County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CFC PCT	CA/MG PCT
<5.0 4	<6.1 3	<10 22	<100 18	< 800 0	<150 5	<20 0	< 3 0	<.6 0	<10 10	< 1 0
5.0-5.4 116	6.1-6.2 8	10-19 26	100-149 30	800-1599 5	150-249 0	20-40 15	3- 5 5	.6- 1 15	10-15 50	1- 2 0
5.5-5.9 27	6.3-6.4 18	20-29 15	150-199 21	1600-7399 15	250-499 50	40 60 35	6- 9 25	1.1- 2 60	15-20 30	2- 3 25
6.0-6.4 25	6.5-6.6 26	30-59 18	200-399 25	2400-3999 60	500-699 35	60-80 45	10-14 20	2.1- 3 25	20-30 5	3- 5 45
6.5-6.9 21	6.7-6.8 24	60-89 7	400-499 4	4000-8999 20	700-999 10	80-90 5	15-20 30	3.1- 5 0	30-40 5	5-10 30
>6.9 7	>6.8 21	>89 11	>499 2	>9000 0	>999 0	>90 0	>20 20	> 5 0	>40 0	>10 0
AVG. 6.0	6.6	35	181	3399	493	58.6	15.1	1.6	14.7	4.6
CNT 628	628	628	628	20	20	20	20	20	20	20

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 4.8	1.1	5.9	0	0	0
CNT 6	5	4	0	0	0

BROWN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 20	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 20	20-29 20	150-199 20
6.0-6.4 20	6.5-6.6 0	30-59 20	200-399 60
6.5-6.9 20	6.7-6.8 20	60-89 20	400-499 0
>6.9 40	>6.8 60	>89 40	>499 20
AVG. 6.5	6.8	84	416
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	37	5	0
CNT 0	0	0	5	0	0

BROWN County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 50
6.0-6.4 50	6.5-6.6 50	30-59 0	200-399 50
6.5-6.9 50	6.7-6.8 0	60-89 50	400-499 0
>6.9 0	>6.8 50	>89 50	>499 0
AVG. 6.5	6.8	83	195
CNT 2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	30	2	0
CNT 0	0	0	2	0	0

BUTLER County Summary—FIELD CROP Samples

ALL PH PCT	LT PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	ΣCA PCT	ΣMG PCT	ΣK PCT	ΣEC PCT	CA/MG PCT
<5.0 1	<6.1 0	<10 12	<100 1	< 800 60	<150 40	<20 40	< 3 0	<.6 0	<10 40	< 1 0
5.0-5.4 4	6.1-6.2 1	10-19 19	100-149 14	800-1599 20	150-249 20	20-40 40	3- 5 40	.6- 1 20	10-15 40	1- 2 60
5.5-5.9 11	6.3-6.4 8	20-29 17	150-199 30	1600-2399 0	250-499 40	40-60 0	6- 9 20	1.1- 2 40	15-20 20	2- 3 20
6.0-6.4 28	6.5-6.6 19	30-59 32	200-399 52	2400-3999 0	500-699 0	60-80 0	10-14 40	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 34	6.7-6.8 31	60-89 10	400-499 2	4000-8999 20	700-999 0	80-90 0	15-20 0	3.1- 5 40	30-40 0	5-10 0
>6.9 22	>6.8 42	>89 10	>499 1	>9000 0	>999 0	>90 20	>20 0	> 5 0	>40 0	>10 20
AVG. 6.5	6.8	41	225	1792	218	31.3	8.8	2.7	11.7	3.4
CNT 566	566	566	566	566	5	5	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	Σ04 PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG.	1.2	0	0	0	0
CNT	0	1	0	0	0

BUTLER County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	ΣCA PCT	ΣMG PCT	ΣK PCT	ΣEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 5	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 14	6.3-6.4 0	20-29 5	150-199 5	1600-2399 0	250-499 100	40-60 0	6- 9 100	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 5	6.5-6.6 14	30-59 14	200-399 50	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1- 3 0	20-30 100	3- 5 0
6.5-6.9 14	6.7-6.8 18	60-89 23	400-499 9	4000-8999 100	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 100
>6.9 68	>6.8 64	>89 59	>499 36	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 7.0	6.8	120	556	5950	467	61.3	8.0	1.1	24.3	7.6
CNT 22	22	22	27	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	Σ04 PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19	.6-1.0 0	3-6 0	10- 29 41	1- 4 0	20- 79 0
20- 39	1.1-2.0 0	6- 9 0	30-59 59	4- 7 0	80-149 0
40- 59	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG.	0	0	35	0	0
CNT	0	0	17	0	0

BUTLER County Summary—TURF Samples

ALL PH PCT	LT PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 8	<100 9
5.0-5.4 0	6.1-6.2 0	10-19 20	100-149 20
5.5-5.9 3	6.3-6.4 2	20-29 9	150-199 2
6.0-6.4 6	6.5-6.6 6	30-59 8	200-399 41
6.5-6.9 14	6.7-6.8 8	60-89 11	400-499 13
>6.9 77	>6.8 84	>89 44	>499 16
AVG. 7.3	6.9	73	319
CNT 64	64	64	64

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	Σ04 PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19	.6-1.0 0	3-6 0	10- 29 38	1- 4 0	20- 79 0
20- 39	1.1-2.0 0	6- 9 0	30-59 55	4- 7 0	80-149 0
40- 59	2.1-4.0 0	9-16 0	60-149 7	7-10 0	150-500 0
60-120	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG.	0	0	35	0	0
CNT	0	0	58	0	0

CARROLL County Summary—FIELD CROP Samples

ALL PH PCT	LT PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	ΣCA PCT	ΣMG PCT	ΣK PCT	ΣEC PCT	CA/MG PCT
<5.0 8	<6.1 11	<10 9	<100 7	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 16	6.1-6.2 10	10-19 24	100-149 24	800-1599 18	150-249 0	20-40 55	3- 5 0	.6- 1 9	10-15 45	1- 2 27
5.5-5.9 20	6.3-6.4 13	20-29 19	150-199 30	1600-2399 45	250-499 45	40-60 45	6- 9 18	1.1- 2 55	15-20 36	2- 3 64
6.0-6.4 27	6.5-6.6 22	30-59 34	200-399 36	2400-3999 18	500-699 27	60-80 0	10-14 27	2.1- 3 27	20-30 0	3- 5 0
6.5-6.9 22	6.7-6.8 28	60-89 10	400-499 2	4000-8999 18	700-999 9	80-90 0	15-20 36	3.1- 5 9	30-40 18	5-10 9
>6.9 7	>6.8 16	>89 4	>499 1	>9000 0	>999 19	>90 0	>20 18	> 5 0	>40 0	>10 0
AVG. 6.0	6.5	35	199	2864	680	37.5	15.5	1.8	18.4	2.6
CNT 689	689	689	689	11	11	11	11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	Σ04 PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39	1.1-2.0 50	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59	2.1-4.0 50	9-16 0	60-149 0	7-10 0	150-500 0
60-120	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 0
>120	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG.	2.2	26.5	0	0	0
CNT	2	2	0	0	0

CARROLL County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 5	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 19	6.1-6.2 10	10-19 14	100-149 14	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 14	6.3-6.4 14	20-29 5	150-199 10	1600-2399 100	250-499 0	40-60 100	6- 9 0	1.1- 2 0	15-20 0	2- 3 100
6.0-6.4 24	6.5-6.6 14	30-59 33	200-399 24	2400-3999 0	500-699 100	60-80 0	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 33	6.7-6.8 48	60-89 24	400-499 14	4000-8999 0	700-999 0	80-90 0	15-20 100	3.1- 5 100	30-40 0	5-10 0
>6.9 10	>6.8 10	>89 24	>499 38	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.2	6.6	60	410	2155	598	42.1	19.5	4.8	12.8	2.2
CNT 21	21	21	71	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	41	0	0
CNT 0	0	0	9	0	0

CARROLL County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 8	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 2	<10 6	< 1 0
5.0-5.4 8	6.1-6.2 17	10-19 8	100-149 0	800-1599 0	150-249 0	20-40 5	3- 5 0	.6- 1 5	10-15 46	1- 2 0
5.5-5.9 17	6.3-6.4 0	20-29 16	150-199 8	1600-2399 6	250-499 18	40-60 34	6- 9 5	1.1- 2 49	15-20 30	2- 3 35
6.0-6.4 17	6.5-6.6 8	30-59 33	200-399 92	2400-3999 55	500-699 30	60-80 58	10-14 23	2.1- 3 28	20-30 11	3- 5 59
6.5-6.9 17	6.7-6.8 42	60-89 17	400-499 0	4000-8999 33	700-999 33	80-90 2	15-20 35	3.1- 5 15	30-40 2	5-10 5
>6.9 42	>6.8 33	>89 33	>499 0	>9000 6	>999 17	>90 1	>20 36	> 5 0	>40 4	>10 1
AVG. 6.5	6.7	60	248	4332	748	61.8	19.1	2.1	17.1	3.5
CNT 12	12	12	12	99	99	99	99	99	99	99

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	37	0	0
CNT 0	0	0	11	0	0

CHAMPAIGN County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 13	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 2	<10 6	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 26	100-149 11	800-1599 0	150-249 1	20-40 5	3- 5 0	.6- 1 5	10-15 46	1- 2 0
5.5-5.9 9	6.3-6.4 6	20-29 16	150-199 27	1600-2399 6	250-499 18	40-60 34	6- 9 5	1.1- 2 49	15-20 30	2- 3 35
6.0-6.4 23	6.5-6.6 13	30-59 28	200-399 57	2400-3999 55	500-699 30	60-80 58	10-14 23	2.1- 3 28	20-30 11	3- 5 59
6.5-6.9 42	6.7-6.8 35	60-89 12	400-499 4	4000-8999 33	700-999 33	80-90 2	15-20 35	3.1- 5 15	30-40 2	5-10 5
>6.9 23	>6.8 44	>89 5	>499 1	>9000 6	>999 17	>90 1	>20 36	> 5 0	>40 4	>10 1
AVG. 6.6	6.8	35	238	4332	748	61.8	19.1	2.1	17.1	3.5
CNT 794	794	794	794	99	99	99	99	99	99	99

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 37	1.7	16.9	29	0	0
CNT 9	1	7	3	0	0

CHAMPAIGN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 8	<10 0	<100 8	< 800 0	<150 0	<20 0	< 3 0	<.6 50	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 8	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 50	10-15 0	1- 2 0
5.5-5.9 8	6.3-6.4 0	20-29 23	150-199 0	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 0	6.5-6.6 0	30-59 46	200-399 69	2400-3999 0	500-699 0	60-80 100	10-14 50	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 23	6.7-6.8 15	60-89 8	400-499 15	4000-8999 0	700-999 0	80-90 0	15-20 50	3.1- 5 0	30-40 0	5-10 100
>6.9 69	>6.8 77	>89 15	>499 8	>9000 100	>999 100	>90 0	>20 0	> 5 0	>40 100	>10 0
AVG. 7.1	6.8	62	317	18012	1908	70.8	12.7	0.6	64.9	5.7
CNT 13	13	13	13	2	2	2	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	40	0	0
CNT 0	0	0	3	0	0

CHAMPAIGN County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 17	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 17	200-399 67
6.5-6.9 0	6.7-6.8 0	60-89 17	400-499 17
>6.9 100	>6.8 100	>89 50	>499 17
AVG. 7.4	7.0	107	376
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	33	1- 4
20- 39	1.1-2.0	6- 9	30-59	67	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.				36	
CNT	0	0	0	6	0

CLARK County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 11	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 11	<10 0	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 17	100-149 15	800-1599 0	150-249 0	20-40 0	3- 5 5	.6- 1 16	10-15 26	1- 2 0
5.5-5.9 12	6.3-6.4 4	20-29 16	150-199 26	1600-2399 0	250-499 5	40-60 11	6- 9 0	1.1- 2 37	15-20 26	2- 3 32
6.0-6.4 26	6.5-6.6 13	30-59 39	200-399 53	2400-3999 29	500-699 0	60-80 74	10-14 16	2.1- 3 37	20-30 16	3- 5 53
6.5-6.9 39	6.7-6.8 36	60-89 12	400-499 4	4000-8999 48	700-999 58	80-90 11	15-20 37	3.1- 5 0	30-40 5	5-10 11
>6.9 20	>6.8 47	>89 6	>499 1	>9000 24	>999 37	>90 5	>20 42	> 5 0	>40 26	>10 5
AVG. 6.5	6.8	39	232	8466	1247	69.8	19.9	1.6	29.9	4.4
CNT 556	556	556	556	21	19	19	19	19	19	19

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 50
10- 19 20	.6-1.0 25	3-6 0	10- 29 100	1- 4 50	20- 79 50
20- 39 50	1.1-2.0 38	6- 9 33	30-59 0	4- 7 50	80-149 0
40- 59 20	2.1-4.0 0	9-16 67	60-149 0	7-10 0	150-500 0
60-120 10	4.1-9.9 38	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 33	2.3	10.2	19	3.5	21
CNT 10	8	3	2	2	2

CLARK County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 3	<10 13	<100 6
5.0-5.4 0	6.1-6.2 0	10-19 6	100-149 10
5.5-5.9 3	6.3-6.4 0	20-29 0	150-199 6
6.0-6.4 3	6.5-6.6 6	30-59 23	200-399 45
6.5-6.9 23	6.7-6.8 13	60-89 23	400-499 13
>6.9 68	>6.8 77	>89 35	>499 19
AVG. 7.1	6.8	83	390
CNT 31	31	31	31

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20 18
10- 19	.6-1.0	3-6	10- 29	32	1- 4 9
20- 39	1.1-2.0	6- 9	30-59	48	4- 7 36
40- 59	2.1-4.0	9-16	60-149	16	7-10 9
60-120	4.1-9.9	16-99	150-249	3	10-20 9
>120	>9.9	>99	>250	0	>20 9
AVG.				46	11.6
CNT	0	0	0	31	11

CLARK County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 5	<10 11	<100 5
5.0-5.4 5	6.1-6.2 0	10-19 11	100-149 16
5.5-5.9 5	6.3-6.4 0	20-29 16	150-199 11
6.0-6.4 0	6.5-6.6 5	30-59 21	200-399 63
6.5-6.9 11	6.7-6.8 5	60-89 11	400-499 5
>6.9 79	>6.8 84	>89 32	>499 0
AVG. 7.2	6.9	61	254
CNT 19	19	19	19

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	56	1- 4
20- 39	1.1-2.0	6- 9	30-59	44	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.				30	
CNT	0	0	0	18	0

CLERMONT County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 7	<10 24	<100 24	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 11	6.1-6.2 7	10-19 29	100-149 35	800-1599 0	150-249 0	20-40 33	3- 5 0	.6- 1 33	10-15 67	1- 2 0
5.5-5.9 25	6.3-6.4 14	20-29 21	150-199 20	1600-2399 0	250-499 100	40-60 0	6- 9 33	1.1- 2 67	15-20 0	2- 3 0
6.0-6.4 25	6.5-6.6 20	30-59 17	200-399 18	2400-3999 67	500-699 0	60-80 33	10-14 67	2.1- 3 0	20-30 33	3- 5 33
6.5-6.9 22	6.7-6.8 27	60-89 6	400-499 2	4000-8999 33	700-999 0	80-90 33	15-20 0	3.1- 5 0	30-40 0	5-10 67
>6.9 15	>6.8 30	>89 3	>499 2	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.2	6.7	26	160	3508	396	60.8	11.3	1.0	15.9	5.4
CNT 255	255	255	255	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 100	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 100	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 153	1.5	8.2			
CNT 1	1	1	0	0	0

CLERMONT County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 5	<10 0	<100 0
5.0-5.4 14	6.1-6.2 14	10-19 0	100-149 5
5.5-5.9 9	6.3-6.4 5	20-29 5	150-199 5
6.0-6.4 14	6.5-6.6 9	30-59 9	200-399 50
6.5-6.9 32	6.7-6.8 18	60-99 32	400-499 23
>6.9 32	>6.8 50	>89 55	>499 18
AVG. 6.5	6.7	112	430
CNT 22	22	22	22

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 32	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 14	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 5	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 44					
CNT 0	0	0	22	0	0

CLERMONT County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 9	<100 0
5.0-5.4 9	6.1-6.2 0	10-19 9	100-149 18
5.5-5.9 9	6.3-6.4 18	20-29 0	150-199 0
6.0-6.4 9	6.5-6.6 0	30-59 0	200-399 55
6.5-6.9 9	6.7-6.8 36	60-89 36	400-499 0
>6.9 64	>6.8 45	>89 45	>499 27
AVG. 6.7	6.8	84	337
CNT 11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 18	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 64	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 18	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 42					
CNT 0	0	0	11	0	0

CLINTON County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 8	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 12	< 1 0
5.0-5.4 2	6.1-6.2 0	10-19 21	100-149 14	800-1599 0	150-249 0	20-40 4	3- 5 2	.6- 1 5	10-15 53	1- 2 18
5.5-5.9 9	6.3-6.4 2	20-29 20	150-199 29	1600-2399 14	250-499 12	40-60 46	6- 9 2	1.1- 2 40	15-20 25	2- 3 63
6.0-6.4 34	6.5-6.6 11	30-59 38	200-399 51	2400-3999 70	500-699 28	60-80 51	10-14 4	2.1- 3 42	20-30 11	3- 5 18
6.5-6.9 40	6.7-6.8 38	60-89 10	400-499 2	4000-8999 16	700-999 26	80-90 0	15-20 21	3.1- 5 9	30-40 0	5-10 2
>6.9 15	>6.8 49	>89 3	>499 1	>9000 0	>999 33	>90 0	>20 72	> 5 4	>40 0	>10 0
AVG. 6.5	6.8	34	217	3305	842	58.5	25.2	2.3	14.1	2.5
CNT 1347	1347	1347	1347	57	57	57	57	57	57	57

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 3	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 18	.6-1.0 18	3-6 0	10- 29 100	1- 4 0	20- 79 0
20- 39 58	1.1-2.0 64	6- 9 7	30-59 0	4- 7 0	80-149 0
40- 59 13	2.1-4.0 18	9-16 53	60-149 0	7-10 0	150-500 0
60-120 8	4.1-9.9 0	16-99 40	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 32	1.8	15.7	20		
CNT 38	11	15	1	0	0

CLINTON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT			
<5.0	0	<6.1	<10	<100	0	
5.0-5.4	0	6.1-6.2	10-19	100-145	0	
5.5-5.9	0	6.3-6.4	20-29	150-199	13	
6.0-6.4	70	6.5-6.6	30-59	200-399	40	
6.5-6.9	27	6.7-6.8	60-89	400-499	13	
>6.9	52	>6.8	>89	>499	33	
AVG.	7.0	6.9	93	1086		
CNT	15	15	15			

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			35		
CNT	0	0	11	0	0

CLINTON County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT			
<5.0	0	<6.1	<10	<100	0	
5.0-5.4	0	6.1-6.2	10-19	100-145	0	
5.5-5.9	14	6.3-6.4	20-29	150-199	14	
6.0-6.4	0	6.5-6.6	30-59	200-399	43	
6.5-6.9	29	6.7-6.8	60-89	400-499	0	
>6.9	57	>6.8	>89	>499	43	
AVG.	6.9	6.9	84	432		
CNT	7	7	7			

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			35		
CNT	0	0	6	0	0

COLUMBIANA County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT									
<5.0	4	<6.1	<10	<100	8	< 800	1	<150	17	<20	8	< 3	1	<.6	0	<10	15	< 1	0
5.0-5.4	12	6.1-6.2	10-19	100-145	26	800-1599	13	150-249	19	20-40	23	3- 5	23	.6- 1	5	10-15	59	1- 2	9
5.5-5.9	21	6.3-6.4	20-29	150-199	26	1600-2399	35	250-499	36	40-60	44	6- 9	21	1.1- 2	52	15-20	21	2- 3	23
6.0-6.4	30	6.5-6.6	30-59	200-399	35	2400-3999	47	500-699	17	60-80	21	10-14	27	2.1- 3	32	20-30	5	3- 5	28
6.5-6.9	76	6.7-6.8	60-89	400-499	2	4000-8999	4	700-999	9	80-90	1	15-20	16	3.1- 5	9	30-40	0	5-10	25
>6.9	7	>6.8	>89	>499	2	>9000	0	>999	1	>90	3	>20	12	> 5	1	>40	0	>10	15
AVG.	6.1	6.6	44	202	2481	379	48.3	12.0	2.3	13.5	5.6								
CNT	1017	1017	1017	1017	75	75	75	75	75	75	75								

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	4.1				
CNT	0	12	0	0	0

COLUMBIANA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT									
<5.0	11	<6.1	<10	<100	4	< 800	0	<150	22	<20	0	< 3	11	<.6	0	<10	33	< 1	0
5.0-5.4	7	6.1-6.2	10-19	100-149	9	800-1599	22	150-249	33	20-40	56	3- 5	22	.6- 1	0	10-15	56	1- 2	22
5.5-5.9	25	6.3-6.4	20-29	150-199	16	1600-2399	67	250-499	44	40-60	44	6- 9	22	1.1- 2	22	15-20	11	2- 3	0
6.0-6.4	32	6.5-6.6	30-59	200-399	55	2400-3999	0	500-699	0	60-80	0	10-14	11	2.1- 3	33	20-30	0	3- 5	22
6.5-6.9	20	6.7-6.8	60-89	400-499	7	4000-8999	11	700-999	0	80-90	0	15-20	22	3.1- 5	44	30-40	0	5-10	33
>6.9	5	>6.8	>89	>499	9	>9000	0	>999	0	>90	0	>20	11	> 5	0	>40	0	>10	22
AVG.	6.0	6.4	29	302	2034	266	43.2	10.7	2.9	11.8	6.3								
CNT	56	56	56	56	9	9	9	9	9	9	9								

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	103	1.6	27		
CNT	2	1	0	25	0

COLUMBIANA County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 4	<6.1 6	<10 0	<100 0
5.0-5.4 11	6.1-6.2 15	10-19 11	100-149 9
5.5-5.9 19	6.3-6.4 13	20-29 2	150-199 20
6.0-6.4 20	6.5-6.6 20	30-59 28	200-399 63
6.5-6.9 31	6.7-6.8 22	60-89 31	400-499 2
>6.9 15	>6.8 24	>89 28	>499 6
AVG. 6.3	6.6	72	247
CNT 54	54	54	54

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			31		
CNT 0	0	0	48	0	0

COSHOCTON County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CFC PCT	CA/MG PCT
<5.0 3	<6.1 4	<10 16	<100 6	< 800 13	<150 0	<20 13	< 3 0	<.6 0	<10 38	< 1 0
5.0-5.4 13	6.1-6.2 7	10-19 28	100-149 20	800-1599 0	150-249 50	20-40 25	3- 5 13	.6- 1 13	10-15 63	1- 2 13
5.5-5.9 24	6.3-6.4 15	20-29 17	150-199 30	1610-2399 50	250-499 38	40-60 38	6- 9 50	1.1- 2 50	15-20 0	2- 3 13
6.0-6.4 29	6.5-6.6 22	30-59 25	200-399 39	2400-3999 38	500-699 13	60-80 25	10-14 13	2.1- 3 38	20-30 0	3- 5 38
6.5-6.9 25	6.7-6.8 30	60-89 9	400-499 3	4000-8999 0	700-999 0	80-90 0	15-20 13	3.1- 5 0	30-40 0	5-10 38
>6.9 6	>6.8 21	>89 6	>499 1	>9000 0	>999 0	>90 0	>20 13	> 5 0	>40 0	>10 0
AVG. 6.1	6.6	33	237	2007	280	47.3	11.7	1.9	11.4	4.8
CNT 710	710	710	710	8	8	8	8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 100	30-59 100	4- 7 80-149	
40- 59 100	2.1-4.0 0	9-16 0	60-149 0	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 >999	
AVG. 51	1.7	6.8			
CNT 1	1	1	0	0	0

COSHOCTON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 13	6.1-6.2 13	10-19 13	100-149 13
5.5-5.9 35	6.3-6.4 26	20-29 9	150-199 13
6.0-6.4 13	6.5-6.6 17	30-59 26	200-399 48
6.5-6.9 26	6.7-6.8 22	60-89 9	400-499 4
>6.9 13	>6.8 22	>89 43	>499 22
AVG. 6.2	6.6	77	395
CNT 23	23	23	23

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			17	68	
CNT 0	0	0	17	0	0

COSHOCTON County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 0	<10 0	<100 3
5.0-5.4 13	6.1-6.2 6	10-19 3	100-149 0
5.5-5.9 22	6.3-6.4 16	20-29 9	150-199 16
6.0-6.4 19	6.5-6.6 31	30-59 0	200-399 59
6.5-6.9 25	6.7-6.8 22	60-89 22	400-499 13
>6.9 19	>6.8 25	>89 66	>499 9
AVG. 6.2	6.6	118	308
CNT 32	32	32	32

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			38		
CNT 0	0	0	29	0	0

CRAWFORD County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%C PCT	CA/MG PCT
<5.0 1	<6.1 2	<10 6	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 5	6.1-6.2 3	10-19 22	100-149 13	800-1599 0	150-249 0	20-40 5	3- 5 0	.6- 1 12	10-15 21	1- 2 0
5.5-5.9 15	6.3-6.4 10	20-29 22	150-199 30	1600-2999 5	250-499 16	40-60 40	6- 9 2	1.1- 2 60	15-20 35	2- 3 16
6.0-6.4 31	6.5-6.6 20	30-59 36	200-399 53	2400-3999 26	500-699 23	60-80 44	10-14 33	2.1- 3 23	20-30 37	3- 5 63
6.5-6.9 35	6.7-6.8 31	60-89 12	400-499 2	4000-8999 65	700-999 42	80-90 12	15-20 51	3.1- 5 2	30-40 2	5-10 21
>6.9 13	>6.8 35	>89 3	>499 1	>9000 5	>999 19	>90 0	>20 14	> 5 2	>40 5	>10 0
AVG. 6.4	6.7	36	231	5217	777	63.6	16.4	1.8	20.3	4.0
CNT 983	983	983	983	43	43	43	43	43	43	43

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 25	1.1-2.0 100	6- 9 50	30-59 30	4- 7 80	80-149 150-500
40- 59 75	2.1-4.0 0	9-16 50	60-149 7	7-10 150-500	500-999
50-120 0	4.1-9.9 0	16-99 0	150-249 10	10-20 500-999	>999
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. .2	1.4	8.5	0	0	0
CNT 4	4	4	0	0	0

CRAWFORD County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 11	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 6
5.5-5.9 11	6.3-6.4 6	20-29 6	150-199 6
6.0-6.4 22	6.5-6.6 11	30-59 11	200-399 39
6.5-6.9 17	6.7-6.8 11	60-89 11	400-499 11
>6.9 50	>6.8 72	>89 61	>499 39
AVG. 6.7	6.9	95	491
CNT 18	18	18	18

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 13	1- 4 70	20- 79 79
20- 39 0	1.1-2.0 0	6- 9 0	30-59 47	4- 7 80	80-149 149
40- 59 0	2.1-4.0 0	9-16 0	60-149 27	7-10 150	150-500 500
60-120 0	4.1-9.9 0	16-99 0	150-249 13	10-20 500	500-999 999
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. 0	0	0	15	0	0
CNT 0	0	0	15	0	0

CRAWFORD County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 5	<10 29	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 19	100-149 5
5.5-5.9 14	6.3-6.4 10	20-29 5	150-199 19
6.0-6.4 19	6.5-6.6 14	30-59 24	200-399 57
6.5-6.9 10	6.7-6.8 14	60-89 14	400-499 14
>6.9 57	>6.8 57	>89 10	>499 5
AVG. 7.0	6.8	38	322
CNT 21	21	21	21

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 40	1- 4 20	20- 79 79
20- 39 0	1.1-2.0 0	6- 9 0	30-59 55	4- 7 80	80-149 149
40- 59 0	2.1-4.0 0	9-16 0	60-149 5	7-10 150	150-500 500
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500	500-999 999
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999
AVG. 0	0	0	35	0	0
CNT 0	0	0	20	0	0

CUYAHOGA County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%C PCT	CA/MG PCT
<5.0 13	<6.1 17	<10 39	<100 0	< 800 27	<150 17	<20 67	< 3 17	<.6 0	<10 0	< 1 0
5.0-5.4 13	6.1-6.2 9	10-19 13	100-149 13	800-1599 9	150-249 33	20-40 17	3- 5 50	.6- 1 33	10-15 17	1- 2 33
5.5-5.9 17	6.3-6.4 4	20-29 4	150-199 13	1600-2999 9	250-499 17	40-60 17	6- 9 0	1.1- 2 33	15-20 33	2- 3 33
6.0-6.4 13	6.5-6.6 13	30-59 9	200-399 65	2400-3999 9	500-699 17	60-80 0	10-14 0	2.1- 3 17	20-30 50	3- 5 33
6.5-6.9 22	6.7-6.8 17	60-89 9	400-499 0	4000-8999 45	700-999 17	80-90 0	15-20 33	3.1- 5 17	30-40 0	5-10 0
>6.9 22	>6.8 39	>89 26	>499 9	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.1	6.6	68	271	3361	387	20.3	9.0	1.9	20.0	2.4
CNT 73	23	23	23	11	6	6	6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 100	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 70
20- 39 0	1.1-2.0 0	6- 9 0	30-59 29	4- 7 20	80-149 40
40- 59 100	2.1-4.0 0	9-16 0	60-149 71	7-10 80	150-500 40
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 55	0	0.1	73	7.0	117
CNT 1	0	1	7	5	5

CUYAHOGA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 4	<6.1 7	<10 2	<100 2	< 800 1	<150 1	<20 2	< 3 1	<.6 0	<10 11	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 4	100-149 6	800-1599 0	150-249 0	20-40 0	3- 5 1	.6- 1 1	10-15 30	1- 2 1
5.5-5.9 8	6.3-6.4 6	20-29 2	150-199 7	1600-2399 2	250-499 18	40-60 12	6- 9 0	1.1- 2 12	15-20 39	2- 3 15
6.0-6.4 18	6.5-6.6 10	30-39 5	200-399 33	2400-3999 23	500-699 33	60-80 71	10-14 18	2.1- 3 16	20-30 19	3- 5 64
6.5-6.9 37	6.7-6.8 12	60-89 10	400-499 9	4000-8999 73	700-999 36	80-90 16	15-20 57	3.1- 5 26	30-40 1	5-10 20
>6.9 34	>6.8 63	>89 78	>499 43	>9000 0	>999 12	>90 0	>20 24	> 5 45	>40 0	>10 0
AVG. 6.6	6.8	147	580	4600	720	71.3	18.5	5.2	16.2	4.1
CNT 270	270	270	270	143	129	129	129	129	129	129

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 1	< 20 5
10- 19 0	.6-1.0 0	3-6 0	10- 29 10	1- 4 34	20- 79 39
20- 39 0	1.1-2.0 0	6- 9 0	30-59 39	4- 7 55	80-149 21
40- 59 100	2.1-4.0 0	9-16 0	60-149 41	7-10 7	150-500 73
60-120 0	4.1-9.9 100	16-99 0	150-249 8	10-20 2	500-999 9
>120 0	>9.9 0	>99 100	>250 1	>20 1	>999 3
AVG. 47	4.8	312.0	72	5.2	210
CNT 1	1	1	264	137	137

CUYAHOGA County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 4	<6.1 9	<10 4	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 5	6.1-6.2 5	10-19 9	100-149 12	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 17	6.3-6.4 12	20-29 5	150-199 24	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 19	6.5-6.6 15	30-39 15	200-399 52	2400-3999 0	500-699 0	60-80 100	10-14 50	2.1- 3 0	20-30 100	3- 5 50
6.5-6.9 20	6.7-6.8 14	60-89 20	400-499 5	4000-8999 100	700-999 50	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 50
>6.9 34	>6.8 44	>89 46	>499 5	>9000 0	>999 50	>90 0	>20 50	> 5 0	>40 0	>10 0
AVG. 6.5	6.6	86	253	6262	928	73.7	18.2	1.2	21.2	4.3
CNT 222	222	222	222	2	?	2	?	2	2	?

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 1	< 20 5
10- 19 0	.6-1.0 0	3-6 0	10- 29 30	1- 4 34	20- 79 39
20- 39 0	1.1-2.0 0	6- 9 0	30-59 47	4- 7 55	80-149 21
40- 59 0	2.1-4.0 0	9-16 0	60-149 19	7-10 7	150-500 73
60-120 0	4.1-9.9 100	16-99 0	150-249 2	10-20 2	500-999 9
>120 100	>9.9 0	>99 100	>250 2	>20 2	>999 3
AVG. 127	149.4	56	56	5.2	210
CNT 1	0	1	215	0	0

DARKE County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 7	<100 0	< 800 1	<150 0	<20 1	< 3 0	<.6 1	<10 1	< 1 1
5.0-5.4 1	6.1-6.2 1	10-19 20	100-149 3	800-1599 1	150-249 0	20-40 4	3- 5 1	.6- 1 3	10-15 20	1- 2 4
5.5-5.9 12	6.3-6.4 5	20-29 22	150-199 18	1600-2399 1	250-499 6	40-60 31	6- 9 1	1.1- 2 79	15-20 42	2- 3 42
6.0-6.4 32	6.5-6.6 19	30-39 38	200-399 75	2400-3999 29	500-699 16	60-80 60	10 14 10	2.1- 3 14	20-30 34	3- 5 51
6.5-6.9 39	6.7-6.8 39	60-89 10	400-499 3	4000-8999 65	700-999 32	80-90 4	15-20 38	3.1- 5 3	30-40 2	5-10 2
>6.9 16	>6.8 36	>89 3	>499 1	>9000 3	>999 46	>90 1	>20 50	> 5 0	>40 1	>10 1
AVG. 6.5	6.8	36	259	4907	961	62.4	21.2	1.7	19.4	3.2
CNT 993	993	993	993	156	156	156	156	156	156	156

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 1	<0.6 13	< 3 2	< 10 0	< 1 1	< 20 5
10- 19 1	.6-1.0 21	3-6 0	10- 29 0	1- 4 34	20- 79 39
20- 39 23	1.1-2.0 38	6- 9 5	30-59 5	4- 7 55	80-149 21
40- 59 32	2.1-4.0 25	9-16 61	60-149 7	7-10 7	150-500 73
60-120 43	4.1-9.9 4	16-99 31	150-249 10	10-20 2	500-999 9
>120 0	>9.9 0	>99 2	>250 2	>20 2	>999 3
AVG. 57	1.5	20.2	50	5.2	210
CNT 208	24	62	0	0	0

DARKE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-39 0	200-399 0
6.5-6.9 0	6.7-6.8 0	60-89 0	400-499 40
>6.9 100	>6.8 100	>89 100	>499 60
AVG. 7.3	7.0	155	696
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 75	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 25	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 50	50	50	50	50	50
CNT 0	0	0	4	0	0

DARKE County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 24	100-149 0
5.5-5.9 12	6.3-6.4 12	20-29 6	150-199 6
6.0-6.4 12	6.5-6.6 6	30-59 29	200-399 76
6.5-6.9 6	6.7-6.8 12	60-89 0	400-499 6
>6.9 71	>6.8 71	>89 41	>499 12
AVG. 7.1	6.9	79	353
CNT 17	17	17	17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	27	1- 4
20- 39	1.1-2.0	6- 9	30-59	53	4- 7
40- 59	2.1-4.0	9-16	60-149	20	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 40			40		
CNT 0	0	0	15	0	0

DEFIANCE County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 1	<10 9	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 6	6.1-6.2 6	10-19 20	100-149 6	800-1599 0	150-249 11	20-40 33	3- 5 0	.6- 1 0	10-15 22	1- 2 0
5.5-5.9 18	6.3-6.4 11	20-29 26	150-199 10	1600-2399 11	250-499 33	40 60 22	6- 9 22	1.1- 2 78	15-20 33	2- 3 22
6.0-6.4 31	6.5-6.6 26	30-59 30	200-399 62	2400-3999 44	500-699 11	60-80 33	10-14 22	2.1- 3 11	20-30 44	3- 5 44
6.5-6.9 36	6.7-6.8 33	60-89 11	400-499 15	4000-8999 44	700-999 22	80-90 11	15-20 44	3.1- 5 11	30-40 0	5-10 33
>6.9 10	>6.8 23	>89 5	>499 7	>9000 0	>999 22	>90 0	>20 11	> 5 0	>40 0	>10 0
AVG. 6.3	6.7	37	321	4209	697	55.9	14.7	1.8	18.9	2.9
CNT 360	360	360	360	9	9	9	9	9	9	9

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	0	1- 4
20- 39	1.1-2.0	6- 9	30-59	67	4- 7
40- 59	2.1-4.0	9-16	60-149	33	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 25	2.5	32.6	52	3.1	70
CNT 5	4	4	3	3	3

DEFIANCE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 72	6.3-6.4 11	20-29 0	150-199 11	1600-2399 0	250-499 0	40-60 0	6- 9 33	1.1- 2 33	15-20 33	2- 3 0
6.0-6.4 22	6.5-6.6 22	30-59 33	200-399 44	2400-3999 0	500-699 67	60-80 33	10-14 33	2.1- 3 33	20-30 67	3- 5 33
6.5-6.9 0	6.7-6.8 22	60-89 11	400-499 11	4000-8999 67	700-999 33	80-90 67	15-20 33	3.1- 5 33	30-40 0	5-10 67
>6.9 56	>6.8 44	>89 56	>499 33	>9000 33	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.9	6.8	103	555	7437	668	80.8	12.4	2.4	22.9	6.8
CNT 9	9	9	9	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	0	1- 4
20- 39	1.1-2.0	6- 9	30-59	100	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 40			40		
CNT 0	0	0	2	0	0

DEFIANCE County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 10	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 10	6.1-6.2 0	10-19 10	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 10	6.3-6.4 10	20-29 40	150-199 0	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 0	15-20 100	2- 3 0
6.0-6.4 10	6.5-6.6 10	30-59 20	200-399 70	2400-3999 0	500-699 100	60-80 0	10-14 100	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 0	6.7-6.8 10	60-89 10	400-499 20	4000-8999 100	700-999 0	80-90 100	15-20 0	3.1- 5 100	30-40 0	5-10 100
>6.9 70	>6.8 70	>89 20	>499 0	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 7.0	6.8	52	312	5625	574	82.3	14.0	3.6	17.1	5.9
CNT 10	10	10	10	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	40	1- 4
20- 39	1.1-2.0	6- 9	30-59	60	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 33			33		
CNT 0	0	0	5	0	0

DELAWARE County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT
<5.0 0	<6.1 1	<10 16	<100 2	< 800 0	<150 0	<20 2	< 3 0	<.6 0	<10 2	< 1 0
5.0-5.4 6	6.1-6.2 4	10-19 33	100-149 17	800-1599 2	150-249 2	20-40 0	3- 5 2	.6- 1 17	10-15 43	1- 2 0
5.5-5.9 16	6.3-6.4 10	20-29 19	150-199 33	1600-2399 4	250-499 61	40-60 52	6- 9 13	1.1- 2 52	15-20 37	2- 3 2
6.0-6.4 27	6.5-6.6 22	30-59 24	200-399 46	2400-3999 67	500-699 28	60-80 35	10-14 70	2.1- 3 30	20-30 15	3- 5 63
6.5-6.9 30	6.7-6.8 27	60-89 6	400-499 2	4000-8999 24	700-999 7	80-90 11	15-20 15	3.1- 5 0	30-40 0	5-10 25
>6.9 21	>6.8 35	>89 2	>499 1	>9000 2	>999 2	>90 0	>20 0	> 5 0	>40 2	>10 0
AVG. 6.4	6.7	27	211	3979	497	59.6	12.5	1.6	16.8	4.8
CNT 539	539	539	539	46	46	46	46	46	46	46

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 8	<0.6 11	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 23	.6-1.0 22	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 38	1.1-2.0 56	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 23	2.1-4.0 11	9-16 92	60-149 0	7-10 150-500	150-500 0
60-120 8	4.1-9.9 0	16-99 8	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 34	1.3	13.8	0	0	0
CNT 13	9	12	0	0	0

DELAWARE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 4	<6.1 4	<10 7	<100 0
5.0-5.4 14	6.1-6.2 11	10-19 14	100-149 4
5.5-5.9 21	6.3-6.4 11	20-29 14	150-199 11
6.0-6.4 21	6.5-6.6 14	30-59 36	200-399 68
6.5-6.9 7	6.7-6.8 21	60-89 7	400-499 0
>6.9 32	>6.8 39	>89 21	>499 18
AVG. 6.3	6.7	57	350
CNT 28	28	28	28

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 33	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 46	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 21	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	24	0	0
CNT 0	0	0	24	0	0

DELAWARE County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 18	<100 7
5.0-5.4 0	6.1-6.2 4	10-19 18	100-149 11
5.5-5.9 4	6.3-6.4 0	20-29 11	150-199 18
6.0-6.4 7	6.5-6.6 4	30-59 21	200-399 46
6.5-6.9 25	6.7-6.8 21	60-89 7	400-499 7
>6.9 64	>6.8 71	>89 25	>499 11
AVG. 7.1	6.9	57	293
CNT 28	28	28	28

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 30	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 63	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 7	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	37	0	0
CNT 0	0	0	37	0	0

ERIE County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT
<5.0 1	<6.1 2	<10 8	<100 4	< 800 0	<150 0	<20 1	< 3 0	<.6 4	<10 10	< 1 0
5.0-5.4 2	6.1-6.2 2	10-19 14	100-149 17	800-1599 2	150-249 7	20-40 3	3- 5 3	.6- 1 26	10-15 31	1- 2 0
5.5-5.9 11	6.3-6.4 6	20-29 19	150-199 29	1600-2399 7	250-499 37	40-60 18	6- 9 15	1.1- 2 51	15-20 20	2- 3 0
6.0-6.4 26	6.5-6.6 10	30-59 38	200-399 44	2400-3999 30	500-699 25	60-80 48	10-14 46	2.1- 3 13	20-30 27	3- 5 50
6.5-6.9 34	6.7-6.8 28	60-89 16	400-499 4	4000-8999 52	700-999 17	80-90 27	15-20 31	3.1- 5 5	30-40 10	5-10 46
>6.9 27	>6.8 52	>89 4	>499 2	>9000 10	>999 14	>90 4	>20 5	> 5 1	>40 2	>10 4
AVG. 6.6	6.8	40	230	5328	607	70.5	13.8	1.6	19.0	5.8
CNT 312	312	312	312	105	105	105	105	105	105	105

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 67	<0.6 0	< 3 20	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 1- 4	1- 4 0	20- 79 0
20- 39 17	1.1-2.0 100	6- 9 0	30-59 4- 7	4- 7 0	80-149 0
40- 59 17	2.1-4.0 0	9-16 20	60-149 7-10	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 60	150-249 10-20	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 15	1.2	27.5	0	0	0
CNT 6	1	5	0	0	0

ERIE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 2	<10 2	<100 6	< 800 0	<150 0	<20 0	< 3 0	<.6 7	<10 21	< 1 0
5.0-5.4 2	6.1-6.2 2	10-19 4	100-149 4	800-1599 0	150-249 43	20-40 7	3- 5 0	.6- 1 0	10-15 43	1- 2 14
5.5-5.9 6	6.3-6.4 2	20-29 2	150-199 23	1600-2399 22	250-499 29	40-60 36	6- 9 50	1.1- 2 21	15-20 14	2- 3 7
6.0-6.4 17	6.5-6.6 11	30-59 19	200-399 45	2400-3999 44	500-699 0	60-80 57	10-14 21	2.1- 3 50	20-30 21	3- 5 14
6.5-6.9 19	6.7-6.8 23	60-89 30	400-499 9	4000-8999 33	700-999 7	80-90 0	15-20 7	3.1- 5 7	30-40 0	5-10 64
>6.9 55	>6.8 60	>89 43	>499 13	>9000 0	>999 21	>90 0	>20 21	> 5 14	>40 0	>10 0
AVG. 6.9	6.8	89	413	3662	486	57.0	13.6	5.0	13.9	5.1
CNT 47	47	47	47	18	14	14	14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 25	< 20 25
10- 19 0	.6-1.0 0	3-6 0	10- 29 53	1- 4 25	20- 79 25
20- 39 100	1.1-2.0 0	6- 9 0	30-59 24	4- 7 50	80-149 25
40- 59 0	2.1-4.0 0	9-16 0	60-149 24	7-10 0	150-500 25
60-120 0	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 39	0.5	42.2	39	3.8	111
CNT 1	2	1	17	4	4

ERIE County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 4	<6.1 4	<10 20	<100 8
5.0-5.4 0	6.1-6.2 0	10-19 4	100-149 8
5.5-5.9 0	6.3-6.4 0	20-29 12	150-199 12
6.0-6.4 16	6.5-6.6 8	30-59 20	200-399 48
6.5-6.9 24	6.7-6.8 8	60-89 8	400-499 20
>6.9 56	>6.8 80	>89 36	>499 4
AVG. 6.8	6.9	74	321
CNT 25	25	25	25

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 25	< 20 25
10- 19 0	.6-1.0 0	3-6 0	10- 29 44	1- 4 25	20- 79 25
20- 39 0	1.1-2.0 0	6- 9 0	30-59 36	4- 7 50	80-149 25
40- 59 0	2.1-4.0 0	9-16 0	60-149 16	7-10 0	150-500 25
60-120 0	4.1-9.9 0	16-99 100	150-249 4	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 120	0	0	49	0	0
CNT 0	0	0	25	0	0

FAIRFIELD County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	XCA PCT	XMG PCT	XK PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 2	<10 12	<100 4	< 800 0	<150 2	<20 7	< 3 0	<.6 0	<10 6	< 1 0
5.0-5.4 11	6.1-6.2 7	10-19 24	100-149 18	800-1599 17	150-249 19	20-40 19	3- 5 15	.6- 1 4	10-15 44	1- 2 0
5.5-5.9 19	6.3-6.4 15	20-29 19	150-199 31	1600-2399 9	250-499 57	40-60 33	6- 9 28	1.1- 2 72	15-20 43	2- 3 6
6.0-6.4 31	6.5-6.6 22	30-59 35	200-399 44	2400-3999 44	500-699 15	60-80 26	10-14 46	2.1- 3 19	20-30 6	3- 5 43
6.5-6.9 27	6.7-6.8 27	60-89 7	400-499 1	4000-8999 28	700-999 6	80-90 15	15-20 11	3.1- 5 6	30-40 0	5-10 50
>6.9 11	>6.8 28	>89 3	>499 1	>9000 2	>999 2	>90 0	>20 0	> 5 0	>40 2	>10 2
AVG. 6.2	6.7	32	211	3451	414	53.5	10.6	1.8	16.0	5.1
CNT 645	645	645	645	54	54	54	54	54	54	54

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 25	< 20 25
10- 19 0	.6-1.0 0	3-6 0	10- 29 58	1- 4 33	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 19	4- 7 67	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 19	7-10 0	150-500 33
60-120 100	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 33
>120 0	>9.9 0	>99 0	>250 4	>20 0	>999 0
AVG. 120	0	0	64	3.9	335
CNT 1	0	0	26	3	3

FAIRFIELD County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 8	<100 3
5.0-5.4 5	6.1-6.2 8	10-19 19	100-149 3
5.5-5.9 27	6.3-6.4 19	20-29 3	150-199 16
6.0-6.4 22	6.5-6.6 16	30-59 5	200-399 30
6.5-6.9 24	6.7-6.8 19	60-89 24	400-499 11
>6.9 22	>6.8 38	>89 41	>499 38
AVG. 6.4	6.7	88	479
CNT 37	37	37	37

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 25	< 20 25
10- 19 0	.6-1.0 0	3-6 0	10- 29 58	1- 4 33	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 19	4- 7 67	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 19	7-10 0	150-500 33
60-120 100	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 33
>120 0	>9.9 0	>99 0	>250 4	>20 0	>999 0
AVG. 120	0	0	64	3.9	335
CNT 0	0	0	26	3	3

FAIRFIELD County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT
<5.0 2	<6.1 2	<10 3	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 5	6.1-6.2 2	10-19 13	100-149 2	800-1599 0	150-249 0	20-40 50	3- 5 0	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 7	6.3-6.4 8	20-29 12	150-199 17	1600-2399 50	250-499 50	40-60 50	6- 9 0	1.1- 2 0	15-20 0	2- 3 50
6.0-6.4 17	6.5-6.6 8	30-59 38	200-399 75	2400-3999 50	500-699 50	60-80 0	10-14 50	2.1- 3 50	20-30 0	3- 5 50
6.5-6.9 72	6.7-6.8 18	60-89 13	400-499 2	4000-8999 0	700-999 0	80-90 0	15-20 50	3.1- 5 50	30-40 0	5-10 0
>6.9 48	>6.8 62	>89 20	>499 3	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.8	6.8	60	266	2490	530	45.5	16.2	2.6	13.8	2.8
CNT 60	60	60	60	2	2	2	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 33					
CNT 0	0	0	59	0	0

FAYETTE County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 8	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 1	6.1-6.2 0	10-19 26	100-149 12	800-1599 0	150-249 0	20-40 6	3- 5 0	.6- 1 21	10-15 29	1- 2 0
5.5-5.9 0	6.3-6.4 4	20-29 22	150-199 32	1600-2399 3	250-499 3	40-60 38	6- 9 0	1.1- 2 68	15-20 32	2- 3 88
6.0-6.4 27	6.5-6.6 11	30-59 34	200-399 54	2400-3999 32	500-699 9	60-80 56	10-14 6	2.1- 3 12	20-30 32	3- 5 12
6.5-6.9 43	6.7-6.8 34	60-89 8	400-499 1	4000-8999 85	700-999 44	80-90 0	15-20 26	3.1- 5 0	30-40 6	5-10 0
>6.9 21	>6.8 51	>89 1	>499 0	>9000 0	>999 44	>90 0	>20 68	> 5 0	>40 0	>10 0
AVG. 6.6	6.8	31	217	456	1038	60.3	27.7	1.4	19.1	2.7
CNT 1130	1130	1130	1130	34	34	34	34	34	34	34

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 55					
CNT 1	0	0	0	0	0

FAYETTE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 33	100-149 33
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 33
6.5-6.9 33	6.7-6.8 0	60-89 0	400-499 0
>6.9 67	>6.8 100	>89 67	>499 33
AVG. 7.1	7.0	107	628
CNT 3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 28					
CNT 0	0	0	3	0	0

FAYETTE County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 100
6.5-6.9 0	6.7-6.8 0	60-89 100	400-499 0
>6.9 100	>6.8 100	>89 0	>499 0
AVG. 7.6	7.0	65	326
CNT 1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 40					
CNT 0	0	0	1	0	0

FRANKLIN County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 2	<10 14	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 5	6.1-6.2 4	10-19 33	100-149 18	800-1599 5	150-249 5	20-40 15	3- 5 0	.6- 1 0	10-15 25	1- 2 0
5.5-5.9 14	6.3-6.4 8	20-29 15	150-199 27	1600-2399 5	250-499 35	40 60 40	6- 9 20	1.1- 2 75	15-20 40	2- 3 20
6.0-6.4 29	6.5-6.6 18	30-59 28	200-399 48	2400-3999 45	500-699 20	60-80 40	10-14 40	2.1- 3 20	20-30 25	3- 5 60
6.5-6.9 29	6.7-6.8 33	60-89 7	400-499 3	4000-8999 45	700-999 15	80-90 5	15-20 35	3.1- 5 5	30-40 10	5-10 20
>6.9 21	>6.8 35	>89 3	>499 1	>9000 0	>999 25	>90 0	>20 5	> 5 0	>40 0	>10 0
AVG. 6.4	6.7	29	221	4367	712	55.9	14.7	1.8	19.5	4.0
CNT 310	310	310	310	20	20	20	20	20	20	20

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NQ3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 34	1- 4 0	20- 79 100
20- 39 100	1.1-2.0 0	6- 9 100	30-59 48	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 13	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 2	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 3	>20 67	>999 0
AVG. 36	6.6	6.6	55	34.9	46
CNT 1	0	1	0	0	0

FRANKLIN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 3	<6.1 5	<10 13	<100 3	< 800 0	<150 20	<20 20	< 3 20	<.6 40	<10 0	< 1 0
5.0-5.4 7	6.1-6.2 7	10-19 16	100-149 7	800-1599 17	150-249 20	20-40 70	3- 5 20	.6- 1 0	10-15 20	1- 2 0
5.5-5.9 10	6.3-6.4 8	20-29 7	150-199 15	1600-2399 0	250-499 0	40 60 0	6- 9 20	1.1- 2 20	15-20 20	2- 3 0
6.0-6.4 8	6.5-6.6 5	30-59 14	200-399 44	2400-3999 33	500-699 0	60-80 60	10-14 40	2.1- 3 0	20-30 0	3- 5 60
6.5-6.9 17	6.7-6.8 10	60-89 11	400-499 12	4000-8999 17	700-999 20	80-90 0	15-20 40	3.1- 5 40	30-40 0	5-10 40
>6.9 55	>6.8 66	>89 39	>499 20	>9000 33	>999 40	>90 0	>20 0	> 5 0	>40 60	>10 0
AVG. 6.8	6.8	75	377	7412	1145	52.4	10.4	1.7	37.8	5.8
CNT 213	213	213	213	6	5	5	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NQ3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 33	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 34	1- 4 0	20- 79 100
20- 39 0	1.1-2.0 0	6- 9 0	30-59 48	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 13	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 2	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 3	>20 67	>999 0
AVG. 0	0	0	155	3	3
CNT 0	0	0	155	3	3

FRANKLIN County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 13	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 2	6.1-6.2 2	10-19 19	100-149 5	800-1599 0	150-249 0	20-40 4	3- 5 0	.6- 1 7	10-15 4	1- 2 0
5.5-5.9 3	6.3-6.4 2	20-29 11	150-199 19	1600-2399 4	250-499 15	40-60 4	6- 9 4	1.1- 2 56	15-20 81	2- 3 0
6.0-6.4 5	6.5-6.6 4	30-59 23	200-399 65	2400-3999 4	500-699 41	60-80 30	10-14 30	2.1- 3 26	20-30 15	3- 5 41
6.5-6.9 12	6.7-6.8 7	60-89 13	400-499 6	4000-8999 89	700-999 44	80-90 59	15-20 52	3.1- 5 11	30-40 0	5-10 56
>6.9 79	>6.8 85	>89 21	>499 5	>9000 4	>999 0	>90 4	>20 15	> 5 0	>40 0	>10 4
AVG. 7.3	6.9	53	297	5801	698	78.7	16.1	2.1	18.3	5.2
CNT 421	421	421	421	27	27	27	27	27	27	27

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NQ3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 36	1- 4 0	20- 79 100
20- 39 0	1.1-2.0 0	6- 9 0	30-59 55	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 8	7-10 0	150-500 0
60-120 100	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 63	40.2	40	325	0	0
CNT 1	0	1	325	0	0

FULTON County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 1	<100 3	< 800 5	<150 7	<20 5	< 3 2	<.6 4	<10 21	< 1 0
5.0-5.4 2	6.1-6.2 1	10-19 5	100-149 11	800-1599 11	150-249 11	20-40 5	3- 5 5	.6- 1 16	10-15 34	1- 2 5
5.5-5.9 13	6.3-6.4 7	20-29 8	150-199 25	1600-2399 9	250-499 32	40-60 23	6- 9 16	1.1- 2 38	15-20 20	2- 3 9
6.0-6.4 38	6.5-6.6 22	30-59 35	200-399 58	2400-3999 30	500-699 23	60-80 54	10-14 30	2.1- 3 14	20-30 14	3- 5 57
6.5-6.9 34	6.7-6.8 41	60-89 31	400-499 3	4000-8999 36	700-999 18	80-90 9	15-20 30	3.1- 5 14	30-40 5	5-10 23
>6.9 12	>6.8 30	>89 21	>499 1	>9000 9	>999 9	>90 4	>20 16	> 5 14	>40 5	>10 5
AVG. 6.4	6.7	64	231	4258	571	62.5	15.1	2.6	16.8	4.8
CNT 998	998	998	998	56	56	56	56	56	56	56

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NQ3 LB/A PCT
< 10 20	<0.6 3	< 3 6	< 10 0	< 1 0	< 20 100
10- 19 46	.6-1.0 23	3-6 3	10- 29 0	1- 4 0	20- 79 0
20- 39 29	1.1-2.0 23	6- 9 12	30-59 100	4- 7 100	80-149 0
40- 59 6	2.1-4.0 33	9-16 26	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 13	16-99 53	150-249 0	10-20 0	500-999 0
>120 0	>9.9 3	>99 0	>250 0	>20 0	>999 0
AVG. 18	2.1	19.5	30	6.6	17
CNT 35	30	34	1	1	1

FULTON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%EC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 10	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 33	< 1 0
5.0-5.4 10	6.1-6.2 0	10-19 0	100-149 10	800-1599 33	150-249 33	20-40 0	3- 5 0	.6- 1 0	10-15 33	1- 2 33
5.5-5.9 10	6.3-6.4 0	20-29 10	150-199 30	1600-2399 0	250-499 33	40-60 33	6- 9 0	1.1- 2 67	15-20 33	2- 3 0
6.0-6.4 30	6.5-6.6 20	30-59 0	200-399 0	2400-3999 33	500-699 0	60-80 33	10-14 33	2.1- 3 0	20-30 0	3- 5 67
6.5-6.9 20	6.7-6.8 40	60-89 10	400-499 10	4000-8999 33	700-999 0	80-90 33	15-20 33	3.1- 5 0	30-40 0	5-10 0
>6.9 30	>6.8 40	>89 80	>499 40	>9000 0	>999 33	>90 0	>20 33	> 5 33	>40 0	>10 0
AVG. 6.5	6.8	108	404	3095	683	61.2	20.4	7.9	12.5	4.5
CNT 10	10	10	10	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 100
10- 19 0	.6-1.0 0	3-6 0	10- 29 40	1- 4 0	20- 79 0
20- 39 100	1.1-2.0 0	6- 9 0	30-59 20	4- 7 100	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 20	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 20	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. .27			76	4.0	18
CNT 1	0	0	5	1	1

FULTON County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 25
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 25	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 25	6.5-6.6 0	30-59 0	200-399 50
6.5-6.9 0	6.7-6.8 25	60-89 25	400-499 0
>6.9 50	>6.8 75	>89 75	>499 25
AVG. 6.7	6.9	116	275
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 25	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 25	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. .44			4	0	0
CNT 0	0	0	4	0	0

GALLIA County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%EC PCT	CA/MG PCT
<5.0 3	<6.1 6	<10 37	<100 7	< 800 33	<150 100	<20 33	< 3 67	<.6 0	<10 67	< 1 0
5.0-5.4 17	6.1-6.2 7	10-19 29	100-149 25	800-1599 33	150-249 0	20-40 33	3- 5 33	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 27	6.3-6.4 18	20-29 13	150-199 27	1600-2399 33	250-499 0	40-60 33	6- 9 0	1.1- 2 33	15-20 33	2- 3 0
6.0-6.4 26	6.5-6.6 22	30-59 12	200-399 35	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1- 3 67	20-30 0	3- 5 0
6.5-6.9 17	6.7-6.8 26	60-89 4	400-499 2	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 10	>6.8 21	>89 5	>499 4	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 100
AVG. 6.0	6.6	24	215	1118	057	28.6	2.4	7.1	10.9	11.4
CNT 374	374	374	374	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 100	10- 29 100	1- 4 0	20- 79 0
20- 39 50	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 50	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. .55	1.1	4.7	26	0	0
CNT 2	1	1	0	0	0

GALLIA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 13	<10 0	<100 0
5.0-5.4 13	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 13	6.3-6.4 25	20-29 0	150-199 13
6.0-6.4 25	6.5-6.6 0	30-59 25	200-399 38
6.5-6.9 50	6.7-6.8 38	60-89 13	400-499 13
>6.9 0	>6.8 25	>89 63	>499 38
AVG. 6.2	6.6	105	468
CNT 8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 100	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. .26			26	0	0
CNT 0	0	0	1	0	0

ALLIA County Summary—TURF Samples

ALL PH PCT	ATI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 13	<10 0	<100 0
5.0-5.4 13	6.1-6.2 0	10-19 25	100-149 0
5.5-5.9 13	6.3-6.4 13	20-29 25	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 75	200-399 75
6.5-6.9 25	6.7-6.8 13	60-89 13	400-499 25
>6.9 50	>6.8 63	>89 13	>499 0
AVG. 6.7	6.8	48	323
CNT 8	8	8	8

MIN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	26	0	0
CNT 0	0	0	1	0	0

GEAUGA County Summary—FIELD CROP Samples

ALL PH PCT	ATI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 15	<10 18	<100 11	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 14	6.1-6.2 9	10-19 23	100-149 34	800-1599 0	150-249 0	20-40 27	3- 5 0	.6- 1 53	10-15 20	1- 2 7
5.5-5.9 24	6.3-6.4 21	20-29 16	150-199 22	1600-2399 20	250-499 20	40-60 73	6- 9 7	1.1- 2 40	15-20 80	2- 3 67
6.0-6.4 33	6.5-6.6 26	30-59 30	200-399 29	2400-3999 80	500-699 40	60-80 0	10-14 27	2.1- 3 7	20-30 0	3- 5 20
6.5-6.9 17	6.7-6.8 20	60-89 9	400-499 3	4000-8999 0	700-999 40	80-90 0	15-20 53	3.1- 5 0	30-40 0	5-10 7
>6.9 6	>6.8 9	>89 3	>499 2	>9000 0	>999 0	>90 0	>20 13	> 5 0	>40 0	>10 0
AVG. 6.0	6.4	32	186	2715	623	42.7	16.4	1.2	16.0	2.7
CNT 214	214	214	214	15	15	15	15	15	15	15

GEAUGA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ATI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 12	<10 20	<100 5	< 800 0	<150 50	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 15	6.1-6.2 10	10-19 20	100-149 7	800-1599 0	150-249 50	20-40 50	3- 5 100	.6- 1 100	10-15 0	1- 2 0
5.5-5.9 15	6.3-6.4 20	20-29 10	150-199 32	1600-2399 0	250-499 0	40-60 50	6- 9 0	1.1- 2 0	15-20 50	2- 3 0
6.0-6.4 32	6.5-6.6 22	30-59 5	200-399 22	2400-3999 100	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 50	3- 5 0
6.5-6.9 17	6.7-6.8 15	60-89 10	400-499 2	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 50
>6.9 15	>6.8 22	>89 37	>499 32	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 50
AVG. 6.1	6.5	66	619	2945	176	37.3	3.7	0.7	19.7	10.7
CNT 41	41	41	41	4	2	2	2	2	2	2

MIN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	49	6.5	55
CNT 0	0	0	23	2	2

GEAUGA County Summary—TURF Samples

ALL PH PCT	ATI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 18	<6.1 21	<10 32	<100 15	< 800 29	<150 82	<20 29	< 3 35	<.6 0	<10 29	< 1 0
5.0-5.4 35	6.1-6.2 15	10-19 29	100-149 32	800-1599 41	150-249 6	20-40 59	3- 5 53	.6- 1 47	10-15 35	1- 2 0
5.5-5.9 21	6.3-6.4 18	20-29 15	150-199 29	1600-2399 18	250-499 6	40-60 0	6- 9 6	1.1- 2 29	15-20 24	2- 3 0
6.0-6.4 9	6.5-6.6 26	30-59 21	200-399 24	2400-3999 0	500-699 0	60-80 12	10-14 0	2.1- 3 24	20-30 12	3- 5 18
6.5-6.9 3	6.7-6.8 9	60-89 0	400-499 0	4000-8999 12	700-999 6	80-90 0	15-20 6	3.1- 5 0	30-40 0	5-10 65
>6.9 15	>6.8 12	>89 3	>499 0	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 18
AVG. 5.7	6.4	71	160	1612	154	28.3	4.4	1.4	13.5	7.5
CNT 34	34	34	34	17	17	17	17	17	17	17

MIN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	187	0	0
CNT 0	0	0	32	0	0

GREENE County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 6	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 18	100-149 8	800-1599 0	150-249 0	20-40 14	3- 5 0	.6- 1 0	10-15 29	1- 2 57
5.5-5.9 11	6.3-6.4 5	20-29 16	150-199 27	1600-2399 14	250-499 0	40-60 57	6- 9 0	1.1- 2 86	15-20 57	2- 3 43
6.0-6.4 28	6.5-6.6 15	30-59 41	200-399 58	2400-3999 43	500-699 0	60-80 29	10-14 0	2.1- 3 14	20-30 14	3- 5 0
6.5-6.9 47	6.7-6.8 33	60-89 14	400-499 4	4000-8999 43	700-999 43	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 16	>6.8 46	>89 5	>499 3	>9000 0	>999 57	>90 0	>20 100	> 5 0	>40 0	>10 0
AVG. 6.5	6.8	40	250	3754	1119	54.7	27.1	1.6	17.2	2.0
CNT 781	781	781	781	7	7	7	7	7	7	7

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 2	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 67	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 33	4.1-9.9 0	16-99 33	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 60	1.2	9.9	0	0	0
CNT 3	1	3	0	0	0

GREENE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 2	<6.1 0	<10 2	<100 0
5.0-5.4 18	6.1-6.2 0	10-19 2	100-149 2
5.5-5.9 5	6.3-6.4 9	20-29 2	150-199 4
6.0-6.4 21	6.5-6.6 11	30-59 7	200-399 13
6.5-6.9 20	6.7-6.8 14	60-89 18	400-499 14
>6.9 34	>6.8 66	>89 70	>499 68
AVG. 6.5	6.9	134	616
CNT 56	56	56	56

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 18	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 27	4- 7 13	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 24	7-10 20	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 29	10-20 63	500-999 0
>120 0	>9.9 0	>99 0	>250 2	>20 3	>999 100
AVG. 0	0	0	103	11.5	1788
CNT 0	0	0	55	30	30

GREENE County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 3	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 3	100-149 10
5.5-5.9 3	6.3-6.4 3	20-29 14	150-199 3
6.0-6.4 21	6.5-6.6 17	30-59 21	200-399 55
6.5-6.9 10	6.7-6.8 0	60-89 34	400-499 21
>6.9 66	>6.8 79	>89 24	>499 10
AVG. 7.1	6.9	72	350
CNT 29	29	29	29

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 54	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 46	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	32	0	0
CNT 0	0	0	28	0	0

GUERNSEY County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 11	<10 39	<100 4	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 22	6.1-6.2 12	10-19 30	100-149 17	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 25	1- 2 0
5.5-5.9 27	6.3-6.4 22	20-29 16	150-199 30	1600-2399 0	250-499 100	40-60 50	6- 9 25	1.1- 2 75	15-20 75	2- 3 0
6.0-6.4 25	6.5-6.6 23	30-59 12	200-399 44	2400-3999 50	500-699 0	60-80 50	10-14 75	2.1- 3 25	20-30 0	3- 5 25
6.5-6.9 16	6.7-6.8 21	60-89 2	400-499 4	4000-8999 50	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 75
>6.9 5	>6.8 11	>89 1	>499 2	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 5.9	6.5	18	220	3622	407	59.3	11.0	1.7	15.3	5.4
CNT 443	443	443	443	4	4	4	4	4	4	4

GUERNSEY County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 17	<6.1 11	<10 11	<100 0
5.0-5.4 17	6.1-6.2 17	10-19 17	100-149 0
5.5-5.9 22	6.3-6.4 17	20-29 11	150-199 33
6.0-6.4 17	6.5-6.6 11	30-59 11	200-399 56
6.5-6.9 28	6.7-6.8 28	60-89 33	400-499 0
>6.9 0	>6.8 17	>89 17	>499 11
AVG. 5.8	6.5	58	308
CNT 18	18	18	18

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			38		
CNT	0	0	12	0	0

GUERNSEY County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 9	<6.1 0	<10 45	<100 0
5.0-5.4 27	6.1-6.2 18	10-19 18	100-149 9
5.5-5.9 18	6.3-6.4 27	20-29 0	150-199 18
6.0-6.4 27	6.5-6.6 36	30-59 9	200-399 64
6.5-6.9 9	6.7-6.8 0	60-89 18	400-499 0
>6.9 9	>6.8 18	>89 9	>499 9
AVG. 5.8	6.5	38	270
CNT 11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 79	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			28		
CNT	0	0	4	0	0

HAMILTON County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 3	<6.1 9	<10 35	<100 5	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 18	6.1-6.2 10	10-19 20	100-149 19	800-1599 0	150-249 0	20-40 100	3- 5 0	.6- 1 100	10-15 0	1- 2 0
5.5-5.9 30	6.3-6.4 20	20-29 14	150-199 26	1600-2399 10	250-499 0	40-60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 23	6.5-6.6 25	30-59 13	200-399 42	2400-3999 100	500-699 100	60-80 0	10-14 100	2.1- 3 0	20-30 100	3- 5 100
6.5-6.9 13	6.7-6.8 21	60-89 5	400-499 6	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 14	>6.8 21	>89 14	>499 2	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.0	6.6	34	228	3650	630	34.6	10.0	0.7	26.3	3.5
CNT 110	110	110	110	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 79	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	2.3	19.0			
CNT	0	1	1	0	0

HAMILTON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 3	<10 6	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 6	6.1-6.2 6	10-19 4	100-149 5	900-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 100	10-15 0	1- 2 0
5.5-5.9 4	6.3-6.4 2	20-29 3	150-199 14	1600-2399 7	250-499 0	40-60 0	6- 9 100	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 6	6.5-6.6 4	30-59 13	200-399 35	2400-3999 13	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 19	6.7-6.8 9	60-89 11	400-499 12	4000-8999 67	700-999 100	80-90 0	15-20 0	3.1- 5 0	30-40 100	5-10 0
>6.9 63	>6.8 77	>89 63	>499 33	>9000 13	>999 0	>90 100	>20 0	> 5 0	>40 0	>10 100
AVG. 7.0	6.9	115	563	6315	753	90.5	8.8	0.7	35.5	10.7
CNT 112	112	112	112	15	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	4.12	0.1	50	3.9	156
CNT	7	0	110	14	14

HAMILTON County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0	<6.1	<10	<100	<800	<150	<20	<3	<.6	<10	<1
5.0-5.4	6.1-6.2	10-19	100-149	800-1599	150-249	20-40	3-5	.6-1	10-15	1-2
5.5-5.9	6.3-6.4	20-29	150-199	1500-2399	250-499	40-60	6-9	1.1-2	15-20	2-3
6.0-6.4	6.5-6.6	30-59	200-399	2400-3999	500-699	60-80	10-14	2.1-3	20-30	3-5
6.5-6.9	6.7-6.8	60-89	400-499	4000-8999	700-999	80-90	15-20	3.1-5	30-40	5-10
>6.9	>6.8	>89	>499	>9000	>999	>90	>20	>5	>40	>10
AVG.	6.9	6.8	87	311	5707	83.5	14.8	1.7	16.4	5.6
CNT	246	246	246	246	2	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	1.3	0	61	2.0	48
CNT	0	1	236	1	1

HANCOCK County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0	<6.1	<10	<100	<800	<150	<20	<3	<.6	<10	<1
5.0-5.4	6.1-6.2	10-19	100-149	800-1599	150-249	20-40	3-5	.6-1	10-15	1-2
5.5-5.9	6.3-6.4	20-29	150-199	1500-2399	250-499	40-60	6-9	1.1-2	15-20	2-3
6.0-6.4	6.5-6.6	30-59	200-399	2400-3999	500-699	60-80	10-14	2.1-3	20-30	3-5
6.5-6.9	6.7-6.8	60-89	400-499	4000-8999	700-999	80-90	15-20	3.1-5	30-40	5-10
>6.9	>6.8	>89	>499	>9000	>999	>90	>20	>5	>40	>10
AVG.	6.5	6.8	43	247	4393	59.8	21.1	2.1	18.3	3.0
CNT	976	926	926	926	42	42	42	42	42	42

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	37	1.0	8.4	55	0
CNT	21	1	1	2	0

HANCOCK County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0	<6.1	<10	<100	<800	<150	<20	<3	<.6	<10	<1
5.0-5.4	6.1-6.2	10-19	100-149	800-1599	150-249	20-40	3-5	.6-1	10-15	1-2
5.5-5.9	6.3-6.4	20-29	150-199	1500-2399	250-499	40-60	6-9	1.1-2	15-20	2-3
6.0-6.4	6.5-6.6	30-59	200-399	2400-3999	500-699	60-80	10-14	2.1-3	20-30	3-5
6.5-6.9	6.7-6.8	60-89	400-499	4000-8999	700-999	80-90	15-20	3.1-5	30-40	5-10
>6.9	>6.8	>89	>499	>9000	>999	>90	>20	>5	>40	>10
AVG.	7.1	6.9	131	674	5665	77.7	18.5	3.7	18.2	4.2
CNT	18	18	18	18	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	50	0	0
CNT	0	0	10	0	0

HANCOCK County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0	<6.1	<10	<100
5.0-5.4	6.1-6.2	10-19	100-149
5.5-5.9	6.3-6.4	20-29	150-199
6.0-6.4	6.5-6.6	30-59	200-399
6.5-6.9	6.7-6.8	60-89	400-499
>6.9	>6.8	>89	>499
AVG.	7.0	6.9	117
CNT	20	20	20

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	38	0	0
CNT	0	0	20	0	0

HARDIN County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 4	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 7	6.1-6.2 3	10-19 21	100-149 3	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 14	10-15 0	1- 2 0
5.5-5.9 12	6.3-6.4 11	20-29 20	150-199 17	1600-2399 0	250-499 0	40-60 57	6- 9 0	1.1- 2 71	15-20 71	2- 3 100
6.0-6.4 30	6.5-6.6 17	30-59 35	200-399 71	2400-3999 43	500-699 14	60-80 43	10-14 0	2.1- 3 0	20-30 29	3- 5 0
6.5-6.9 34	6.7-6.8 34	60-89 13	400-499 5	4000-8999 57	700-999 0	80-90 0	15-20 29	3.1- 5 14	30-40 0	5-10 0
>6.9 16	>6.8 33	>89 8	>499 4	>9000 0	>999 86	>90 0	>20 71	> 5 0	>40 0	>10 0
AVG. 6.4	6.7	41	277	4323	1099	57.4	24.6	1.9	18.7	2.4
CNT 741	741	741	741	7	7	7	7	7	7	7

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 13	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 38	.6-1.0 0	3-6 0	10- 29 0	1- 4 100	20- 79 0
20- 39 50	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 100
40- 59 0	2.1-4.0 0	9-16 60	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 40	150-249 100	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 19	1.7	16.9	150	2.4	85
CNT 8	3	5	0	0	0

HARDIN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 11
5.0-5.4 0	6.1-6.2 0	10-19 11	100-149 0
5.5-5.9 11	6.3-6.4 11	20-29 0	150-199 0
6.0-6.4 22	6.5-6.6 22	30-59 0	200-399 11
6.5-6.9 0	6.7-6.8 0	60-89 11	400-499 11
>6.9 67	>6.8 67	>89 78	>499 67
AVG. 7.1	6.8	136	721
CNT 9	9	9	9

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 100	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 0	4- 7 0	80-149 100
40- 59 0	2.1-4.0 0	9-16 60	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 100	150-249 100	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	150	2.4	85
CNT 0	0	0	1	1	1

HARDIN County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 33	<6.1 33	<10 33	<100 33	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 0	6.3-6.4 0	20-29 33	150-199 33	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 33	6.5-6.6 0	30-59 33	200-399 33	2400-3999 0	500-699 0	60-80 0	10-14 100	2.1- 3 0	20-30 100	3- 5 0
6.5-6.9 0	6.7-6.8 0	60-89 5	400-499 2	4000-8999 100	700-999 100	80-90 100	15-20 0	3.1- 5 0	30-40 0	5-10 100
>6.9 33	>6.8 67	>89 0	>499 0	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.1	6.6	20	151	7060	724	84.4	14.4	1.2	20.9	5.9
CNT 3	3	3	3	1	1	1	1	1	1	1

HARRISON County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 11	<10 24	<100 4	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 19	6.1-6.2 10	10-19 29	100-149 23	800-1599 0	150-249 0	20-40 30	3- 5 0	.6- 1 10	10-15 10	1- 2 0
5.5-5.9 24	6.3-6.4 18	20-29 22	150-199 25	1600-2399 10	250-499 60	40-60 20	6- 9 40	1.1- 2 40	15-20 50	2- 3 10
6.0-6.4 24	6.5-6.6 23	30-59 17	200-399 44	2400-3999 50	500-699 20	60-80 40	10-14 50	2.1- 3 40	20-30 20	3- 5 40
6.5-6.9 18	6.7-6.8 21	60-89 5	400-499 2	4000-8999 20	700-999 10	80-90 10	15-20 10	3.1- 5 10	30-40 10	5-10 50
>6.9 9	>6.8 16	>89 3	>499 2	>9000 20	>999 10	>90 0	>20 0	> 5 0	>40 10	>10 0
AVG. 6.0	6.5	25	216	5540	637	57.7	10.8	2.0	22.5	5.4
CNT 307	307	307	307	10	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 33	1.1-2.0 0	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 60	60-149 0	7-10 0	150-500 0
60-120 67	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 75	0	0	0	0	0
CNT 3	0	0	0	0	0

HARRISON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 40	<6.1 50	<10 40	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 10	100-149 10
5.5-5.9 10	6.3-6.4 0	20-29 10	150-199 10
6.0-6.4 0	6.5-6.6 0	30-39 0	200-399 50
6.5-6.9 0	6.7-6.8 10	60-89 0	400-499 0
>6.9 50	>6.8 40	>89 40	>499 30
AVG. 6.1	6.4	67	355
CNT 10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			77		
CNT	0	0	7	0	0

HARRISON County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-39 0	200-399 100
6.5-6.9 0	6.7-6.8 100	60-89 100	400-499 0
>6.9 100	>6.8 0	>89 0	>499 0
AVG. 7.0	6.7	89	254
CNT 1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			20		
CNT	0	0	1	0	0

HENRY County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	FMG PCT	WK PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 1	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 1	10-19 10	100-149 14	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 10	1- 2 0
5.5-5.9 7	6.3-6.4 1	20-29 20	150-199 17	1600-7399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 60	15-20 30	2- 3 0
6.0-6.4 31	6.5-6.6 20	30-39 36	200-399 58	2400-3999 10	500-699 40	60-80 90	10-14 20	2.1- 3 30	20-30 60	3- 5 80
6.5-6.9 43	6.7-6.8 34	60-89 19	400-499 6	4000-8999 90	700-999 0	80-90 10	15-20 60	3.1- 5 10	30-40 0	5-10 20
>6.9 17	>6.8 44	>89 14	>499 3	>9000 0	>999 60	>90 0	>20 20	> 5 0	>40 0	>10 0
AVG. 6.6	6.8	50	267	594.5	878	70.9	17.6	2.0	20.8	4.3
CNT 214	214	214	214	10	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	2.3	355.1			
CNT	7	4	0	0	0

HENRY County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 27	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 9	150-199 0
6.0-6.4 27	6.5-6.6 0	30-39 18	200-399 55
6.5-6.9 36	6.7-6.8 64	60-89 0	400-499 18
>6.9 36	>6.8 36	>89 45	>499 27
AVG. 6.8	6.8	91	560
CNT 11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			50		
CNT	0	0	8	0	0

HENRY County Summary—TURF Samples

ALL PH PCT	LTN PCT	LR/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 25	6.3-6.4 25	20-29 25	150-199 50
6.0-6.4 25	6.5-6.6 0	30-39 25	200-399 50
6.5-6.9 25	6.7-6.8 25	60-89 0	400-499 0
>6.9 25	>6.8 50	>89 50	>499 0
AVG. 6.5	6.8	117	213
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	50	1- 4
20- 39	1.1-2.0	6- 9	30-59	50	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 0	0	0	32	0	0
CNT 0	0	0	4	0	0

HIGHLAND County Summary—FIELD CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 23	<100 3	< 800 0	<150 4	<20 0	< 3 0	<.6 0	<10 50	< 1 0
5.0-5.4 5	6.1-6.2 1	10-19 31	100-149 23	800-1599 0	150-249 50	20-40 4	3- 5 0	.6- 1 4	10-15 43	1- 2 7
5.5-5.9 14	6.3-6.4 5	20-29 18	150-199 31	1600-2399 4	250-499 29	40-60 21	6- 9 46	1.1- 2 68	15-20 0	2- 3 7
6.0-6.4 27	6.5-6.6 14	30-39 21	200-399 39	2400-3999 89	500-699 11	60-80 18	10-14 25	2.1- 3 29	20-30 7	3- 5 14
6.5-6.9 36	6.7-6.8 34	60-89 2	400-499 2	4000-8999 7	700-999 0	80-90 39	15-20 14	3.1- 5 0	30-40 0	5-10 46
>6.9 17	>6.8 45	>89 2	>499 1	>9000 0	>999 7	>90 18	>20 14	> 5 0	>40 0	>10 25
AVG. 6.4	6.8	24	206	3078	379	75.4	13.0	1.8	10.8	7.2
CNT 1590	1590	1590	1590	28	28	28	28	28	28	28

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 40	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 60	6- 9 67	30-59 67	4- 7 80-149	
40- 59 100	2.1-4.0 0	9-16 33	60-149 33	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 49	1.2	8.6	0	0	0
CNT 2	5	3	0	0	0

HIGHLAND County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 25	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 13	6.1-6.2 0	10-19 13	100-149 13	800-1599 0	150-249 50	20-40 0	3- 5 0	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 0	6.3-6.4 13	20-29 0	150-199 0	1600-2399 0	250-499 0	40-60 0	6- 9 50	1.1- 2 50	15-20 0	2- 3 50
6.0-6.4 0	6.5-6.6 0	30-39 13	200-399 63	2400-3999 50	500-699 0	60-80 50	10-14 0	2.1- 3 50	20-30 0	3- 5 0
6.5-6.9 38	6.7-6.8 13	60-89 13	400-499 0	4000-8999 50	700-999 50	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 50	>6.8 75	>89 38	>499 25	>9000 0	>999 0	>90 50	>20 50	> 5 0	>40 0	>10 50
AVG. 6.9	6.8	85	430	4482	539	81.4	16.4	2.1	13.7	7.5
CNT 8	8	8	8	2	2	2	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 67	30-59 67	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 33	60-149 33	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	48	0	0
CNT 0	0	0	3	0	0

HIGHLAND County Summary—TURF Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-39 0	200-399 67
6.5-6.9 50	6.7-6.8 33	60-89 50	400-499 17
>6.9 50	>6.8 67	>89 50	>499 17
AVG. 6.9	6.9	94	402
CNT 6	6	6	6

HOCKING County Summary—FIELD CROP Samples

ALL	PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0	2	<6.1	5	<10
5.0-5.4	72	6.1-6.2	7	10-19
5.5-5.9	22	6.3-6.4	20	20-29
6.0-6.4	24	6.5-6.6	16	30-59
6.5-6.9	24	6.7-6.8	32	60-89
>6.9	7	>6.8	20	>89
AVG.	6.0	6.6	17	182
CNT	148	148	148	148

HOCKING County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	0	6.3-6.4	0	150-199
6.0-6.4	20	6.5-6.6	20	200-399
6.5-6.9	60	6.7-6.8	20	400-499
>6.9	20	>6.8	60	>499
AVG.	6.8	6.8	72	300
CNT	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			34		
CNT	0	0	4	0	0

HOCKING County Summary—TURF Samples

ALL	PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	33	6.3-6.4	17	150-199
6.0-6.4	33	6.5-6.6	50	200-399
6.5-6.9	33	6.7-6.8	33	400-499
>6.9	0	>6.8	0	>499
AVG.	6.2	6.6	78	248
CNT	6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			33		
CNT	0	0	5	0	0

HOLMES County Summary—FIELD CROP Samples

ALL	PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	1	<6.1	1	<10	11	<100	5	<800	0	<150	0	<20	12	< 3	0	<.6	0	<10	12	< 1	0
5.0-5.4	8	6.1-6.2	5	10-19	27	100-149	25	800-1599	12	150-249	24	20-40	12	3- 5	18	.6- 1	0	10-15	47	1- 2	0
5.5-5.9	17	6.3-6.4	8	20-29	20	150-199	32	1600-2399	29	250-499	65	40-60	29	6- 9	12	1.1- 2	65	15-20	35	2- 3	0
6.0-6.4	28	6.5-6.6	20	30-59	28	200-399	33	2400-3999	35	500-999	0	60-80	47	10-14	35	2.1- 3	0	20-30	6	3- 5	76
6.5-6.9	34	6.7-6.8	38	60-89	11	400-499	3	4000-8999	24	700-999	12	80-90	0	15-20	29	3.1- 5	29	30-40	0	5-10	18
>6.9	12	>6.8	28	>89	3	>499	3	>9000	0	>999	0	>90	0	>20	6	> 5	6	>40	0	>10	6
AVG.	6.3	6.7	32	206	611	2859	17	405	52.9	12.6	2.4	13.8	17								4.5
CNT	611	611	611	611	611	611	17	17	17	17	17	17	17								17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	66	1.4	13.6		
CNT	5	5	5	0	0

HOLMES County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 8	100-149 0
5.5-5.9 23	6.3-6.4 8	20-29 15	150-199 15
6.0-6.4 0	6.5-6.6 15	30-59 15	200-399 46
6.5-6.9 31	6.7-6.8 23	60-89 0	400-499 0
>6.9 46	>6.8 54	>89 62	>499 38
AVG. 6.9	6.8	106	481
CNT 13	13	13	13

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 29					
CNT 0	0	0	11	0	0

HOLMES County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 4
5.0-5.4 4	6.1-6.2 4	10-19 4	100-149 8
5.5-5.9 15	6.3-6.4 8	20-29 12	150-199 0
6.0-6.4 27	6.5-6.6 19	30-59 42	200-399 73
6.5-6.9 23	6.7-6.8 31	60-89 12	400-499 8
>6.9 31	>6.8 38	>89 31	>499 8
AVG. 6.6	6.8	68	315
CNT 26	26	26	26

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 29					
CNT 0	0	0	25	0	0

HURON County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	SMG PCT	TK PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 25	<10 9	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 7	<10 4	< 1 0
5.0-5.4 19	6.1-6.2 5	10-19 21	100-149 19	800-1599 0	150-249 0	20-40 9	3- 5 4	.6- 1 13	10-15 41	1- 2 0
5.5-5.9 20	6.3-6.4 9	20-29 17	150-199 27	1600-2399 5	250-499 28	40-60 30	6- 9 11	1.1- 2 52	15-20 22	2- 3 11
6.0-6.4 23	6.5-6.6 14	30-59 22	200-399 36	2400-3999 33	500-699 30	60-80 50	10-14 24	2.1- 3 26	20-30 17	3- 5 67
6.5-6.9 23	6.7-6.8 21	60-89 7	400-499 8	4000-8999 56	700-999 30	80-90 11	15-20 48	3.1- 5 2	30-40 2	5-10 22
>6.9 9	>6.8 25	>89 24	>499 8	>9000 5	>999 11	>90 0	>20 13	> 5 0	>40 13	>10 0
AVG. 6.0	6.4	51	258	5390	703	62.8	15.5	1.6	20.9	4.3
CNT 1446	1446	1446	1446	57	46	46	46	46	46	46

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 20	<0.6 0	< 3 0	< 10 0	< 1 82	< 20 0
10- 19 7	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 40	1.1-2.0 33	6- 9 13	30-59 9	4- 7 0	80-149 0
40- 59 33	2.1-4.0 33	9-16 38	60-149 82	7-10 0	150-500 36
60-120 0	4.1-9.9 33	16-99 50	150-249 9	10-20 0	500-999 64
>120 0	>9.9 0	>99 0	>250 0	>20 18	>999 0
AVG. 33	2.7	32.9	93	14.0	453
CNT 15	6	8	11	11	11

HURON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	SMG PCT	TK PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 64	<10 1	<100 4	< 800 0	<150 0	<20 0	< 3 0	<.6 10	<10 0	< 1 0
5.0-5.4 25	6.1-6.2 3	10-19 4	100-149 15	800-1599 0	150-249 0	20-40 50	3- 5 7	.6- 1 52	10-15 0	1- 2 0
5.5-5.9 28	6.3-6.4 5	20-29 4	150-199 16	1600-2399 2	250-499 19	40-60 40	6- 9 62	1.1- 2 38	15-20 2	2- 3 5
6.0-6.4 14	6.5-6.6 7	30-59 13	200-399 38	2400-3999 14	500-699 24	60-80 7	10-14 14	2.1- 3 0	20-30 33	3- 5 62
6.5-6.9 12	6.7-6.8 7	60-89 26	400-499 9	4000-8999 73	700-999 40	80-90 2	15-20 17	3.1- 5 0	30-40 40	5-10 33
>6.9 12	>6.8 13	>89 52	>499 18	>9000 12	>999 17	>90 0	>20 0	> 5 0	>40 24	>10 0
AVG. 5.9	5.9	104	316	6105	771	42.3	9.6	1.0	34.8	4.8
CNT 95	95	95	95	51	42	42	42	42	42	42

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 20	<0.6 0	< 3 0	< 10 0	< 1 22	< 20 0
10- 19 40	.6-1.0 0	3-6 0	10- 29 17	1- 4 0	20- 79 22
20- 39 33	1.1-2.0 3	6- 9 0	30-59 60	4- 7 56	80-149 0
40- 59 7	2.1-4.0 18	9-16 0	60-149 20	7-10 0	150-500 56
60-120 0	4.1-9.9 67	16-99 96	150-249 3	10-20 0	500-999 22
>120 0	>9.9 12	>99 4	>250 0	>20 22	>999 0
AVG. 20	4.2	65.2	53	16.2	279
CNT 30	33	27	30	9	9

HURON County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 7	<10 7	<100 7	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 7	6.1-6.2 0	10-19 33	100-149 7	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 7	6.3-6.4 7	20-29 0	150-199 27	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 7	6.5-6.6 0	30-59 20	200-399 33	2400-3999 0	500-699 100	60-80 100	10 14 0	2.1- 3 0	20-30 0	3- 5 100
6.5-6.9 40	6.7-6.8 13	60-89 13	400-499 7	4000-8999 100	700-999 0	80-90 0	15-20 100	3.1- 5 0	30-40 0	5-10 0
>6.9 40	>6.8 73	>89 27	>499 20	>9000 0	>999 0	>90 0	>20 0	> 5 100	>40 0	>10 0
AVG. 6.8	6.9	55	421	4235	584	74.8	17.2	8.0	14.1	4.4
CNT 15	15	15	15	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	50	0	0
CNT 0	0	0	13	0	0

JACKSON County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 5	<10 56	<100 14	< 900 3	<150 8	<20 11	< 3 0	<.6 0	<10 24	< 1 0
5.0-5.4 20	6.1-6.2 7	10-19 20	100-149 34	800-1599 21	150-249 29	20-40 29	3- 5 11	.6- 1 5	10-15 61	1- 2 3
5.5-5.9 22	6.3-6.4 14	20-29 12	150-199 27	1600-2399 37	250-499 50	40-60 32	6- 9 39	1.1- 2 47	15-20 13	2- 3 26
6.0-6.4 28	6.5-6.6 23	30-59 9	200-399 24	2400-3999 37	500-699 11	60-80 18	10-14 29	2.1- 3 24	20-30 3	3- 5 45
6.5-6.9 18	6.7-6.8 30	60-89 2	400-499 1	4000-8999 3	700-999 3	80-90 8	15-20 13	3.1- 5 18	30-40 0	5-10 13
>6.9 6	>6.8 21	>89 1	>499 1	>9000 0	>999 0	>90 3	>20 8	> 5 5	>40 0	>10 13
AVG. 6.0	6.6	15	181	2178	318	48.3	11.7	3.3	11.9	5.0
CNT 360	360	360	360	38	38	38	38	38	35	38

JACKSON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 22	<6.1 0	<10 56	<100 11	< 800 100	<150 0	<20 100	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 33	6.1-6.2 22	10-19 11	100-149 11	800-1599 0	150-249 100	20-40 0	3- 5 0	.6- 1 0	10-15 100	1- 2 100
5.5-5.9 22	6.3-6.4 22	20-29 0	150-199 44	1600-2399 0	250-499 0	40-60 0	6- 9 100	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 11	6.5-6.6 22	30-59 22	200-399 22	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 11	6.7-6.8 11	60-89 0	400-499 0	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 0	>6.8 22	>89 11	>499 11	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 5.5	6.5	27	241	575	189	11.5	6.3	2.0	12.6	1.9
CNT 9	9	9	9	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	40	0	0
CNT 0	0	0	1	0	0

JACKSON County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 29	<100 14
5.0-5.4 29	6.1-6.2 14	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 14	150-199 29
6.0-6.4 29	6.5-6.6 0	30-59 0	200-399 43
6.5-6.9 0	6.7-6.8 14	60-89 14	400-499 0
>6.9 43	>6.8 71	>89 43	>499 14
AVG. 6.4	6.8	68	300
CNT 7	7	7	7

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	30	0	0
CNT 0	0	0	6	0	0

JEFFERSON County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 10	<10 18	<100 9	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 38	< 1 0
5.0-5.4 18	6.1-6.2 10	10-19 30	100-149 21	900-1599 38	150-249 25	20-40 50	3- 5 25	.6- 1 25	10-15 25	1- 2 0
5.5-5.9 21	6.3-6.4 14	20-29 17	150-199 27	1600-2399 25	250-499 75	40-60 38	6- 9 38	1.1- 2 63	15-20 0	2- 3 13
6.0-6.4 25	6.5-6.6 23	30-59 27	200-399 38	2400-3999 13	500-699 0	60-80 13	10-14 25	2.1- 3 0	20-30 38	3- 5 50
6.5-6.9 20	6.7-6.8 24	60-89 3	400-499 2	4000-8999 25	700-999 0	80-90 0	15-20 13	3.1- 5 13	30-40 0	5-10 38
>6.9 9	>6.8 19	>89 4	>499 4	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.0	6.5	29	215	2406	278	44.3	9.7	1.7	14.2	5.1
CNT 268	268	268	268	8	8	8	8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6 100	< 3	< 10	< 1	< 20
10- 19	.6-1.0 0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0 0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0 0	9-16	60-149	7-10	150-500
60-120	4.1-9.9 0	16-99	150-249	10-20	500-999
>120	>9.9 0	>99	>250	>20	>999
AVG. 0.0					
CNT 0	1	0	0	0	0

JEFFERSON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 8	<6.1 13	<10 0	<100 0
5.0-5.4 16	6.1-6.2 16	10-19 5	100-149 5
5.5-5.9 21	6.3-6.4 13	20-29 3	150-199 5
6.0-6.4 24	6.5-6.6 16	30-59 13	200-399 47
6.5-6.9 11	6.7-6.8 13	60-89 29	400-499 11
>6.9 21	>6.8 29	>89 50	>499 32
AVG. 6.1	6.5	92	493
CNT 38	38	38	38

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 38					
CNT 0	0	0	37	0	0

JEFFERSON County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 2	<6.1 5	<10 5	<100 0
5.0-5.4 5	6.1-6.2 12	10-19 10	100-149 2
5.5-5.9 24	6.3-6.4 17	20-29 12	150-199 12
6.0-6.4 24	6.5-6.6 26	30-59 21	200-399 69
6.5-6.9 31	6.7-6.8 12	60-89 26	400-499 12
>6.9 14	>6.8 29	>89 26	>499 5
AVG. 6.3	6.6	66	298
CNT 42	42	42	42

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 44					
CNT 0	0	0	42	0	0

KNOX County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 2	<10 10	<100 3	< 800 1	<150 5	<20 8	< 3 1	<.6 1	<10 15	< 1 0
5.0-5.4 16	6.1-6.2 10	10-19 24	100-149 21	800-1599 13	150-249 22	20-40 20	3- 5 11	.6- 1 4	10-15 49	1- 2 3
5.5-5.9 24	6.3-6.4 20	20-29 16	150-199 27	1600-2399 30	250-499 42	40-60 37	6- 9 28	1.1- 2 44	15-20 29	2- 3 16
6.0-6.4 29	6.5-6.6 23	30-59 31	200-399 44	2400-3999 43	500-699 22	60-80 32	10-14 25	2.1- 3 34	20-30 7	3- 5 50
6.5-6.9 20	6.7-6.8 27	60-89 12	400-499 3	4000-8999 12	700-999 6	80-90 3	15-20 20	3.1- 5 14	30-40 0	5-10 28
>6.9 6	>6.8 18	>89 6	>499 3	>9000 0	>999 3	>90 1	>20 15	> 5 4	>40 0	>10 3
AVG. 6.0	6.6	37	228	2741	432	50.7	13.3	2.4	13.9	4.4
CNT 988	988	988	988	158	158	158	158	158	158	158

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3 0	< 10 0	< 1	< 20
10- 19	.6-1.0 33	3-6 0	10- 29 0	1- 4	20- 79
20- 39	1.1-2.0 67	6- 9 0	30-59 0	4- 7	80-149
40- 59	2.1-4.0 0	9-16 86	60-149 0	7-10	150-500
60-120	4.1-9.9 0	16-99 14	150-249 0	10-20	500-999
>120	>9.9 0	>99 0	>250 0	>20	>999
AVG. 66	1.0	15.6			
CNT 12	3	7	0	0	0

KNOX County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 6	<10 6	<100 0
5.0-5.4 23	6.1-6.2 16	10-19 16	100-149 10
5.5-5.9 13	6.3-6.4 10	20-29 16	150-199 10
6.0-6.4 10	6.5-6.6 6	30-39 13	200-399 45
6.5-6.9 29	6.7-6.8 19	60-89 10	400-499 13
>6.9 26	>6.8 42	>89 39	>499 23
AVG. 6.4	6.6	76	407
CNT 31	31	31	31

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	61	1- 4
20- 39	1.1-2.0	6- 9	30-59	32	4- 7
40- 59	2.1-4.0	9-16	60-149	4	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	4	>20
AVG.			58		
CNT	0	0	28	0	0

KNOX County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 6	<100 3
5.0-5.4 3	6.1-6.2 3	10-19 3	100-149 9
5.5-5.9 16	6.3-6.4 13	20-29 6	150-199 6
6.0-6.4 27	6.5-6.6 25	30-39 31	200-399 72
6.5-6.9 25	6.7-6.8 9	60-89 19	400-499 3
>6.9 34	>6.8 50	>89 34	>499 6
AVG. 6.6	6.7	79	308
CNT 32	32	32	32

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	74	1- 4
20- 39	1.1-2.0	6- 9	30-59	23	4- 7
40- 59	2.1-4.0	9-16	60-149	3	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			26		
CNT	0	0	31	0	0

LAKE County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 25	<6.1 23	<10 17	<100 17	< 800 53	<150 73	<20 60	< 3 47	<.6 20	<10 27	< 1 0
5.0-5.4 17	6.1-6.2 15	10-19 11	100-149 30	800-1599 11	150-249 0	20-40 13	3- 5 13	.6- 1 33	10-15 13	1- 2 0
5.5-5.9 13	6.3-6.4 6	20-29 13	150-199 26	1600-2399 16	250-499 20	40-60 13	6- 9 13	1.1- 2 27	15-20 33	2- 3 7
6.0-6.4 28	6.5-6.6 23	30-39 19	200-399 23	2400-3999 11	500-699 7	60-80 7	10-14 27	2.1- 3 7	20-30 20	3- 5 60
6.5-6.9 15	6.7-6.8 26	60-89 13	400-499 0	4000-8999 11	700-999 0	80-90 7	15-20 0	3.1- 5 0	30-40 7	5-10 32
>6.9 2	>6.8 8	>89 26	>499 4	>9000 0	>999 0	>90 0	>20 0	> 5 13	>40 0	>10 0
AVG. 5.7	6.3	62	185	1527	159	25.7	5.6	2.1	16.1	4.5
CNT 53	53	53	53	19	15	15	15	15	15	15

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	50	1- 4
20- 39	1.1-2.0	6- 9	30-59	50	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			24	2.6	42
CNT	0	0	4	4	4

LAKE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 8	<10 8	<100 15	< 800 8	<150 14	<20 14	< 3 14	<.6 29	<10 57	< 1 0
5.0-5.4 8	6.1-6.2 9	10-19 7	100-149 9	800-1599 8	150-249 14	20-40 14	3- 5 14	.6- 1 14	10-15 29	1- 2 0
5.5-5.9 19	6.3-6.4 11	20-29 5	150-199 11	1600-2399 17	250-499 57	40-60 0	6- 9 14	1.1- 2 43	15-20 14	2- 3 20
6.0-6.4 24	6.5-6.6 13	30-39 24	200-399 44	2400-3999 33	500-699 14	60-80 57	10-14 14	2.1- 3 14	20-30 14	3- 5 43
6.5-6.9 27	6.7-6.8 13	60-89 13	400-499 4	4000-8999 25	700-999 0	80-90 14	15-20 14	3.1- 5 0	30-40 0	5-10 0
>6.9 16	>6.8 45	>89 43	>499 17	>9000 8	>999 0	>90 0	>20 29	> 5 0	>40 0	>10 29
AVG. 6.2	6.6	77	329	3550	321	60.7	14.8	1.1	11.3	5.6
CNT 75	75	75	75	12	7	7	7	7	7	7

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	2	< 20
10- 19	.6-1.0	3-6	10- 29	42	1- 4
20- 39	1.1-2.0	6- 9	30-59	49	4- 7
40- 59	2.1-4.0	9-16	60-149	7	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			34	24.6	68
CNT	5	0	57	5	5

LAKE County Summary—TURF Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	6	<6.1	6	<10	12	<100	3	<800	0	<150	0	<20	0	<3	0	<6	0	<10	0	<1	0
5.0-5.4	18	6.1-6.2	15	10-19	12	100-149	32	800-1599	0	150-249	0	20-40	100	2-5	100	.6-1	0	10-15	0	1-2	0
5.5-5.9	35	6.3-6.4	32	20-29	3	150-199	35	1600-2399	100	250-499	100	40-60	0	6-9	0	1.1-2	100	15-20	100	2-3	0
6.0-6.4	18	6.5-6.6	18	30-59	9	200-399	29	2400-3999	0	500-699	0	60-80	0	10-14	0	2.1-3	0	20-30	0	3-5	100
6.5-6.9	6	6.7-6.8	15	60-89	12	400-499	0	4000-8999	0	700-999	0	80-90	0	15-20	0	3.1-5	0	30-40	0	5-10	0
>6.9	18	>6.8	15	>89	53	>499	0	>9000	0	>999	0	>90	0	>20	0	>5	0	>40	0	>10	0
AVG.	5.9	6.5	87	184	1710	267	1	23.0	5.9	1.4	18.6	3.9									
CNT	34	34	34	34	1	1	1	1	1	1	1	1									

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT	
<10	<0.6	<3	<10	0	<1	<20
10-19	.6-1.0	3-6	10-29	63	1-4	20-79
20-39	1.1-2.0	6-9	30-59	26	4-7	80-149
40-59	2.1-4.0	9-16	60-149	11	7-10	150-500
60-120	4.1-9.9	16-99	150-249	0	10-20	500-999
>120	>9.9	>99	>250	0	>20	>999
AVG.	34	34	34	34	34	34
CNT	0	0	0	27	0	0

LAWRENCE County Summary—FIELD CROP Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	2	<6.1	10	<10	56	<100	1	<800	0	<150	25	<20	0	<3	13	<6	0	<10	13	<1	0
5.0-5.4	17	6.1-6.2	13	10-19	22	100-149	17	800-1599	25	150-249	50	20-40	25	3-5	50	.6-1	0	10-15	63	1-2	0
5.5-5.9	26	6.3-6.4	14	20-29	6	150-199	23	1600-2399	13	250-499	25	40-60	25	6-9	25	1.1-2	63	15-20	25	2-3	0
6.0-6.4	26	6.5-6.6	20	30-59	12	200-399	51	2400-3999	50	500-699	0	60-80	38	10-14	0	2.1-3	25	20-30	0	3-5	26
6.5-6.9	17	6.7-6.8	25	60-89	2	400-499	4	4000-8999	13	700-999	0	80-90	0	15-20	13	3.1-5	0	30-40	0	5-10	50
>6.9	12	>6.8	18	>89	3	>499	3	>9000	0	>999	0	>90	13	>20	0	>5	13	>40	0	>10	25
AVG.	6.1	6.5	17	250	2794	200	56.1	7.1	2.4	13.3	9.2										
CNT	230	230	230	230	8	8	8	8	8	8	8										

LAWRENCE County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	6	<10	6
5.0-5.4	11	6.1-6.2	6	10-19	11
5.5-5.9	22	6.3-6.4	11	20-29	17
6.0-6.4	22	6.5-6.6	11	30-59	17
6.5-6.9	6	6.7-6.8	11	60-89	11
>6.9	39	>6.8	56	>89	39
AVG.	6.4	6.7	86	491	
CNT	18	18	18	18	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT	
<10	<0.6	<3	<10	0	<1	<20
10-19	.6-1.0	3-6	10-29	64	1-4	20-79
20-39	1.1-2.0	6-9	30-59	27	4-7	80-149
40-59	2.1-4.0	9-16	60-149	0	7-10	150-500
60-120	4.1-9.9	16-99	150-249	9	10-20	500-999
>120	>9.9	>99	>250	0	>20	>999
AVG.	41	41	41	4.0	110	
CNT	0	0	0	11	1	

LAWRENCE County Summary—TURF Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<10	0
5.0-5.4	25	6.1-6.2	25	10-19	0
5.5-5.9	25	6.3-6.4	25	20-29	25
6.0-6.4	25	6.5-6.6	25	30-59	25
6.5-6.9	25	6.7-6.8	25	60-89	0
>6.9	0	>6.8	0	>89	75
AVG.	5.9	6.4	99	456	
CNT	4	4	4	4	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT	
<10	<0.6	<3	<10	0	<1	<20
10-19	.6-1.0	3-6	10-29	67	1-4	20-79
20-39	1.1-2.0	6-9	30-59	33	4-7	80-149
40-59	2.1-4.0	9-16	60-149	0	7-10	150-500
60-120	4.1-9.9	16-99	150-249	0	10-20	500-999
>120	>9.9	>99	>250	0	>20	>999
AVG.	27	27	27	0	0	
CNT	0	0	0	3	0	

LICKING County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 3	<6.1 2	<10 14	<100 4	< 800 0	<150 1	<20 1	< 3 0	<.6 0	<10 9	< 1 0
5.0-5.4 11	6.1-6.2 10	10-19 26	100-149 22	800-1599 4	150-249 15	20-40 18	3- 5 6	.6- 1 9	10-15 38	1- 2 0
5.5-5.9 19	6.3-6.4 15	20-29 19	150-199 31	1600-2399 16	250-499 57	40-60 36	6- 9 33	1.1- 2 54	15-20 33	2- 3 3
6.0-6.4 27	6.5-6.6 21	30-59 29	200-399 39	2400-3999 53	500-699 18	60-80 35	10-14 50	2.1- 3 28	20-30 20	3- 5 43
6.5-6.9 28	6.7-6.8 26	60-89 8	400-499 3	4000-8999 27	700-999 9	80-90 10	15-20 9	3.1- 5 8	30-40 0	5-10 53
>6.9 11	>6.8 25	>89 4	>499 1	>9000 0	>999 0	>90 1	>20 2	> 5 2	>40 0	>10 1
AVG. 6.2	6.6	32	208	3523	418	57.0	11.0	2.0	15.9	5.3
CNT 1183	1183	1183	1183	163	153	163	163	163	163	163

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 100	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 100	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 84	1.4	7.2			
CNT 3	2	2	0	0	0

LICKING County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 4	<6.1 1	<10 8	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 9	6.1-6.2 6	10-19 9	100-149 3	800-1599 0	150-249 0	20-40 5	3- 5 0	.6- 1 0	10-15 5	1- 2 0
5.5-5.9 9	6.3-6.4 15	20-29 5	150-199 13	1600-2399 5	250-499 5	40-60 0	6- 9 0	1.1- 2 5	15-20 0	2- 3 0
6.0-6.4 23	6.5-6.6 11	30-59 16	200-399 45	2400-3999 5	500-699 0	60-80 95	10-14 5	2.1- 3 62	20-30 95	3- 5 100
6.5-6.9 13	6.7-6.8 19	60-89 10	400-499 13	4000-8999 91	700-999 0	80-90 0	15-20 24	3.1- 5 29	30-40 0	5-10 0
>6.9 44	>6.8 48	>89 53	>499 25	>9000 0	>999 95	>90 0	>20 71	> 5 5	>40 0	>10 0
AVG. 6.6	6.7	111	425	6663	1174	73.4	21.0	3.0	23.0	7.5
CNT 80	80	80	80	22	21	21	21	21	21	21

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 19	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 43	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 22	4- 7 5	80-149 48
40- 59 0	2.1-4.0 0	9-16 0	60-149 34	7-10 14	150-500 48
60-120 0	4.1-9.9 0	16-99 0	150-249 2	10-20 57	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 5	>999 5
AVG. 0	0	0	52	11.5	109
CNT 0	0	0	65	21	21

LICKING County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 3	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 1	6.1-6.2 2	10-19 6	100-149 8	800-1599 0	150-249 5	20-40 0	3- 5 5	.6- 1 9	10-15 14	1- 2 0
5.5-5.9 10	6.3-6.4 8	20-29 7	150-199 9	1600-2399 0	250-499 55	40-60 5	6- 9 18	1.1- 2 77	15-20 68	2- 3 0
6.0-6.4 19	6.5-6.6 13	30-59 28	200-399 57	2400-3999 9	500-699 23	60-80 36	10-14 55	2.1- 3 14	20-30 18	3- 5 27
6.5-6.9 27	6.7-6.8 22	60-89 25	400-499 11	4000-8999 91	700-999 18	80-90 41	15-20 23	3.1- 5 0	30-40 0	5-10 55
>6.9 43	>6.8 54	>89 31	>499 13	>9000 0	>999 0	>90 18	>20 0	> 5 0	>40 0	>10 18
AVG. 6.7	6.8	73	333	5797	512	79.9	11.6	1.6	18.7	7.9
CNT 89	89	89	89	22	22	22	22	22	22	22

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 47	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 40	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 11	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 1	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 38					
CNT 0	0	0	72	0	0

LOGAN County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 18	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 2	6.1-6.2 1	10-19 25	100-149 9	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 29	1- 2 7
5.5-5.9 10	6.3-6.4 5	20-29 18	150-199 25	1600-2399 0	250-499 7	40-60 43	6- 9 0	1.1- 2 57	15-20 29	2- 3 36
6.0-6.4 28	6.5-6.6 22	30-59 29	200-399 61	2400-3999 36	500-699 7	60-80 57	10-14 7	2.1- 3 36	20-30 43	3- 5 57
6.5-6.9 37	6.7-6.8 36	60-89 6	400-499 3	4000-8999 64	700-999 36	80-90 0	15-20 50	3.1- 5 7	30-40 0	5-10 0
>6.9 23	>6.8 35	>89 4	>499 1	>9000 0	>999 50	>90 0	>20 43	> 5 0	>40 0	>10 0
AVG. 6.6	6.8	30	238	4859	994	61.6	20.9	1.9	19.4	3.0
CNT 402	402	402	402	14	14	14	14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 50	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 33	1.1-2.0 100	6- 9 0	30-59 4	4- 7 0	80-149 0
40- 59 17	2.1-4.0 0	9-16 43	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 57	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 27	1.4	19.5			
CNT 6	5	7	0	0	0

LOGAN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 27	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 7	100-149 7
5.5-5.9 7	6.3-6.4 0	20-29 13	150-199 13
6.0-6.4 13	6.5-6.6 13	30-39 7	200-399 27
6.5-6.9 27	6.7-6.8 27	60-89 13	400-499 13
>6.9 53	>6.8 60	>89 33	>499 40
AVG. 7.0	6.9	59	482
CNT 15	15	15	15

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	60	1- 4
20- 39	1.1-2.0	6- 9	30-59	0	4- 7
40- 59	2.1-4.0	9-16	60-149	40	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.				42	
CNT 0	0	0	5	0	0

LOGAN County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 25	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 25	150-199 0
6.0-6.4 25	6.5-6.6 25	30-39 25	200-399 75
6.5-6.9 0	6.7-6.8 0	60-89 25	400-499 25
>6.9 75	>6.8 75	>89 0	>499 0
AVG. 7.1	6.9	35	333
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	67	1- 4
20- 39	1.1-2.0	6- 9	30-59	33	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.				26	
CNT 0	0	0	3	0	0

LORAIN County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 5	<10 16	<100 4	< 800 0	<150 1	<20 1	< 3 0	<.6 0	<10 7	< 1 0
5.0-5.4 11	6.1-6.2 6	10-19 32	100-149 23	800-1599 1	150-249 0	20-40 16	3- 5 1	.6- 1 7	10-15 43	1- 2 1
5.5-5.9 21	6.3-6.4 13	20-29 23	150-199 34	1600-2399 13	250-499 57	40-60 40	6- 9 9	1.1- 2 60	15-20 44	2- 3 16
6.0-6.4 28	6.5-6.6 20	30-39 22	200-399 38	2400-3999 68	500-699 28	60-80 32	10-14 50	2.1- 3 19	20-30 6	3- 5 62
6.5-6.9 24	6.7-6.8 30	60-89 5	400-499 1	4000-8999 18	700-999 12	80-90 9	15-20 37	3.1- 5 10	30-40 0	5-10 18
>6.9 12	>6.8 26	>89 2	>499 1	>9000 0	>999 1	>90 1	>20 3	> 5 3	>40 0	>10 3
AVG. 6.2	6.6	26	195	3288	503	56.9	14.3	2.0	15.0	4.3
CNT 405	405	405	405	68	68	68	68	68	68	68

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	20	1- 4
20- 39	1.1-2.0	6- 9	30-59	60	4- 7
40- 59	2.1-4.0	9-16	60-149	20	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.				48	
CNT 0	0	0	5	5	5

LORAIN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 5	<10 7	<100 4	< 800 0	<150 2	<20 2	< 3 0	<.6 2	<10 22	< 1 0
5.0-5.4 8	6.1-6.2 4	10-19 9	100-149 13	800-1599 2	150-249 11	20-40 0	3- 5 2	.6- 1 6	10-15 39	1- 2 4
5.5-5.9 12	6.3-6.4 7	20-29 8	150-199 13	1600-2399 11	250-499 46	40-60 13	6- 9 4	1.1- 2 30	15-20 33	2- 3 0
6.0-6.4 17	6.5-6.6 12	30-39 12	200-399 40	2400-3999 41	500-699 13	60-80 44	10-14 39	2.1- 3 20	20-30 2	3- 5 48
6.5-6.9 27	6.7-6.8 16	60-89 11	400-499 12	4000-8999 46	700-999 26	80-90 39	15-20 52	3.1- 5 15	30-40 4	5-10 46
>6.9 30	>6.8 56	>89 53	>499 18	>9000 0	>999 2	>90 2	>20 4	> 5 28	>40 0	>10 2
AVG. 6.5	6.8	110	353	4049	535	74.9	15.8	3.7	14.0	5.1
CNT 113	113	113	113	56	54	54	54	54	54	54

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	22	1- 4
20- 39	1.1-2.0	6- 9	30-59	40	4- 7
40- 59	2.1-4.0	9-16	60-149	36	7-10
60-120	4.1-9.9	16-99	150-249	2	10-20
>120	>9.9	>99	>250	0	>20
AVG.				54	
CNT 0	0	0	105	56	56

LORAIN County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 2	<10 20	<100 0	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 6	6.1-6.2 5	10-19 11	100-149 6	800-1599 0	150-249 25	20-40 38	3-5 13	.6-1 6	10-15 19	1-2 0
5.5-5.9 11	6.3-6.4 19	20-29 5	150-199 16	1600-2399 6	250-499 13	40-60 19	6-9 6	1.1-2 56	15-20 6	2-3 44
6.0-6.4 14	6.5-6.6 5	30-59 22	200-399 67	2400-3999 0	500-699 6	60-80 38	10-14 19	2.1-3 6	20-30 31	3-5 38
6.5-6.9 22	6.7-6.8 23	60-89 20	400-499 11	4000-8999 38	700-999 13	80-90 0	15-20 25	3.1-5 13	30-40 6	5-10 19
>6.9 42	>6.8 47	>89 22	>499 0	>9000 0	>999 25	>90 0	>20 31	>5 19	>40 0	>10 0
AVG. 6.6	6.7	56	270	2848	575	47.7	16.1	2.9	14.9	3.4
CNT 64	64	64	64	16	16	16	16	16	16	16

LUCAS County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 1	<10 2	<100 4	<800 13	<150 19	<20 6	<3 6	<.6 0	<10 38	<1 0
5.0-5.4 2	6.1-6.2 2	10-19 7	100-149 13	800-1599 44	150-249 25	20-40 38	3-5 13	.6-1 6	10-15 19	1-2 0
5.5-5.9 16	6.3-6.4 3	20-29 10	150-199 13	1600-2399 6	250-499 13	40-60 19	6-9 6	1.1-2 56	15-20 6	2-3 44
6.0-6.4 27	6.5-6.6 21	30-59 33	200-399 54	2400-3999 0	500-699 6	60-80 38	10-14 19	2.1-3 6	20-30 31	3-5 38
6.5-6.9 42	6.7-6.8 38	60-89 23	400-499 9	4000-8999 38	700-999 13	80-90 0	15-20 25	3.1-5 13	30-40 6	5-10 19
>6.9 13	>6.8 36	>89 26	>499 0	>9000 0	>999 25	>90 0	>20 31	>5 19	>40 0	>10 0
AVG. 6.4	6.8	67	306	2848	575	47.7	16.1	2.9	14.9	3.4
CNT 184	184	184	184	16	16	16	16	16	16	16

LUCAS County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 1	<100 6	<800 0	<150 0	<20 0	<3 0	<.6 13	<10 0	<1 0
5.0-5.4 3	6.1-6.2 0	10-19 5	100-149 12	800-1599 0	150-249 0	20-40 13	3-5 0	.6-1 13	10-15 50	1-2 0
5.5-5.9 12	6.3-6.4 6	20-29 1	150-199 8	1600-2399 7	250-499 75	40-60 50	6-9 25	1.1-2 13	15-20 38	2-3 13
6.0-6.4 30	6.5-6.6 17	30-59 13	200-399 22	2400-3999 64	500-699 13	60-80 38	10-14 50	2.1-3 13	20-30 13	3-5 63
6.5-6.9 23	6.7-6.8 16	60-89 8	400-499 7	4000-8999 29	700-999 0	80-90 0	15-20 13	3.1-5 50	30-40 0	5-10 25
>6.9 31	>6.8 60	>89 72	>499 45	>9000 0	>999 13	>90 0	>20 13	>5 0	>40 0	>10 0
AVG. 6.6	6.8	140	834	3748	570	53.4	13.6	2.7	15.6	4.3
CNT 86	86	86	86	28	8	8	8	8	8	8

LUCAS County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 4	<10 4	<100 16	<800 0	<150 0	<20 0	<3 0	<.6 33	<10 0	<1 0
5.0-5.4 6	6.1-6.2 2	10-19 5	100-149 14	800-1599 0	150-249 33	20-40 0	3-5 0	.6-1 33	10-15 67	1-2 0
5.5-5.9 5	6.3-6.4 7	20-29 2	150-199 19	1600-2399 0	250-499 33	40-60 0	6-9 33	1.1-2 33	15-20 33	2-3 0
6.0-6.4 17	6.5-6.6 11	30-59 16	200-399 41	2400-3999 33	500-699 33	60-80 0	10-14 67	2.1-3 0	20-30 0	3-5 0
6.5-6.9 28	6.7-6.8 20	60-89 20	400-499 6	4000-8999 67	700-999 0	80-90 67	15-20 0	3.1-5 0	30-40 0	5-10 67
>6.9 43	>6.8 60	>89 53	>499 5	>9000 0	>999 0	>90 33	>20 0	>5 0	>40 0	>10 33
AVG. 6.8	6.8	90	235	4630	343	88.8	10.4	0.8	13.1	9.3
CNT 81	81	81	81	3	3	3	3	3	3	3

MADISON County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 7	<100 0	< 800 0	<150 0	<20 9	< 3 0	<.6 9	<10 0	< 1 0
5.0-5.4 2	6.1-6.2 1	10-19 24	100-149 5	800-1599 18	150-249 9	20-40 18	3- 5 9	.6- 1 0	10-15 9	1- 2 0
5.5-5.9 8	6.3-6.4 4	20-29 17	150-199 20	1600-2399 9	250-499 18	40-60 45	6- 9 27	1.1- 2 82	15-20 36	2- 3 18
6.0-6.4 25	6.5-6.6 15	30-59 34	200-399 65	2400-3999 9	500-699 9	60-80 18	10-14 18	2.1- 3 9	20-30 45	3- 5 73
6.5-6.9 42	6.7-6.8 33	60-89 10	400-499 4	4000-8999 55	700-999 36	80-90 0	15-20 36	3.1- 5 0	30-40 0	5-10 0
>6.9 21	>6.8 46	>89 8	>499 5	>9000 9	>999 27	>90 9	>20 9	> 5 0	>40 9	>10 9
AVG. 6.6	6.8	39	274	5299	748	52.7	13.7	1.6	22.6	4.3
CNT 406	406	406	406	11	11	11	11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 29	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 57	1.1-2.0 50	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 14	2.1-4.0 50	9-16 29	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 43	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 29	>250 0	>20 0	>999 0
AVG. 76	1.7	56.3	0	0	0
CNT 7	2	7	0	0	0

MADISON County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 20	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 20
6.5-6.9 0	6.7-6.8 0	60-89 0	400-499 20
>6.9 100	>6.8 100	>89 80	>499 60
AVG. 7.3	7.0	139	1124
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 57	.6-1.0 0	3-6 0	10- 29 50	1- 4 0	20- 79 0
20- 39 57	1.1-2.0 50	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 14	2.1-4.0 50	9-16 29	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 43	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 29	>250 0	>20 0	>999 0
AVG. 38	0	0	0	0	0
CNT 0	0	0	4	0	0

MADISON County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 50	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 25
6.0-6.4 0	6.5-6.6 0	30-59 25	200-399 50
6.5-6.9 50	6.7-6.8 0	60-89 0	400-499 0
>6.9 50	>6.8 100	>89 25	>499 25
AVG. 7.0	7.0	47	320
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 25	.6-1.0 0	3-6 0	10- 29 25	1- 4 0	20- 79 0
20- 39 75	1.1-2.0 0	6- 9 0	30-59 75	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 40	0	0	0	0	0
CNT 0	0	0	4	0	0

MAHONING County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 5	<6.1 5	<10 10	<100 10	< 800 0	<150 8	<20 4	< 3 4	<.6 4	<10 31	< 1 0
5.0-5.4 10	6.1-6.2 6	10-19 22	100-149 28	800-1599 8	150-249 31	20-40 8	3- 5 10	.6- 1 8	10-15 46	1- 2 4
5.5-5.9 14	6.3-6.4 12	20-29 20	150-199 26	1600-2399 23	250-499 42	40-60 25	6- 9 23	1.1- 2 31	15-20 15	2- 3 6
6.0-6.4 33	6.5-6.6 20	30-59 30	200-399 32	2400-3999 46	500-699 13	60-80 44	10-14 35	2.1- 3 25	20-30 2	3- 5 25
6.5-6.9 29	6.7-6.8 34	60-89 10	400-499 3	4000-8999 21	700-999 6	80-90 19	15-20 15	3.1- 5 27	30-40 0	5-10 54
>6.9 9	>6.8 24	>89 7	>499 1	>9000 2	>999 0	>90 0	>20 13	> 5 4	>40 6	>10 10
AVG. 6.2	6.6	37	196	3779	366	62.3	12.4	2.5	14.2	6.1
CNT 751	751	751	751	48	48	48	48	48	48	48

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 100	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 90	0.0	0	0	0	0
CNT 1	1	0	0	0	0

MAHONING County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 5	<10 2	<100 1	<800 0	<150 0	<20 25	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 12	6.1-6.2 9	10-19 13	100-149 4	800-1599 17	150-249 75	20-40 25	3-5 50	.6-1 0	10-15 50	1-2 0
5.5-5.9 13	6.3-6.4 10	20-29 5	150-199 16	1600-2399 33	250-499 25	40-60 25	6-9 50	1.1-2 0	15-20 50	2-3 0
6.0-6.4 16	6.5-6.6 17	30-59 20	200-399 50	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1-3 50	20-30 0	3-5 25
6.5-6.9 12	6.7-6.8 13	60-89 21	400-499 11	4000-8999 50	700-999 0	80-90 25	15-20 0	3.1-5 50	30-40 0	5-10 50
>6.9 41	>6.8 46	>89 39	>499 18	>9000 0	>999 0	>90 0	>20 0	>5 0	>40 0	>10 25
AVG. 6.4	6.7	80	378	3221	227	48.7	6.7	3.1	14.2	6.9
CNT 82	82	82	82	6	4	4	4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 43	1-4 0	20-79 100
20-39 0	1.1-2.0 0	6-9 0	30-59 29	4-7 100	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 50	4.1-9.9 0	16-99 0	150-249 29	10-20 0	500-999 0
>120 50	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 131			66	6.2	39
CNT 2	0	0	7	2	2

MAHONING County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 3	<10 7	<100 2	<800 0	<150 13	<20 0	<3 0	<.6 0	<10 13	<1 0
5.0-5.4 6	6.1-6.2 6	10-19 12	100-149 15	800-1599 13	150-249 38	20-40 13	3-5 25	.6-1 0	10-15 38	1-2 0
5.5-5.9 13	6.3-6.4 6	20-29 10	150-199 22	1600-2399 13	250-499 38	40-60 38	6-9 63	1.1-2 63	15-20 50	2-3 0
6.0-6.4 24	6.5-6.6 13	30-59 17	200-399 52	2400-3999 38	500-699 13	60-80 25	10-14 13	2.1-3 38	20-30 0	3-5 0
6.5-6.9 27	6.7-6.8 27	60-89 22	400-499 6	4000-8999 38	700-999 0	80-90 13	15-20 0	3.1-5 0	30-40 0	5-10 90
>6.9 29	>6.8 46	>89 32	>499 4	>9000 0	>999 0	>90 13	>20 0	>5 0	>40 0	>10 12
AVG. 6.5	6.8	68	252	3352	267	64.3	8.3	1.9	13.3	8.2
CNT 196	196	196	196	8	8	8	8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 21	1-4 0	20-79 100
20-39 0	1.1-2.0 0	6-9 0	30-59 65	4-7 100	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 13	7-10 0	150-500 0
60-120 50	4.1-9.9 0	16-99 0	150-249 1	10-20 0	500-999 0
>120 50	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 42			42		
CNT 0	0	0	110	0	0

MARION County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 7	<100 0	<800 0	<150 0	<20 4	<3 0	<.6 0	<10 2	<1 2
5.0-5.4 5	6.1-6.2 5	10-19 23	100-149 10	800-1599 7	150-249 0	20-40 4	3-5 2	.6-1 7	10-15 22	1-2 4
5.5-5.9 15	6.3-6.4 9	20-29 24	150-199 30	1600-2399 4	250-499 15	40-60 30	6-9 4	1.1-2 70	15-20 37	2-3 15
6.0-6.4 30	6.5-6.6 18	30-59 35	200-399 54	2400-3999 24	500-699 24	60-80 57	10-14 20	2.1-3 24	20-30 39	3-5 74
6.5-6.9 35	6.7-6.8 33	60-89 9	400-499 4	4000-8999 63	700-999 33	80-90 2	15-20 52	3.1-5 0	30-40 0	5-10 2
>6.9 14	>6.8 34	>89 3	>499 1	>9000 2	>999 28	>90 2	>20 22	>5 0	>40 0	>10 2
AVG. 6.4	6.7	33	234	4749	831	61.6	18.1	1.7	19.2	3.6
CNT 705	705	705	705	46	46	46	46	46	46	46

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10 13	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 13	.6-1.0 0	3-6 0	10-29 11	1-4 0	20-79 0
20-39 50	1.1-2.0 100	6-9 0	30-59 44	4-7 0	80-149 0
40-59 13	2.1-4.0 0	9-16 63	60-149 7	7-10 0	150-500 100
60-120 13	4.1-9.9 0	16-99 38	150-249 11	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 100	>999 0
AVG. 29	1.2	26.4	75	50.0	230
CNT 8	1	8	9	1	1

MARION County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 17	150-199 8
6.0-6.4 33	6.5-6.6 8	30-59 8	200-399 33
6.5-6.9 25	6.7-6.8 25	60-89 17	400-499 8
>6.9 42	>6.8 67	>89 58	>499 50
AVG. 6.8	6.9	136	884
CNT 12	12	12	12

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 11	1-4 0	20-79 0
20-39 0	1.1-2.0 0	6-9 0	30-59 44	4-7 0	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 33	7-10 0	150-500 100
60-120 0	4.1-9.9 0	16-99 0	150-249 11	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 100	>999 0
AVG. 75			75	50.0	230
CNT 0	0	0	9	1	1

MARION County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 12	<100 0	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 0	6.1-6.2 0	10-19 7	100-149 7	800-1599 0	150-249 0	20-40 0	3-5 0	.6-1 100	10-15 0	1-2 0
5.5-5.9 2	6.3-6.4 0	20-29 10	150-199 12	1600-2399 0	250-499 0	40-60 0	6-9 0	1.1-2 0	15-20 0	2-3 0
6.0-6.4 0	6.5-6.6 2	30-39 7	200-399 60	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1-3 0	20-30 100	3-5 0
6.5-6.9 14	6.7-6.8 7	40-49 24	400-499 12	4000-8999 100	700-999 100	80-90 0	15-20 100	3.1-5 0	30-40 0	5-10 100
>6.9 83	>6.8 95	>89 21	>499 10	>9000 0	>999 0	>90 0	>20 0	>5 0	>40 0	>10 0
AVG. 7.3	7.0	61	356	6475	754	77.3	15.0	0.8	20.9	5.7
CNT 42	42	42	42	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 13	1-4 0	20-79 0
20-39 0	1.1-2.0 0	6-9 0	30-59 68	4-7 0	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 16	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	57	0	0
CNT 0	0	0	31	0	0

MEDINA County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 3	<10 14	<100 5	<800 0	<150 0	<20 3	<3 0	<.6 0	<10 7	<1 0
5.0-5.4 11	6.1-6.2 6	10-19 29	100-149 26	800-1599 3	150-249 3	20-40 7	3-5 3	.6-1 0	10-15 55	1-2 3
5.5-5.9 16	6.3-6.4 14	20-29 17	150-199 32	1600-2399 14	250-499 28	40-60 28	6-9 3	1.1-2 38	15-20 31	2-3 41
6.0-6.4 31	6.5-6.6 20	30-39 30	200-399 34	2400-3999 62	500-699 34	60-80 62	10-14 21	2.1-3 52	20-30 7	3-5 52
6.5-6.9 31	6.7-6.8 36	40-49 7	400-499 2	4000-8999 21	700-999 24	80-90 0	15-20 17	3.1-5 10	30-40 0	5-10 3
>6.9 8	>6.8 22	>89 3	>499 1	>9000 0	>999 10	>90 0	>20 55	>5 0	>40 0	>10 0
AVG. 6.2	6.6	30	200	3358	649	59.8	19.7	2.2	14.7	7.7
CNT 504	504	504	504	29	29	29	29	29	29	29

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 1	1-4 0	20-79 0
20-39 25	1.1-2.0 100	6-9 0	30-59 71	4-7 0	80-149 0
40-59 53	2.1-4.0 0	9-16 71	60-149 7	7-10 0	150-500 0
60-120 13	4.1-9.9 0	16-99 29	150-249 10	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 46	1.6	14.8	0	0	0
CNT 8	6	7	0	0	0

MEDINA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 19	<6.1 22	<10 7	<100 0	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 17	6.1-6.2 12	10-19 3	100-149 8	800-1599 0	150-249 0	20-40 0	3-5 0	.6-1 0	10-15 100	1-2 0
5.5-5.9 5	6.3-6.4 14	20-29 10	150-199 17	1600-2399 0	250-499 100	40-60 100	6-9 0	1.1-2 0	15-20 0	2-3 0
6.0-6.4 25	6.5-6.6 10	30-39 20	200-399 39	2400-3999 25	500-699 0	60-80 0	10-14 0	2.1-3 0	20-30 0	3-5 100
6.5-6.9 25	6.7-6.8 20	40-49 5	400-499 10	4000-8999 38	700-999 0	80-90 0	15-20 100	3.1-5 0	30-40 0	5-10 0
>6.9 8	>6.8 22	>89 54	>499 25	>9000 38	>999 0	>90 0	>20 0	>5 100	>40 0	>10 0
AVG. 6.0	6.4	88	415	6715	485	51.0	17.1	7.5	11.8	3.0
CNT 59	59	59	59	8	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 41	1-4 0	20-79 29
20-39 0	1.1-2.0 0	6-9 0	30-59 43	4-7 14	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 11	7-10 0	150-500 43
60-120 0	4.1-9.9 0	16-99 0	150-249 6	10-20 29	500-999 29
>120 0	>9.9 0	>99 0	>250 0	>20 57	>999 0
AVG. 0	0	0	43	29.3	312
CNT 0	0	0	54	7	7

MEDINA County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 14	<10 9	<100 2	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 8	6.1-6.2 3	10-19 8	100-149 7	800-1599 0	150-249 0	20-40 0	3-5 0	.6-1 100	10-15 100	1-2 0
5.5-5.9 14	6.3-6.4 10	20-29 8	150-199 22	1600-2399 0	250-499 100	40-60 0	6-9 100	1.1-2 0	15-20 0	2-3 0
6.0-6.4 9	6.5-6.6 9	30-39 25	200-399 53	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1-3 0	20-30 0	3-5 0
6.5-6.9 18	6.7-6.8 10	40-49 23	400-499 10	4000-8999 100	700-999 0	80-90 0	15-20 0	3.1-5 0	30-40 0	5-10 0
>6.9 49	>6.8 53	>89 27	>499 6	>9000 0	>999 0	>90 100	>20 0	>5 0	>40 0	>10 100
AVG. 6.7	6.6	64	274	5380	262	91.8	7.5	0.7	14.6	17.3
CNT 88	88	88	88	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	ZOM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 21	1-4 0	20-79 0
20-39 0	1.1-2.0 0	6-9 0	30-59 60	4-7 0	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 16	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 1	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 2	>20 0	>999 0
AVG. 0	0	0	51	0	0
CNT 0	0	0	87	0	0

MEIGS County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 8	<10 43	<100 7	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 23	< 1 0
5.0-5.4 19	6.1-6.2 6	10-19 23	100-149 18	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 54	1- 2 0
5.5-5.9 20	6.3-6.4 17	20-39 12	150-199 25	1600-2399 0	250-499 31	40-60 8	6- 9 0	1.1- 2 31	15-20 8	2- 3 15
6.0-6.4 23	6.5-6.6 20	30-59 11	200-399 42	2400-3999 69	500-999 46	60-80 92	10-14 15	2.1- 3 23	20-30 15	3- 5 69
6.5-6.9 20	6.7-6.8 22	60-89 5	400-499 4	4000-8999 31	700-999 15	80-90 0	15-20 54	3.1- 5 0	30-40 0	5-10 15
>6.9 11	>6.8 27	>89 6	>499 4	>9000 0	>999 8	>90 0	>20 31	> 5 46	>40 0	>10 0
AVG. 6.0	6.6	74	277	3635	581	69.5	18.7	4.6	13.1	3.9
CNT 338	338	338	338	13	13	13	13	13	13	13

MEIGS County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 60	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	800-1599 30	150-249 0	20-40 20	3- 5 0	.6- 1 0	10-15 40	1- 2 0
5.5-5.9 16	6.3-6.4 5	20-39 0	150-199 11	1600-2399 40	250-499 100	40-60 40	6- 9 0	1.1- 2 0	15-20 0	2- 3 20
6.0-6.4 26	6.5-6.6 16	30-59 5	200-399 53	2400-3999 30	500-999 0	60-80 20	10-14 60	2.1- 3 0	20-30 0	3- 5 50
6.5-6.9 26	6.7-6.8 37	60-89 37	400-499 16	4000-8999 0	700-999 0	80-90 20	15-20 40	3.1- 5 40	30-40 0	5-10 30
>6.9 32	>6.8 42	>89 58	>499 21	>9000 0	>999 0	>90 0	>20 0	> 5 60	>40 0	>10 0
AVG. 6.6	6.8	120	401	2064	318	59.0	14.8	5.6	9.0	4.0
CNT 19	19	19	19	10	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%M PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 100	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 50	30-59 0	4- 7 0	80-149 0
40- 59 50	2.1-4.0 100	9-16 0	60-149 0	7-10 0	150-500 0
60-120 50	4.1-9.9 0	16-99 50	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 55	2.7	13.4	19	0	0
CNT 2	2	2	4	0	0

MEIGS County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 17	<6.1 17	<10 33	<100 0
5.0-5.4 17	6.1-6.2 17	10-19 0	100-149 17
5.5-5.9 33	6.3-6.4 0	20-39 0	150-199 17
6.0-6.4 33	6.5-6.6 50	30-59 17	200-399 50
6.5-6.9 0	6.7-6.8 17	60-89 33	400-499 0
>6.9 0	>6.8 0	>89 17	>499 17
AVG. 5.5	6.4	69	317
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%M PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 79 83	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 17	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	25	0	0
CNT 0	0	0	6	0	0

MERCER County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 5	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 3	6.1-6.2 2	10-19 22	100-149 3	800-1599 0	150-249 0	20-40 17	3- 5 0	.6- 1 17	10-15 17	1- 2 33
5.5-5.9 9	6.3-6.4 6	20-39 20	150-199 15	1600-2399 0	250-499 0	40-60 83	6- 9 0	1.1- 2 83	15-20 67	2- 3 67
6.0-6.4 30	6.5-6.6 20	30-59 38	200-399 77	2400-3999 83	500-999 0	60-80 0	10-14 0	2.1- 3 0	20-30 17	3- 5 0
6.5-6.9 43	6.7-6.8 41	60-89 11	400-499 4	4000-8999 17	700-999 67	80-90 0	15-20 50	3.1- 5 0	30-40 0	5-10 0
>6.9 15	>6.8 32	>89 3	>499 1	>9000 0	>999 33	>90 0	>20 50	> 5 0	>40 0	>10 0
AVG. 6.5	6.7	36	267	3308	979	46.8	23.4	1.6	17.9	2.1
CNT 696	696	696	696	6	6	6	6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%M PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 70	1.1-2.0 90	6- 9 20	30-59 100	4- 7 0	80-149 0
40- 59 30	2.1-4.0 10	9-16 40	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 40	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 38	1.7	14.4	54	0	0
CNT 10	10	10	1	0	0

MERCER County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 13	10-19 0	100-149 0
5.5-5.9 25	6.3-6.4 13	20-29 25	150-199 0
6.0-6.4 0	6.5-6.6 13	30-59 13	200-399 38
6.5-6.9 38	6.7-6.8 13	60-89 0	400-499 13
>6.9 38	>6.8 50	>89 63	>499 50
AVG. 6.6	6.7	103	693
CNT 8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	50	1- 4
20- 39	1.1-2.0	6- 9	30-59	0	4- 7
40- 59	2.1-4.0	9-16	60-149	50	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			64		>999
CNT	0	0	0	2	0

MERCER County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 44	<100 0
5.0-5.4 11	6.1-6.2 0	10-19 11	100-149 0
5.5-5.9 11	6.3-6.4 11	20-29 11	150-199 22
6.0-6.4 11	6.5-6.6 22	30-59 22	200-399 67
6.5-6.9 0	6.7-6.8 0	60-89 11	400-499 11
>6.9 67	>6.8 67	>89 0	>499 0
AVG. 6.8	6.8	26	277
CNT 9	9	9	9

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	0	1- 4
20- 39	1.1-2.0	6- 9	30-59	100	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			35		>999
CNT	0	0	0	4	0

MIAMI County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 5	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 8	< 1 8
5.0-5.4 3	6.1-6.2 1	10-19 20	100-149 3	800-1599 8	150-249 8	20-40 8	3- 5 15	.6- 1 0	10-15 8	1- 2 0
5.5-5.9 12	6.3-6.4 6	20-29 23	150-199 26	1600-2399 0	250-499 8	40-60 38	6- 9 0	1.1- 2 62	15-20 38	2- 3 54
6.0-6.4 34	6.5-6.6 23	30-59 35	200-399 67	2400-3999 31	500-699 23	60-80 54	10-14 8	2.1- 3 31	20-30 38	3- 5 15
6.5-6.9 38	6.7-6.8 32	60-89 13	400-499 2	4000-8999 62	700-999 15	80-90 0	15-20 23	3.1- 5 8	30-40 8	5-10 8
>6.9 14	>6.8 38	>89 3	>499 2	>9000 0	>999 46	>90 0	>20 34	> 5 0	>40 0	>10 15
AVG. 6.5	6.8	37	247	4917	1019	60.2	70.6	2.0	70.0	4.1
CNT 548	548	548	548	13	13	13	13	13	13	13

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	27	1- 4
20- 39	1.1-2.0	6- 9	30-59	73	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG. 4.3	1.1	9.5			>999
CNT 5	5	6	0	0	0

MIAMI County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 10	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 10	100-149 0	800-1599 10	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 21	1- 2 0
5.5-5.9 10	6.3-6.4 0	20-29 7	150-199 17	1600-2399 0	250-499 7	40-60 21	6- 9 0	1.1- 2 43	15-20 14	2- 3 21
6.0-6.4 7	6.5-6.6 17	30-59 13	200-399 67	2400-3999 36	500-699 29	60-80 79	10-14 0	2.1- 3 21	20-30 64	3- 5 79
6.5-6.9 73	6.7-6.8 17	60-89 7	400-499 20	4000-8999 64	700-999 0	80-90 0	15-20 36	3.1- 5 36	30-40 0	5-10 0
>6.9 60	>6.8 67	>89 53	>499 3	>9000 0	>999 64	>90 0	>20 64	> 5 0	>40 0	>10 0
AVG. 7.1	6.9	85	342	5770	1107	69.8	21.9	2.6	20.3	3.2
CNT 30	30	30	30	14	14	14	14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	27	1- 4
20- 39	1.1-2.0	6- 9	30-59	73	4- 7
40- 59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			32		>999
CNT	0	0	0	11	0

MIAMI County Summary—TURF Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	6	6.3-6.4	0	20-39
6.0-6.4	9	6.5-6.6	9	30-59
6.5-6.9	26	6.7-6.8	9	60-89
>6.9	60	>6.8	83	>89
AVG.	7.0	6.9	63	383
CNT	35	35	35	35

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	SOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			56		
CNT	0	0	26	0	0

MONROE County Summary—FIELD CROP Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	FGA PCT	ZMG PCT	%K PCT	CEC PCT	CA/MG PCT		
<5.0	8	<6.1	17	<10	38	<100	2	< 800	0	<150	0	< 1	0
5.0-5.4	21	6.1-6.2	14	10-19	30	100-149	17	800-1599	20	150-249	40	<20	20
5.5-5.9	27	6.3-6.4	16	20-29	13	150-199	28	1600-2399	40	250-499	40	< 3	0
6.0-6.4	23	6.5-6.6	20	30-59	13	200-399	47	2400-3999	40	500-999	20	6- 9	0
6.5-6.9	18	6.7-6.8	23	60-89	4	400-499	3	4000-8999	0	700-999	0	1.1- 2	100
>6.9	3	>6.8	9	>89	1	>499	2	>9000	0	>999	0	15-20	0
AVG.	5.9	6.4	20	222	2021	307	26.0	6.7	1.4	19.0	4.1		
CNT	459	469	469	469	5	5	5	5	5	5	5		

MONROE County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	25	<10
5.0-5.4	50	6.1-6.2	25	10-19
5.5-5.9	0	6.3-6.4	25	20-29
6.0-6.4	25	6.5-6.6	25	30-59
6.5-6.9	25	6.7-6.8	0	60-89
>6.9	0	>6.8	0	>89
AVG.	5.8	6.2	73	531
CNT	4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	SOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			36		
CNT	0	0	4	0	0

MONROE County Summary—TURF Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	20	6.3-6.4	20	20-39
6.0-6.4	40	6.5-6.6	20	30-59
6.5-6.9	20	6.7-6.8	40	60-89
>6.9	20	>6.8	20	>89
AVG.	6.4	6.7	71	345
CNT	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	SOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			69		
CNT	0	0	3	0	0

MONTGOMERY County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 16	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 17	<10 0	< 1 0
5.0-5.4 2	6.1-6.2 0	10-19 25	100-149 10	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 50	1- 2 0
5.5-5.9 11	6.3-6.4 5	20-29 17	150-199 29	1600-2399 0	250-499 0	40-60 17	6- 9 0	1.1- 2 67	15-20 33	2- 3 93
6.0-6.4 26	6.5-6.6 15	30-39 30	200-399 57	2400-3999 50	500-699 17	60-80 83	10-14 0	2.1- 3 17	20-30 0	3- 5 17
6.5-6.9 37	6.7-6.8 31	60-89 6	400-499 3	4000-8999 33	700-999 33	80-90 0	15-20 17	3.1- 5 0	30-40 0	5-10 0
>6.9 25	>6.8 49	>89 6	>499 1	>9000 17	>999 50	>90 0	>20 83	> 5 0	>40 17	>10 0
AVG. 6.6	6.8	33	232	5782	1185	64.1	24.4	1.5	21.8	2.7
CNT 415	415	415	415	6	6	6	6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 33	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 33	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 33	2.1-4.0 0	9-16 67	60-149 0	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 33	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 >999	>999 0
AVG. .27	1.4	12.8	0	0	0
CNT 3	2	3	0	0	0

MONTGOMERY County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 3	<100 2
5.0-5.4 2	6.1-6.2 0	10-19 11	100-149 3
5.5-5.9 4	6.3-6.4 2	20-29 12	150-199 10
6.0-6.4 4	6.5-6.6 4	30-39 17	200-399 42
6.5-6.9 14	6.7-6.8 11	60-89 11	400-499 9
>6.9 75	>6.8 82	>89 49	>499 34
AVG. 7.7	6.9	93	542
CNT 91	91	91	91

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 100
10- 19 0	.6-1.0 0	3-6 0	10- 29 21	1- 4 0	20- 79 0
20- 39 100	1.1-2.0 0	6- 9 0	30-59 61	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 100	60-149 13	7-10 100	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 1	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 4	>20 0	>999 0
AVG. .34	15.0	70	8.0	0	0
CNT 1	0	1	77	1	1

MONTGOMERY County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 15	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 8	100-149 2	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 100	10-15 0	1- 2 0
5.5-5.9 7	6.3-6.4 0	20-29 6	150-199 11	1600-2399 0	250-499 100	40-60 0	6- 9 100	1.1- 2 0	15-20 100	2- 3 0
6.0-6.4 4	6.5-6.6 3	30-39 22	200-399 58	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 18	6.7-6.8 8	60-89 16	400-499 16	4000-8999 67	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 76	>6.8 89	>89 33	>499 13	>9000 33	>999 0	>90 100	>20 0	> 5 0	>40 0	>10 100
AVG. 7.3	7.0	67	366	11993	376	90.7	8.3	1.0	18.8	10.9
CNT 119	119	119	119	3	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 50
10- 19 0	.6-1.0 0	3-6 0	10- 29 18	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 59	4- 7 50	80-149 50
40- 59 0	2.1-4.0 0	9-16 0	60-149 18	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 4	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 2	>20 50	>999 0
AVG. 0	0	0	51	12.5	68
CNT 0	0	0	113	2	2

MORGAN County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 8	<10 45	<100 4	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 14	6.1-6.2 9	10-19 27	100-149 17	800-1599 0	150-249 50	20-40 50	3- 5 50	.6- 1 0	10-15 100	1- 2 0
5.5-5.9 77	6.3-6.4 14	20-29 10	150-199 25	1600-2399 50	250-499 0	40-60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 50
6.0-6.4 26	6.5-6.6 21	30-39 14	200-399 48	2400-3999 50	500-699 0	60-80 50	10-14 0	2.1- 3 0	20-30 0	3- 5 0
6.5-6.9 19	6.7-6.8 26	60-89 3	400-499 4	4000-8999 0	700-999 50	80-90 0	15-20 0	3.1- 5 50	30-40 0	5-10 50
>6.9 10	>6.8 22	>89 2	>499 2	>9000 0	>999 0	>90 0	>20 50	> 5 50	>40 0	>10 0
AVG. 6.1	6.6	18	222	2622	468	53.8	15.7	4.7	11.9	4.6
CNT 359	359	359	359	2	2	2	2	2	2	2

MORGAN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 9	<100 0
5.0-5.4 9	6.1-6.2 9	10-19 9	100-149 0
5.5-5.9 27	6.3-6.4 9	20-29 9	150-199 0
6.0-6.4 18	6.5-6.6 9	30-39 9	200-399 55
6.5-6.9 18	6.7-6.8 36	60-89 0	400-499 18
>6.9 27	>6.8 36	>89 64	>499 27
AVG. 6.4	6.7	95	418
CNT 11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 33	33	33	33	33	33
CNT 0	0	0	10	0	0

MORGAN County Summary—TURF Samples

ALL PH PCT	LI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 33	6.1-6.2 0	10-19 17	100-149 0
5.5-5.9 17	6.3-6.4 33	20-29 17	150-199 0
6.0-6.4 0	6.5-6.6 0	30-39 0	200-399 83
6.5-6.9 33	6.7-6.8 33	60-89 17	400-499 0
>6.9 17	>6.8 33	>89 50	>499 17
AVG. 6.2	6.7	93	410
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 94	94	94	94	94	94
CNT 0	0	0	4	0	0

MORROW County Summary—FIELD CROP Samples

ALL PH PCT	LI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 3	<10 15	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 1	< 1 0
5.0-5.4 10	6.1-6.2 7	10-19 28	100-149 19	800-1599 0	150-249 3	20-40 31	3- 5 0	.6- 1 3	10-15 39	1- 2 0
5.5-5.9 21	6.3-6.4 16	20-29 20	150-199 35	1600-2399 27	250-499 61	40-60 37	6- 9 37	1.1- 2 79	15-20 48	2- 3 4
6.0-6.4 30	6.5-6.6 22	30-39 28	200-399 41	2400-3999 52	500-699 24	60-80 24	10-14 31	2.1- 3 15	20-30 10	3- 5 75
6.5-6.9 28	6.7-6.8 29	60-89 6	400-499 1	4000-8999 21	700-999 9	80-90 7	15-20 25	3.1- 5 3	30-40 1	5-10 19
>6.9 8	>6.8 23	>89 2	>499 1	>9000 0	>999 3	>90 0	>20 6	> 5 0	>40 0	>10 1
AVG. 6.2	6.6	28	209	3245	480	51.8	12.7	1.7	16.1	4.3
CNT 819	819	819	819	67	67	67	67	67	67	67

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 67	1.3	11.6	0	0	0
CNT 10	3	11	0	0	0

MORROW County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 9	<10 9	<100 9	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 9	6.1-6.2 0	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 9	6.3-6.4 9	20-29 0	150-199 0	1600-2399 0	250-499 0	40 60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 27	6.5-6.6 18	30-39 18	200-399 9	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1- 3 0	20-30 0	3- 5 100
6.5-6.9 18	6.7-6.8 9	60-89 9	400-499 9	4000-8999 0	700-999 0	80-90 0	15-20 100	3.1- 5 100	30-40 100	5-10 0
>6.9 36	>6.8 55	>89 64	>499 73	>9000 100	>999 100	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.6	6.7	114	1284	9590	1267	78.4	17.3	4.3	30.6	4.5
CNT 11	11	11	11	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 45	45	45	45	45	45
CNT 0	0	0	11	0	0

MORROW County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 33	<100 0
5.0-5.4 10	6.1-6.2 0	10-19 17	100-149 17
5.5-5.9 17	6.3-6.4 10	20-29 17	150-199 17
6.0-6.4 33	6.5-6.6 33	30-59 33	200-399 50
6.5-6.9 10	6.7-6.8 33	60-89 0	400-499 17
>6.9 50	>6.8 33	>89 0	>499 10
AVG. 6.6	6.8	23	272
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	77	0	0
CNT 0	0	0	2	0	0

MUSKINGUM County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 3	<10 23	<100 4	< 800 1	<150 4	<20 4	< 3 0	<.6 1	<10 20	< 1 0
5.0-5.4 9	6.1-6.2 7	10-19 28	100-149 17	800-1599 8	150-249 21	20-40 19	3- 5 9	.6- 1 3	10-15 61	1- 2 0
5.5-5.9 22	6.3-6.4 12	20-29 16	150-199 26	1600-2399 28	250-499 57	40-60 28	6- 9 29	1.1- 2 36	15-20 17	2- 3 5
6.0-6.4 28	6.5-6.6 19	30-59 23	200-399 48	2400-3999 51	500-699 17	60-80 35	10-14 35	2.1- 3 37	20-30 1	3- 5 57
6.5-6.9 26	6.7-6.8 27	60-89 6	400-499 2	4000-8999 12	700-999 0	80-90 12	15-20 16	3.1- 5 17	30-40 0	5-10 35
>6.9 12	>6.8 33	>89 4	>499 2	>9000 0	>999 0	>90 3	>20 11	> 5 5	>40 0	>10 3
AVG. 6.2	6.7	28	223	2756	347	57.2	12.2	2.6	12.5	5.1
CNT 735	735	735	735	75	75	75	75	75	75	75

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 51	2.0	10.8	0	0	0
CNT 7	7	7	0	0	0

MUSKINGUM County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 5	<6.1 4	<10 5	<100 0
5.0-5.4 21	6.1-6.2 13	10-19 17	100-149 14
5.5-5.9 28	6.3-6.4 13	20-29 7	150-199 13
6.0-6.4 24	6.5-6.6 18	30-59 9	200-399 36
6.5-6.9 16	6.7-6.8 30	60-89 17	400-499 13
>6.9 7	>6.8 21	>89 45	>499 24
AVG. 5.9	6.6	85	387
CNT 76	76	76	76

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	51	0	0
CNT 0	0	0	45	0	0

MUSKINGUM County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 9	<10 10	<100 0
5.0-5.4 13	6.1-6.2 10	10-19 13	100-149 5
5.5-5.9 34	6.3-6.4 16	20-29 8	150-199 27
6.0-6.4 19	6.5-6.6 29	30-59 26	200-399 55
6.5-6.9 19	6.7-6.8 23	60-89 16	400-499 3
>6.9 11	>6.8 28	>89 27	>499 10
AVG. 6.1	6.8	63	293
CNT 67	62	62	62

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	34	0	0
CNT 0	0	0	55	0	0

NOBLE County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 12	<10 44	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 22	6.1-6.2 12	10-19 29	100-145 13	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 50	1- 2 0
5.5-5.9 16	6.3-6.4 11	20-29 8	150-199 24	1600-2399 0	250-499 50	40-60 100	6- 9 50	1.1- 2 50	15-20 0	2- 3 0
6.0-6.4 21	6.5-6.6 18	30-59 12	200-399 53	2400-3999 50	500-699 50	60-80 0	10-14 50	2.1- 3 0	20-30 50	3- 5 50
6.5-6.9 24	6.7-6.8 26	60-89 4	400-499 4	4000-8999 50	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 50
>6.9 12	>6.8 20	>89 4	>499 3	>9000 0	>999 0	>90 0	>20 0	> 5 50	>40 0	>10 0
AVG. 6.1	6.5	21	247	3430	482	46.6	10.3	3.5	19.1	4.5
CNT 217	217	217	217	2	2	2	2	2	2	2

NOBLE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<5.0 0	<6.1 20	<10 0	<100 0	< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
5.0-5.4 60	6.1-6.2 20	10-19 0	100-149 0	10- 19 80	.6-1.0 3-6	3-6 80	10- 29 80	1- 4 20- 79	20- 79 0
5.5-5.9 0	6.3-6.4 20	20-29 0	150-199 0	20- 39 20	1.1-2.0 6- 9	6- 9 20	30-59 20	4- 7 80-149	80-149 0
6.0-6.4 20	6.5-6.6 20	30-59 20	200-399 40	40- 59 0	2.1-4.0 9-16	9-16 0	60-149 0	7-10 150-500	150-500 0
6.5-6.9 0	6.7-6.8 0	60-89 20	400-499 40	60-120 0	4.1-9.9 16-99	16-99 0	150-249 0	10-20 500-999	500-999 0
>6.9 20	>6.8 20	>89 40	>499 20	>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 6.0	6.4	73	427	29					
CNT 5	5	5	5	5					

NOBLE County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<5.0 0	<6.1 0	<10 100	<100 0	< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	10- 19 0	.6-1.0 3-6	3-6 0	10- 29 0	1- 4 20- 79	20- 79 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0	20- 39 0	1.1-2.0 6- 9	6- 9 100	30-59 100	4- 7 80-149	80-149 0
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 0	40- 59 0	2.1-4.0 9-16	9-16 0	60-149 0	7-10 150-500	150-500 0
6.5-6.9 0	6.7-6.8 0	60-89 0	400-499 100	60-120 0	4.1-9.9 16-99	16-99 0	150-249 0	10-20 500-999	500-999 0
>6.9 100	>6.8 100	>89 0	>499 0	>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 7.2	7.0	7	496	48					
CNT 1	1	1	1	1					

OTTAWA County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 7	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 1	10-19 31	100-149 1	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 5	6.3-6.4 7	20-29 15	150-199 4	1600-2399 0	250-499 33	40-60 33	6- 9 33	1.1- 2 33	15-20 0	2- 3 33
6.0-6.4 20	6.5-6.6 14	30-59 16	200-399 52	2400-3999 0	500-699 0	60-80 33	10-14 0	2.1- 3 33	20-30 67	3- 5 33
6.5-6.9 40	6.7-6.8 28	60-89 12	400-499 27	4000-8999 100	700-999 0	80-90 33	15-20 33	3.1- 5 33	30-40 33	5-10 0
>6.9 35	>6.8 50	>89 19	>499 16	>9000 0	>999 67	>90 0	>20 33	> 5 0	>40 0	>10 33
AVG. 6.8	6.8	49	379	6820	1006	66.9	15.8	2.3	26.2	6.2
CNT 147	147	147	147	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 83	.6-1.0 0	3-6 0	10- 29 0	1- 4 20- 79	20- 79 0
20- 39 17	1.1-2.0 100	6- 9 0	30-59 0	4- 7 80-149	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 100	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 15	2.0	37.1			
CNT 6	1	1			

OTTAWA County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	7	<6.1	0	<10	7	<100	7	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	13	6.1-6.2	0	10-19	7	100-149	0	800-1599	0	150-249	0	20-40	100	3-5	0	.6-1	0	10-15	0	1-2	0
5.5-5.9	7	6.3-6.4	13	20-29	20	150-199	13	1600-2399	0	250-499	100	40-60	0	6-9	100	1.1-2	100	15-20	100	2-3	0
6.0-6.4	13	6.5-6.6	20	30-59	13	200-399	47	2400-3999	100	500-999	0	60-80	0	10-14	0	2.1-3	0	20-30	0	3-5	100
6.5-6.9	20	6.7-6.8	7	60-89	7	400-499	13	4000-8999	0	700-999	0	80-90	0	15-20	0	3.1-5	0	30-40	0	5-10	0
>6.9	40	>6.8	60	>89	47	>499	20	>9000	0	>999	0	>90	0	>20	0	>5	0	>40	0	>10	0
AVG.	6.5	6.8	6.8	75	442	2435	327	37.4	8.4	1.3	16.3	4.1									
CNT	15	15	15	15	1	1	1	1	1	1	1	1									

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	0	1-4
20-39	1.1-2.0	6-9	30-59	78	4-7
40-59	2.1-4.0	9-16	60-149	22	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.	0	0	54	0	0
CNT	0	0	9	0	0

OTTAWA County Summary—TURF Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	0	6.3-6.4	0	150-199
6.0-6.4	25	6.5-6.6	0	200-399
6.5-6.9	0	6.7-6.8	0	400-499
>6.9	75	>6.8	100	>499
AVG.	7.1	6.9	63	466
CNT	4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	0	1-4
20-39	1.1-2.0	6-9	30-59	75	4-7
40-59	2.1-4.0	9-16	60-149	25	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.	0	0	49	0	0
CNT	0	0	4	0	0

PAULDING County Summary—FIELD CROP Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	0	<6.1	0	<10	8	<100	0	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	6	<1	0
5.0-5.4	2	6.1-6.2	1	10-19	34	100-149	4	800-1599	0	150-249	0	20-40	0	3-5	0	.6-1	0	10-15	11	1-2	0
5.5-5.9	7	6.3-6.4	5	20-29	23	150-199	10	1600-2399	6	250-499	0	40-60	33	6-9	0	1.1-2	78	15-20	33	2-3	4
6.0-6.4	28	6.5-6.6	16	30-59	27	200-399	75	2400-3999	22	500-999	17	60-80	61	10-14	6	2.1-3	22	20-30	50	3-5	5
6.5-6.9	39	6.7-6.8	33	60-89	6	400-499	9	4000-8999	72	700-999	39	80-90	6	15-20	56	3.1-5	0	30-40	0	5-10	0
>6.9	24	>6.8	46	>89	3	>499	2	>9000	0	>999	44	>90	0	>20	39	>5	0	>40	0	>10	0
AVG.	6.6	6.8	6.8	29	292	5117	1002	64.8	21.5	1.6	19.7	3.1									
CNT	367	367	367	367	18	18	18	18	18	18	18	18									

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	0	1-4
20-39	1.1-2.0	6-9	30-59	100	4-7
40-59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.	1.6	1.4	18.8	0	0
CNT	4	1	2	0	0

PAULDING County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	0	6.3-6.4	0	150-199
6.0-6.4	0	6.5-6.6	0	200-399
6.5-6.9	0	6.7-6.8	0	400-499
>6.9	100	>6.8	100	>499
AVG.	7.5	7.0	200	671
CNT	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	0	1-4
20-39	1.1-2.0	6-9	30-59	100	4-7
40-59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.	0	0	50	0	0
CNT	0	0	1	0	0

PAULDING County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 20	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 20	200-399 60
6.5-6.9 0	6.7-6.8 20	60-89 20	400-499 0
>6.9 100	>6.8 80	>89 40	>499 40
AVG. 7.3	6.9	76	438
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 38					
CNT 0	0	0	4	0	0

PERRY County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	Mg LB/A PCT	ΣCA PCT	ΣMC PCT	%K PCT	CEC PCT	CA/Mg PCT
<5.0 3	<6.1 8	<10 29	<100 5	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 22	< 1 0
5.0-5.4 17	6.1-6.2 7	10-19 30	100-149 26	900-1599 6	150-249 28	20-40 6	3- 5 0	.6- 1 0	10-15 28	1- 2 0
5.5-5.9 19	6.3-6.4 16	20-29 15	150-199 28	1600-2399 17	250-499 67	40 60 56	6- 9 67	1.1- 2 83	15-20 44	2- 3 0
6.0-6.4 24	6.5-6.6 15	30-59 17	200-399 37	2400-3999 50	500-699 6	60-80 33	10-14 33	2.1- 3 17	20-30 6	3- 5 17
6.5-6.9 27	6.7-6.8 32	60-89 7	400-499 1	4000-8999 28	700-999 0	80-90 6	15-20 0	3.1- 5 0	30-40 0	5-10 83
>6.9 9	>6.8 28	>89 2	>499 3	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.1	6.6	24	205	3148	313	54.9	9.0	1.7	14.7	6.1
CNT 303	303	303	303	18	18	18	18	18	18	18

PERRY County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 17	6.1-6.2 0	10-19 17	100-149 0
5.5-5.9 17	6.3-6.4 17	20-29 0	150-199 17
6.0-6.4 50	6.5-6.6 50	30-59 33	200-399 67
6.5-6.9 17	6.7-6.8 17	60-89 17	400-499 0
>6.9 0	>6.8 17	>89 33	>499 17
AVG. 6.0	6.6	76	446
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 41					
CNT 0	0	0	4	0	0

PERRY County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 20	<6.1 20	<10 20	<100 20
5.0-5.4 0	6.1-6.2 0	10-19 40	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 0	6.5-6.6 0	30-59 0	200-399 60
6.5-6.9 20	6.7-6.8 20	60-89 0	400-499 0
>6.9 60	>6.8 60	>89 40	>499 20
AVG. 6.6	6.6	50	268
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 81					
CNT 0	0	0	3	0	0

PICKAWAY County Summary—FIELD CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT											
<5.0	0	<6.1	0	<10	1	<800	0	<150	0	<20	0	<3	0	<6	0	<10	5	<1	0			
5.0-5.4	3	6.1-6.2	2	10-19	24	100-149	11	800-1599	9	150-249	5	20-40	11	3-5	5	.6-1	14	10-15	30	1-2	0	
5.5-5.9	11	6.3-6.4	6	20-29	20	150-199	25	1600-2399	5	250-499	35	40-60	35	6-9	14	1.1-2	43	15-20	35	2-3	8	
6.0-6.4	27	6.5-6.6	14	30-59	30	200-399	58	2400-3999	49	500-699	27	60-80	41	10-14	32	2.1-3	30	20-30	24	3-5	65	
6.5-6.9	36	6.7-6.8	32	60-89	11	400-499	3	4000-8999	38	700-999	19	80-90	8	15-20	27	3.1-5	14	30-40	3	5-10	22	
>6.9	24	>6.8	46	>89	5	>499	2	>9000	5	>999	14	>90	5	>20	22	>5	0	>40	3	>10	5	
AVG.	6.6	6.8	6.6	35	236	4557	640	61.5	15.0	2.1	18.2	3	37	37	37	37	37	37	37	37	37	4.6
CNT	904	904	904	904	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37	37

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	.66	1.6	124.6	.30	0
CNT	8	8	4	1	0

PICKAWAY County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	23	6.3-6.4	8	150-199
6.0-6.4	0	6.5-6.6	15	200-399
6.5-6.9	8	6.7-6.8	0	400-499
>6.9	69	>6.8	77	>499
AVG.	7.0	6.9	87	380
CNT	13	13	13	13

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	8	1	170
CNT	0	0	8	1	1

PICKAWAY County Summary—TURF Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<100
5.0-5.4	0	6.1-6.2	0	100-149
5.5-5.9	3	6.3-6.4	0	150-199
6.0-6.4	7	6.5-6.6	0	200-399
6.5-6.9	17	6.7-6.8	21	400-499
>6.9	72	>6.8	79	>499
AVG.	7.3	6.9	73	399
CNT	29	29	29	29

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	26	0	0
CNT	0	0	26	0	0

PIKE County Summary—FIELD CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CEC PCT	CA/MG PCT											
<5.0	5	<6.1	5	<10	53	<100	14	<800	0	<150	0	<20	0	<3	0	<6	0	<10	50	<1	0	
5.0-5.4	19	6.1-6.2	10	10-19	21	100-149	29	800-1599	10	150-249	0	20-40	20	3-5	0	.6-1	10	10-15	50	1-2	50	
5.5-5.9	17	6.3-6.4	11	20-29	10	150-199	24	1600-2399	60	250-499	10	40-60	20	6-9	0	1.1-2	40	15-20	0	2-3	50	
6.0-6.4	28	6.5-6.6	20	30-59	7	200-399	29	2400-3999	30	500-699	60	60-80	60	10-14	0	2.1-3	30	20-30	0	3-5	0	
6.5-6.9	20	6.7-6.8	26	60-89	5	400-499	2	4000-8999	0	700-999	30	80-90	0	15-20	40	3.1-5	10	30-40	0	5-10	0	
>6.9	12	>6.8	27	>89	4	>499	3	>9000	0	>999	0	>90	0	>20	60	>5	10	>40	0	>10	0	
AVG.	6.1	6.6	6.6	20	187	2187	633	55.6	26.9	2.5	9.9	10	10	10	10	10	10	10	10	10	10	2.1
CNT	333	333	333	333	333	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	1.1	50.9	0	0
CNT	0	1	1	0	0

PIKE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 17	<100 17
5.0-5.4 0	6.1-6.2 0	10-19 17	100-149 0
5.5-5.9 17	6.3-6.4 0	20-29 0	150-199 17
6.0-6.4 33	6.5-6.6 33	30-59 17	200-399 17
6.5-6.9 23	6.7-6.8 33	60-89 17	400-499 0
>6.9 17	>6.8 33	>89 33	>499 50
AVG. 6.5	6.7	72	432
CNT 6	6	6	6

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			24		
CNT 0	0	0	5	0	0

PIKE County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0 25	<6.1 25	<10 25	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 25
5.5-5.9 0	6.3-6.4 25	20-29 0	150-199 0
6.0-6.4 27	6.5-6.6 0	30-59 0	200-399 50
6.5-6.9 0	6.7-6.8 0	60-89 25	400-499 0
>6.9 50	>6.8 50	>89 50	>499 25
AVG. 6.3	6.5	90	290
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			23		
CNT 0	0	0	4	0	0

PORTAGE County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 5	<6.1 8	<10 12	<100 11	< 800 2	<150 2	<20 7	< 3 2	<.6 0	<10 0	< 1 0
5.0-5.4 14	6.1-6.2 11	10-19 20	100-149 25	800-1599 7	150-249 21	20-40 38	3- 5 14	.6- 1 17	10-15 64	1- 2 0
5.5-5.9 18	6.3-6.4 14	20-29 17	150-199 26	1600-2399 45	250-499 52	40-60 48	6- 9 40	1.1- 2 38	15-20 31	2- 3 21
6.0-6.4 27	6.5-6.6 20	30-59 32	200-399 33	2400-3999 40	500-699 17	60-80 7	10-14 19	2.1- 3 24	20-30 2	3- 5 43
6.5-6.9 29	6.7-6.8 28	60-89 12	400-499 3	4000-8999 5	700-999 5	80-90 0	15-20 19	3.1- 5 19	30-40 2	5-10 36
>6.9 7	>6.8 19	>89 6	>499 2	>9000 0	>999 2	>90 0	>20 5	> 5 2	>40 0	>10 0
AVG. 6.1	6.6	37	200	2457	387	40.6	10.6	2.2	15.3	4.4
CNT 532	532	532	532	42	42	42	42	42	42	42

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 74	1.8	18.9			
CNT 7	7	8	0	0	0

PORTAGE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 7	<6.1 19	<10 1	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 11	< 1 0
5.0-5.4 7	6.1-6.2 7	10-19 12	100-149 12	900-1599 0	150-249 0	20-40 11	3- 5 0	.6- 1 0	10-15 78	1- 2 0
5.5-5.9 23	6.3-6.4 10	20-29 7	150-199 13	1600-2399 33	250-499 22	40-60 67	6- 9 0	1.1- 2 56	15-20 11	2- 3 89
6.0-6.4 29	6.5-6.6 19	30-59 13	200-399 37	2400-3999 22	500-699 67	60-80 22	10-14 0	2.1- 3 33	20-30 0	3- 5 11
6.5-6.9 16	6.7-6.8 21	60-89 13	400-499 7	4000-8999 44	700-999 11	80-90 0	15-20 56	3.1- 5 11	30-40 0	5-10 0
>6.9 17	>6.8 24	>89 55	>499 31	>9000 0	>999 0	>90 0	>20 44	> 5 0	>40 0	>10 0
AVG. 6.2	6.5	95	522	3744	588	51.6	21.1	2.1	11.9	2.5
CNT 86	86	86	86	18	9	9	9	9	9	9

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 91	1.6	9.9	45	11.4	223
CNT 4	4	4	56	9	9

PORTAGE County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CFC PCT	CA/MG PCT											
<5.0	3	<6.1	5	<10	17	<100	3	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	14	6.1-6.2	5	10-19	14	100-149	22	900-1599	0	150-249	0	20-40	0	3-5	0	.6-1	100	10-15	0	1-2	0
5.5-5.9	13	6.3-6.4	13	20-29	5	150-199	25	1600-2399	0	250-499	0	40-60	0	6-9	100	1.1-2	0	15-20	0	2-3	0
6.0-6.4	20	6.5-6.6	13	30-59	14	200-399	44	2400-3999	0	500-699	100	60-80	0	10-14	0	2.1-3	0	20-30	100	3-5	0
6.5-6.9	33	6.7-6.8	31	60-89	11	400-499	2	4000-8999	100	700-999	0	80-90	100	15-20	0	3.1-5	0	30-40	0	5-10	100
>6.9	17	>6.8	34	>89	39	>499	5	>9000	0	>999	0	>90	0	>20	0	>5	0	>40	0	>10	0
AVG.	6.3	6.7	6.7	70	232	7475	1	517	83.2	9.6	0.8	22.5	8.7								
CNT	64	64	64	64	64	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	19	1-4
20-39	1.1-2.0	6-9	30-59	60	4-7
40-59	2.1-4.0	9-16	60-149	10	7-10
60-120	4.1-9.9	16-99	150-249	5	10-20
>120	>9.9	>99	>250	6	>20
AVG.			65		
CNT	0	0	62	0	0

PREBLE County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CFC PCT	CA/MG PCT											
<5.0	0	<6.1	0	<10	10	<100	0	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	1	6.1-6.2	2	10-19	18	100-149	5	800-1599	0	150-249	2	20-40	2	3-5	0	.6-1	0	10-15	34	1-2	2
5.5-5.9	10	6.3-6.4	6	20-29	17	150-199	20	1600-2399	4	250-499	25	40-60	30	6-9	6	1.1-2	49	15-20	51	2-3	11
6.0-6.4	24	6.5-6.6	14	30-59	36	200-399	71	2400-3999	49	500-699	34	60-80	62	10-14	47	2.1-3	43	20-30	15	3-5	57
6.5-6.9	37	6.7-6.8	30	60-89	15	400-499	3	4000-8999	47	700-999	28	80-90	6	15-20	40	3.1-5	8	30-40	0	5-10	30
>6.9	27	>6.8	47	>89	5	>499	1	>9000	0	>999	11	>90	0	>20	13	>5	0	>40	0	>10	0
AVG.	6.6	6.8	6.8	40	252	4138	53	638	63.3	16.3	2.1	16.4	4.2								
CNT	614	614	614	614	614	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53	53

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	19	1-4
20-39	1.1-2.0	6-9	30-59	60	4-7
40-59	2.1-4.0	9-16	60-149	10	7-10
60-120	4.1-9.9	16-99	150-249	5	10-20
>120	>9.9	>99	>250	6	>20
AVG.			20.4		
CNT	4	3	4	0	0

PREBLE County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%CFC PCT	CA/MG PCT											
<5.0	0	<6.1	0	<10	20	<100	0	<800	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0
5.0-5.4	14	6.1-6.2	0	10-19	14	100-149	14	800-1599	0	150-249	0	20-40	0	3-5	0	.6-1	0	10-15	100	1-2	0
5.5-5.9	0	6.3-6.4	14	20-29	14	150-199	14	1600-2399	0	250-499	0	40-60	100	6-9	0	1.1-2	0	15-20	0	2-3	100
6.0-6.4	14	6.5-6.6	14	30-59	43	200-399	43	2400-3999	100	500-699	100	60-80	0	10-14	0	2.1-3	100	20-30	0	3-5	0
6.5-6.9	0	6.7-6.8	0	60-89	20	400-499	20	4000-8999	0	700-999	0	80-90	0	15-20	100	3.1-5	0	30-40	0	5-10	0
>6.9	71	>6.8	71	>89	29	>499	0	>9000	0	>999	0	>90	0	>20	0	>5	0	>40	0	>10	0
AVG.	7.0	6.8	6.8	68	298	2425	1	624	41.0	17.6	2.5	14.8	2.3								
CNT	7	7	7	7	7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	25	1-4
20-39	1.1-2.0	6-9	30-59	75	4-7
40-59	2.1-4.0	9-16	60-149	0	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			41		
CNT	0	0	4	0	0

PREBLE County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0
5.0-5.4	0	6.1-6.2	0
5.5-5.9	0	6.3-6.4	0
6.0-6.4	0	6.5-6.6	0
6.5-6.9	0	6.7-6.8	0
>6.9	100	>6.8	100
AVG.	7.3	7.0	57
CNT	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	0	<1
10-19	.6-1.0	3-6	10-29	0	1-4
20-39	1.1-2.0	6-9	30-59	67	4-7
40-59	2.1-4.0	9-16	60-149	33	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.			55		
CNT	0	0	3	0	0

PUTNAM County Summary—FIELD CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	2	<6.1	1	<10	4	<100	0	<150	0	<20	0	<3	0	<.6	0	<10	38	<1	0		
5.0-5.4	4	6.1-6.2	5	10-19	13	100-149	3	800-1599	38	150-249	38	20-40	38	3-5	0	.6-1	0	10-15	0	1-2	13
5.5-5.9	15	6.3-6.4	13	20-29	16	150-199	10	1600-2399	13	250-499	0	40-60	13	6-9	25	1.1-2	50	15-20	0	2-3	0
6.0-6.4	32	6.5-6.6	22	30-59	36	200-399	69	2400-3999	0	500-999	0	60-80	50	10-14	25	2.1-3	13	20-30	63	3-5	75
6.5-6.9	35	6.7-6.8	30	60-89	18	400-499	13	4000-8999	50	700-999	13	80-90	0	15-20	25	3.1-5	13	30-40	0	5-10	13
>6.9	12	>6.8	30	>89	13	>499	5	>9000	0	>999	50	>90	0	>20	25	>5	25	>40	0	>10	0
AVG.	6.3	6.7	6.7	49	315	4537	8	829	52.1	15.8	2.0	19.6	8	8	8	8	8	8	8	8	8
CNT	831	831	831	831	831	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	0	<0.6	0	<3	0
10-19	0	.6-1.0	0	3-6	0
20-39	50	1.1-2.0	50	6-9	0
40-59	50	2.1-4.0	0	9-16	50
60-120	0	4.1-9.9	50	16-99	50
>120	0	>9.9	0	>99	0
AVG.	37	2.6	19.7	0	0
CNT	2	2	2	0	0

PUTNAM County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<100	0
5.0-5.4	0	6.1-6.2	0	100-149	0
5.5-5.9	9	6.3-6.4	0	150-199	0
6.0-6.4	18	6.5-6.6	18	200-399	45
6.5-6.9	45	6.7-6.8	0	400-499	0
>6.9	27	>6.8	82	>499	55
AVG.	6.8	6.9	112	551	
CNT	11	11	11	11	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	0	<0.6	0	<3	0
10-19	0	.6-1.0	0	3-6	0
20-39	0	1.1-2.0	0	6-9	0
40-59	100	2.1-4.0	0	9-16	0
60-120	0	4.1-9.9	100	16-99	100
>120	0	>9.9	0	>99	0
AVG.	52	37.9	69	0	0
CNT	1	0	1	6	0

RICHLAND County Summary—FIELD CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	2	<6.1	2	<10	12	<100	4	<150	7	<20	7	<3	0	<.6	0	<10	0	<1	0		
5.0-5.4	11	6.1-6.2	9	10-19	25	100-149	25	800-1599	7	150-249	0	20-40	7	3-5	7	.6-1	7	10-15	36	1-2	0
5.5-5.9	19	6.3-6.4	14	20-29	20	150-199	32	1600-2399	0	250-499	21	40-60	7	6-9	14	1.1-2	86	15-20	14	2-3	14
6.0-6.4	78	6.5-6.6	20	30-59	29	200-399	36	2400-3999	29	500-999	36	60-80	43	10-14	57	2.1-3	7	20-30	36	3-5	50
6.5-6.9	29	6.7-6.8	31	60-89	9	400-499	2	4000-8999	50	700-999	29	80-90	29	15-20	14	3.1-5	0	30-40	7	5-10	29
>6.9	10	>6.8	24	>89	4	>499	1	>9000	7	>999	7	>90	7	>20	7	>5	0	>40	7	>10	7
AVG.	6.2	6.6	34	202	5624	615	14	14	65.0	13.1	1.5	20.4	14	14	14	14	14	14	14	14	14
CNT	664	664	664	664	664	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	0	<0.6	0	<3	0
10-19	0	.6-1.0	0	3-6	0
20-39	33	1.1-2.0	100	6-9	0
40-59	33	2.1-4.0	0	9-16	67
60-120	33	4.1-9.9	0	16-99	33
>120	0	>9.9	0	>99	0
AVG.	47	1.5	13.5	0	0
CNT	3	1	3	0	0

RICHLAND County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	
<5.0	6	<6.1	8	<100	2
5.0-5.4	10	6.1-6.2	12	100-149	0
5.5-5.9	15	6.3-6.4	13	150-199	23
6.0-6.4	13	6.5-6.6	13	200-399	48
6.5-6.9	23	6.7-6.8	17	400-499	12
>6.9	33	>6.8	37	>499	15
AVG.	6.5	6.6	80	504	
CNT	52	52	52	52	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	0	<0.6	0	<3	0
10-19	0	.6-1.0	0	3-6	0
20-39	0	1.1-2.0	0	6-9	0
40-59	0	2.1-4.0	0	9-16	0
60-120	0	4.1-9.9	0	16-99	0
>120	0	>9.9	0	>99	0
AVG.	31	0	0	0	0
CNT	0	0	0	37	0

RICHLAND County Summary—TURF Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 0	<10 16	<100 3
5.0-5.4 6	6.1-6.2 3	10-19 9	100-149 9
5.5-5.9 22	6.3-6.4 22	20-29 6	150-199 28
6.0-6.4 22	6.5-6.6 22	30-39 25	200-399 56
6.5-6.9 9	6.7-6.8 9	60-89 25	400-499 3
>6.9 38	>6.8 44	>89 19	>499 0
AVG. 6.5	6.7	54	241
CNT 32	32	32	32

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			31		
CNT	0	0	25	0	0

ROSS County Summary—FIELD CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 23	<100 2	< 800 0	<150 0	<20 0	< 3 0	<6.6 0	<10 5	< 1 0
5.0-5.4 7	6.1-6.2 2	10-19 29	100-149 15	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 50	1- 2 0
5.5-5.9 12	6.3-6.4 8	20-29 17	150-199 37	1600-2399 5	250-499 14	40-60 9	6- 9 5	1.1- 2 59	15-20 23	2- 3 36
6.0-6.4 25	6.5-6.6 14	30-39 21	200-399 43	2400-3999 45	500-699 27	60-80 59	10-14 23	2.1- 3 23	20-30 23	3- 5 36
6.5-6.9 31	6.7-6.8 29	60-89 7	400-499 2	4000-8999 50	700-999 45	80-90 37	15-20 27	3.1- 5 14	30-40 0	5-10 27
>6.9 23	>6.8 46	>89 27	>499 1	>9000 0	>999 14	>90 0	>20 45	> 5 5	>40 0	>10 0
AVG. 6.5	6.8	2	210	4782	705	72.9	19.4	2.3	16.0	4.4
CNT 508	508	508	508	22	27	22	22	22	22	22

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6 0	< 3	< 10	< 1	< 20
10- 19	.6-1.0 0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0 100	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0 0	9-16	60-149	7-10	150-500
60-120	4.1-9.9 0	16-99	150-249	10-20	500-999
>120	>9.9 0	>99	>250	>20	>999
AVG.	1.3				
CNT	0	2	0	0	0

ROSS County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 13	100-149 0
5.5-5.9 13	6.3-6.4 25	20-29 0	150-199 0
6.0-6.4 13	6.5-6.6 0	30-39 0	200-399 50
6.5-6.9 13	6.7-6.8 0	60-89 50	400-499 25
>6.9 63	>6.8 75	>89 38	>499 25
AVG. 6.9	6.8	86	498
CNT 8	8	8	8

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			36		
CNT	0	0	8	0	0

ROSS County Summary—TURF Samples

ALL PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<6.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 11	100-149 11	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 0	6.3-6.4 11	20-29 0	150-199 0	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 33	15-20 100	2- 3 0
6.0-6.4 11	6.5-6.6 0	30-39 33	200-399 67	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1- 3 33	20-30 0	3- 5 100
6.5-6.9 11	6.7-6.8 0	60-89 33	400-499 22	4000-8999 100	700-999 100	80-90 0	15-20 100	3.1- 5 33	30-40 0	5-10 0
>6.9 78	>6.8 89	>89 22	>499 0	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 7.1	6.9	80	300	5042	763	75.1	19.0	2.8	16.7	3.9
CNT 9	9	9	9	3	3	3	3	3	3	3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ΣOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			30		
CNT	0	0	5	0	0

SANDUSKY County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 1	<6.1 0	<10 5	<100 1	< 800 0	<150 0	<20 0	< 3 2	<.6 0	<10 13	< 1 4
5.0-5.4 2	6.1-6.2 1	10-19 11	100-149 8	800-1599 6	150-249 2	20-40 2	3- 5 0	.6- 1 4	10-15 15	1- 2 4
5.5-5.9 3	6.3-6.4 1	20-29 15	150-199 16	1600-2399 11	250-499 20	40-60 24	6- 9 2	1.1- 2 61	15-20 24	2- 3 41
6.0-6.4 16	6.5-6.6 10	30-59 34	200-399 62	2400-3999 17	500-999 11	60-80 70	10-14 9	2.1- 3 24	20-30 43	3- 5 43
6.5-6.9 37	6.7-6.8 24	60-89 21	400-499 9	4000-8999 64	700-999 17	80-90 2	15-20 37	3.1- 5 9	30-40 2	5-10 4
>6.9 42	>6.8 62	>89 14	>499 4	>9000 2	>999 50	>90 2	>20 50	> 5 2	>40 2	>10 2
AVG. 6.8	6.9	52	275	4965	1036	64.6	21.9	2.1	19.5	3.9
CNT 683	683	683	683	47	46	46	46	46	46	46

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 3	< 3 3	< 10 6	< 1 0	< 20 100
10- 19 30	.6-1.0 9	3-6 0	10- 29 100	1- 4 100	20- 79 0
20- 39 55	1.1-2.0 51	6- 9 2	30-59 0	4- 7 0	80-149 0
40- 59 5	2.1-4.0 34	9-16 25	60-149 0	7-10 0	150-500 0
60-120 9	4.1-9.9 3	16-99 65	150-249 0	10-20 0	500-999 0
>120 2	>9.9 0	>99 2	>250 0	>20 0	>999 0
AVG. 31	1.8	26.7	24	3.0	3
CNT 64	35	48	1	1	1

SANDUSKY County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 3	<100 0	< 800 7	<150 0	<20 0	< 3 0	<.6 0	<10 36	< 1 0
5.0-5.4 3	6.1-6.2 3	10-19 3	100-149 0	800-1599 20	150-249 36	20-40 18	3- 5 9	.6- 1 9	10-15 45	1- 2 0
5.5-5.9 3	6.3-6.4 0	20-29 3	150-199 14	1600-2399 0	250-499 18	40-60 0	6- 9 9	1.1- 2 9	15-20 9	2- 3 45
6.0-6.4 11	6.5-6.6 0	30-59 19	200-399 54	2400-3999 27	500-999 9	60-80 45	10-14 27	2.1- 3 45	20-30 9	3- 5 18
6.5-6.9 32	6.7-6.8 19	60-89 22	400-499 8	4000-8999 33	700-999 36	80-90 27	15-20 9	3.1- 5 18	30-40 0	5-10 19
>6.9 51	>6.8 78	>89 51	>499 24	>9000 13	>999 0	>90 2	>20 45	> 5 18	>40 0	>10 19
AVG. 7.0	6.9	132	519	4990	467	69.8	18.5	3.3	11.3	5.9
CNT 37	37	37	37	15	11	11	11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 75
10- 19 0	.6-1.0 0	3-6 0	10- 29 13	1- 4 0	20- 79 0
20- 39 67	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 33	2.1-4.0 100	9-16 33	60-149 6	7-10 50	150-500 0
60-120 0	4.1-9.9 0	16-99 67	150-249 6	10-20 50	500-999 25
>120 0	>9.9 0	>99 0	>250 25	>20 0	>999 0
AVG. 41	2.7	32.2	163	10.7	200
CNT 3	1	3	16	4	4

SANDUSKY County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 5	100-149 5
5.5-5.9 5	6.3-6.4 0	20-29 18	150-199 5
6.0-6.4 14	6.5-6.6 18	30-59 32	200-399 82
6.5-6.9 23	6.7-6.8 0	60-89 18	400-499 5
>6.9 59	>6.8 82	>89 27	>499 5
AVG. 7.0	6.9	70	315
CNT 22	22	22	22

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 50	.6-1.0 0	3-6 0	10- 29 13	1- 4 0	20- 79 0
20- 39 40	1.1-2.0 0	6- 9 0	30-59 40	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 10	>20 0	>999 0
AVG. 182					
CNT 0	0	0	20	0	0

SCIOTO County Summary—FIELD CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 3	<6.1 4	<10 36	<100 5	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 83	< 1 0
5.0-5.4 18	6.1-6.2 9	10-19 18	100-149 20	800-1599 5	150-249 18	20-40 2	3- 5 0	.6- 1 0	10-15 16	1- 2 0
5.5-5.9 18	6.3-6.4 14	20-29 9	150-199 20	1600-2399 49	250-499 72	40 60 11	6- 9 5	1.1- 2 5	15-20 0	2- 3 15
6.0-6.4 22	6.5-6.6 18	30-59 18	200-399 45	2400-3999 44	500-999 9	60-80 71	10-14 31	2.1- 3 16	20-30 1	3- 5 53
6.5-6.9 26	6.7-6.8 20	60-89 9	400-499 6	4000-8999 2	700-999 0	80-90 15	15-20 45	3.1- 5 37	30-40 0	5-10 32
>6.9 13	>6.8 35	>89 10	>499 4	>9000 0	>999 0	>90 0	>20 20	> 5 43	>40 0	>10 0
AVG. 6.1	6.6	33	241	2416	345	70.6	17.0	5.0	8.7	4.4
CNT 411	411	411	411	87	87	87	87	87	87	87

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 8	.6-1.0 17	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 58	1.1-2.0 83	6- 9 33	30-59 33	4- 7 0	80-149 0
40- 59 33	2.1-4.0 0	9-16 33	60-149 0	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 33	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 1.4	1.4	17.4	0	0	0
CNT 12	12	12	0	0	0

SCIOTO County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 7	<100 2	< 800 0	<150 2	<20 0	< 3 2	<.6 0	<10 44	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 5	100-149 7	800-1599 0	150-249 6	20-40 2	3- 5 0	.6- 1 0	10-15 48	1- 2 0
5.5-5.9 13	6.3-6.4 5	20-29 3	150-199 6	1600-2399 19	250-499 61	40-60 18	6- 9 5	1.1- 2 5	15-20 8	2- 3 11
6.0-6.4 12	6.5-6.6 8	30-59 27	200-399 52	2400-3999 64	600-699 24	60-80 64	10 14 18	2.1- 3 29	20-30 0	3- 5 62
6.5-6.9 46	6.7-6.8 19	60-89 21	400-499 14	4000-8999 17	700-999 8	80-90 17	15-20 61	3.1- 5 44	30-40 0	5-10 26
>6.9 26	>6.8 67	>89 37	>499 19	>9000 0	>999 0	>90 0	>20 15	> 5 23	>40 0	>10 2
AVG. 6.6	6.9	81	390	3256	436	69.1	17.0	4.2	10.8	4.6
CNT 108	108	108	108	78	66	66	66	66	66	66

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 4	3-6 24	10- 29 41	1- 4 25	20- 79 83
20- 39 56	1.1-2.0 92	6- 9 8	30-59 41	4- 7 25	80-149 17
40- 59 16	2.1-4.0 4	9-16 48	60-149 14	7-10 42	150-500 0
60-120 28	4.1-9.9 0	16-99 20	150-249 0	10-20 8	500-999 0
>120 0	>9.9 0	>99 0	>250 3	>20 0	>999 0
AVG. 46	1.5	11.8	51	6.5	45
CNT 25	25	25	29	12	12

SCIOTO County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 14	<6.1 0	<10 29	<100 21
5.0-5.4 0	6.1-6.2 7	10-19 7	100-149 0
5.5-5.9 14	6.3-6.4 7	20-29 14	150-199 36
6.0-6.4 29	6.5-6.6 14	30-59 14	200-399 43
6.5-6.9 7	6.7-6.8 14	60-89 21	400-499 0
>6.9 36	>6.8 57	>89 14	>499 0
AVG. 6.3	6.8	46	197
CNT 14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 86	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 7	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 7	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	27	0	0
CNT 0	0	0	14	0	0

SENECA County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 1	<6.1 1	<10 7	<100 1	< 800 0	<150 0	<20 2	< 3 0	<.6 2	<10 15	< 1 0
5.0-5.4 5	6.1-6.2 3	10-19 23	100-149 13	800-1599 5	150-249 2	20-40 11	3- 5 0	.6- 1 6	10-15 32	1- 2 5
5.5-5.9 11	6.3-6.4 6	20-29 19	150-199 30	1600-2399 11	250-499 29	40-60 16	6- 9 16	1.1- 2 47	15-20 19	2- 3 37
6.0-6.4 23	6.5-6.6 12	30-59 33	200-399 52	2400-3999 35	500-699 18	60-80 63	10-14 18	2.1- 3 27	20-30 31	3- 5 44
6.5-6.9 34	6.7-6.8 28	60-89 12	400-499 2	4000-8999 48	700-999 27	80-90 5	15-20 23	3.1- 5 16	30-40 3	5-10 11
>6.9 27	>6.8 51	>89 6	>499 1	>9000 0	>999 24	>90 3	>20 44	> 5 2	>40 0	>10 3
AVG. 6.5	6.8	37	224	4257	738	62.9	19.5	2.1	17.1	3.7
CNT 1499	1499	1499	1499	62	62	62	62	62	62	62

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 16	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 28	.6-1.0 0	3-6 0	10- 29 25	1- 4 0	20- 79 0
20- 39 32	1.1-2.0 42	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 12	2.1-4.0 50	9-16 23	60-149 0	7-10 0	150-500 0
60-120 8	4.1-9.9 8	16-99 77	150-249 0	10-20 0	500-999 0
>120 4	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 32	2.2	26.3	0	0	0
CNT 25	12	13	0	0	0

SENECA County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 6	<100 6
5.0-5.4 0	6.1-6.2 0	10-19 18	100-149 6
5.5-5.9 6	6.3-6.4 0	20-29 0	150-199 12
6.0-6.4 0	6.5-6.6 6	30-59 18	200-399 47
6.5-6.9 41	6.7-6.8 12	60-89 6	400-499 12
>6.9 53	>6.8 82	>89 53	>499 18
AVG. 7.0	6.9	85	360
CNT 17	17	17	17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 25	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 25	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	54	0	0
CNT 0	0	0	8	0	0

SENECA County Summary—TURF Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<10
5.0-5.4	0	6.1-6.2	0	10-19
5.5-5.9	5	6.3-6.4	5	20-29
6.0-6.4	11	6.5-6.6	5	30-59
6.5-6.9	5	6.7-6.8	0	60-89
>6.9	79	>6.8	89	>89
AVG.	7.2	6.9	72	378
CNT	19	19	19	19

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			40		
CNT	0	0	16	0	0

SHELBY County Summary—FIELD CROP Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	KA PCT	SMG PCT	SK PCT	CEC PCT	CA/MG PCT										
<5.0	0	<6.1	0	<10	9	<100	0	< 800	0	<150	0	<20	0	< 3	0	<.6	0	<10	0	< 1	0
5.0-5.4	2	6.1-6.2	1	10-19	26	100-149	8	800-1599	0	150-249	0	20-40	0	3- 5	0	.6- 1	0	10-15	17	1- 2	0
5.5-5.9	14	6.3-6.4	8	20-29	24	150-199	24	1600-2399	0	250-499	0	40-60	17	6- 9	0	1.1- 2	67	15-20	83	2- 3	83
6.0-6.4	33	6.5-6.6	24	30-59	31	200-399	64	2400-3999	33	500-699	17	60-80	83	10-14	0	2.1- 3	17	20-30	0	3- 5	17
6.5-6.9	41	6.7-6.8	39	60-89	8	400-499	3	4000-8999	67	700-999	17	80-90	0	15-20	17	3.1- 5	17	30-40	0	5-10	0
>6.9	10	>6.8	28	>89	2	>499	1	>9000	0	>999	67	>90	0	>20	83	> 5	0	>40	0	>10	0
AVG.	6.4	6.7	31	239	4252	1028	66.4	26.4	2.2	16.0	2.5										
CNT	876	876	876	876	6	6	6	6	6	6	6										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	50	1.2	16.2		
CNT	2	5	2	0	0

SHELBY County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<10
5.0-5.4	0	6.1-6.2	0	10-19
5.5-5.9	0	6.3-6.4	0	20-29
6.0-6.4	0	6.5-6.6	0	30-59
6.5-6.9	50	6.7-6.8	0	60-89
>6.9	50	>6.8	100	>89
AVG.	7.0	6.9	129	682
CNT	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			46		
CNT	0	0	2	0	0

SHELBY County Summary—TURF Samples

ALL	PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0	0	<6.1	0	<10
5.0-5.4	0	6.1-6.2	0	10-19
5.5-5.9	0	6.3-6.4	0	20-29
6.0-6.4	0	6.5-6.6	11	30-59
6.5-6.9	44	6.7-6.8	0	60-89
>6.9	56	>6.8	89	>89
AVG.	7.2	6.9	28	236
CNT	9	9	9	9

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.			37		
CNT	0	0	7	0	0

STARK County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 2	<10 2	<100 2	< 800 0	<150 1	<20 5	< 3 1	<.6 1	<10 15	< 1 0
5.0-5.4 6	6.1-6.2 4	10-19 17	100-149 24	800-1599 5	150-249 10	20-40 12	3- 5 3	.6- 1 5	10-15 74	1- 2 4
5.5-5.9 15	6.3-6.4 8	20-39 20	150-199 30	1600-2399 36	250-499 63	40-60 47	6- 9 15	1.1- 2 15	15-20 10	2- 3 17
6.0-6.4 27	6.5-6.6 18	30-59 41	200-399 35	2400-3999 56	500-699 23	60-80 33	10-14 29	2.1- 3 32	20-30 0	3- 5 63
6.5-6.9 37	6.7-6.8 39	60-89 14	400-499 2	4000-8999 3	700-999 3	80-90 3	15-20 38	3.1- 5 33	30-40 0	5-10 17
>6.9 12	>6.8 29	>89 6	>499 3	>9000 0	>999 0	>90 0	>20 13	> 5 13	>40 0	>10 0
AVG. 6.3	6.7	43	214	2513	409	53.6	14.7	3.3	12.2	4.0
CNT 624	624	624	624	78	78	78	78	78	78	78

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 20	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 50	60-149 0	7-10 150-500	150-500 0
60-120 80	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 50	>250 0	>20 0	>999 0
AVG. 63	1.4	436.8	0	0	0
CNT 5	2	2	0	0	0

STARK County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 20	<10 1	<100 1	< 800 0	<150 0	<20 10	< 3 0	<.6 10	<10 0	< 1 0
5.0-5.4 4	6.1-6.2 10	10-19 9	100-149 4	800-1599 8	150-249 10	20-40 10	3- 5 10	.6- 1 40	10-15 0	1- 2 0
5.5-5.9 20	6.3-6.4 4	20-39 4	150-199 6	1600-2399 8	250-499 0	40-60 50	6- 9 50	1.1- 2 50	15-20 20	2- 3 10
6.0-6.4 30	6.5-6.6 19	30-59 7	200-399 44	2400-3999 23	500-699 10	60-80 30	10-14 30	2.1- 3 0	20-30 0	3- 5 30
6.5-6.9 27	6.7-6.8 27	60-89 23	400-499 10	4000-8999 8	700-999 10	80-90 0	15-20 10	3.1- 5 0	30-40 10	5-10 60
>6.9 14	>6.8 20	>89 56	>499 34	>9000 54	>999 70	>90 0	>20 0	> 5 0	>40 70	>10 0
AVG. 6.2	6.5	105	478	9454	1230	50.3	10.2	1.1	51.6	5.1
CNT 70	70	70	70	13	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 50	<0.6 86	< 3 0	< 10 0	< 1 67	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 38	1- 4 0	20- 79 0
20- 39 50	1.1-2.0 0	6- 9 0	30-59 46	4- 7 33	80-149 67
40- 59 0	2.1-4.0 0	9-16 0	60-149 13	7-10 0	150-500 33
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 0	500-999 0
>120 0	>9.9 14	>99 0	>250 0	>20 0	>999 0
AVG. 15	0.9	43	1.0	128	3
CNT 4	7	0	52	3	3

STARK County Summary—TURF Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 5	<10 2	<100 0	< 800 0	<150 0	<20 100	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 13	6.1-6.2 9	10-19 8	100-149 10	800-1599 100	150-249 100	20-40 0	3- 5 100	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 22	6.3-6.4 17	20-39 13	150-199 17	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 100	15-20 0	2- 3 100
6.0-6.4 32	6.5-6.6 21	30-59 21	200-399 63	2400-3999 0	500-699 0	60-80 0	10-14 0	2.1- 3 0	20-30 100	3- 5 0
6.5-6.9 11	6.7-6.8 23	60-89 21	400-499 4	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 11	>6.8 25	>89 36	>499 5	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.2	6.6	78	271	860	204	10.4	4.1	1.5	20.6	2.0
CNT 92	92	92	92	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 57	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 35	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 8	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	32	0	0
CNT 0	0	0	86	0	0

SUMMIT County Summary—FIELD CROP Samples

ALL PH PCT	LTJ PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 10	<6.1 2	<10 13	<100 18	< 800 20	<150 20	<20 20	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 10	6.1-6.2 4	10-19 17	100-149 28	800-1599 20	150-249 20	20-40 40	3- 5 40	.6- 1 20	10-15 80	1- 2 20
5.5-5.9 12	6.3-6.4 10	20-39 13	150-199 23	1600-2399 0	250-499 60	40-60 20	6- 9 20	1.1- 2 40	15-20 20	2- 3 20
6.0-6.4 34	6.5-6.6 20	30-59 34	200-399 24	2400-3999 60	500-699 0	60-80 20	10-14 40	2.1- 3 0	20-30 0	3- 5 20
6.5-6.9 27	6.7-6.8 30	60-89 11	400-499 4	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1- 5 40	30-40 0	5-10 20
>6.9 16	>6.8 33	>89 11	>499 2	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 20
AVG. 6.3	6.7	47	186	2090	269	40.3	8.3	2.3	13.6	6.4
CNT 90	90	90	90	5	5	5	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 100	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 0	4- 7 80-149	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 150-500	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0.0	0	0	0	0
CNT 0	3	0	0	0	0

SUMMIT County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	Mg LB/A PCT	%CA PCT	%Mg PCT	%K PCT	CEC PCT	CA/Mg PCT
<5.0 5	<6.1 16	<10 5	<100 3	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 11	6.1-6.2 5	10-19 14	100-149 15	800-1599 10	150-249 0	20-40 0	3-5 0	.6-1 0	10-15 20	1-2 0
5.5-5.9 20	6.3-6.4 9	20-39 10	150-199 20	1600-2399 0	250-499 0	40-60 80	6-9 40	1.1-2 80	15-20 0	2-3 0
6.0-6.4 20	6.5-6.6 19	30-59 12	200-399 31	2400-3999 10	500-699 20	60-80 20	10-14 40	2.1-3 0	20-30 0	3-5 20
6.5-6.9 15	6.7-6.8 16	60-89 16	400-499 6	4000-8999 40	700-999 0	80-90 0	15-20 20	3.1-5 20	30-40 0	5-10 80
>6.9 29	>6.8 35	>89 43	>499 25	>9000 40	>999 80	>90 0	>20 0	>5 0	>40 80	>10 0
AVG. 6.3	6.5	80	385	8922	1393	58.0	10.8	2.2	60.4	5.8
CNT 171	171	171	171	10	5	5	5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10 75	<0.6 0	<3 0	<10 0	<1 70	<20 0
10-19 25	.6-1.0 0	3-6 0	10-29 22	1-4 0	20-79 0
20-39 0	1.1-2.0 0	6-9 0	30-59 53	4-7 20	80-149 40
40-59 0	2.1-4.0 0	9-16 0	60-149 16	7-10 0	150-500 70
60-120 0	4.1-9.9 0	16-99 100	150-249 3	10-20 40	500-999 0
>120 0	>9.9 100	>99 0	>250 6	>20 20	>999 40
AVG. 8	13.1	43.1	64	17.4	599
CNT 4	4	4	32	5	5

SUMMIT County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	Mg LB/A PCT	%CA PCT	%Mg PCT	%K PCT	CEC PCT	CA/Mg PCT
<5.0 6	<6.1 8	<10 7	<100 6	<800 0	<150 0	<20 0	<3 0	<.6 0	<10 0	<1 0
5.0-5.4 8	6.1-6.2 6	10-19 9	100-149 24	800-1599 0	150-249 0	20-40 0	3-5 0	.6-1 0	10-15 0	1-2 0
5.5-5.9 18	6.3-6.4 19	20-39 7	150-199 28	1600-2399 0	250-499 100	40-60 100	6-9 0	1.1-2 100	15-20 100	2-3 0
6.0-6.4 25	6.5-6.6 19	30-59 27	200-399 38	2400-3999 100	500-699 0	60-80 0	10-14 100	2.1-3 0	20-30 0	3-5 100
6.5-6.9 20	6.7-6.8 21	60-89 16	400-499 2	4000-8999 0	700-999 0	80-90 0	15-20 0	3.1-5 0	30-40 0	5-10 0
>6.9 23	>6.8 28	>89 34	>499 2	>9000 0	>999 0	>90 0	>20 0	>5 0	>40 0	>10 0
AVG. 6.3	6.6	71	215	3565	450	49.0	10.3	1.1	18.2	4.8
CNT 181	181	181	181	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 51	1-4 0	20-79 0
20-39 33	1.1-2.0 100	6-9 0	30-59 35	4-7 80	80-149 0
40-59 23	2.1-4.0 0	9-16 0	60-149 14	7-10 150	150-500 0
60-120 33	4.1-9.9 0	16-99 0	150-249 0	10-20 500	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 50	1.5	42	34	0	0
CNT 0	0	0	37	0	0

TRUMBULL County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	Mg LB/A PCT	%CA PCT	%Mg PCT	%K PCT	CEC PCT	CA/Mg PCT
<5.0 8	<6.1 15	<10 13	<100 9	<800 0	<150 6	<20 0	<3 0	<.6 0	<10 11	<1 0
5.0-5.4 15	6.1-6.2 10	10-19 25	100-149 28	800-1599 11	150-249 6	20-40 78	3-5 6	.6-1 17	10-15 56	1-2 0
5.5-5.9 21	6.3-6.4 17	20-39 17	150-199 25	1600-2399 22	250-499 56	40-60 78	6-9 6	1.1-2 50	15-20 28	2-3 33
6.0-6.4 29	6.5-6.6 25	30-59 29	200-399 34	2400-3999 61	500-699 22	60-80 44	10-14 56	2.1-3 33	20-30 0	3-5 50
6.5-6.9 25	6.7-6.8 22	60-89 13	400-499 2	4000-8999 6	700-999 6	80-90 0	15-20 17	3.1-5 0	30-40 6	5-10 11
>6.9 2	>6.8 11	>89 4	>499 2	>9000 0	>999 6	>90 0	>20 17	>5 0	>40 0	>10 6
AVG. 6.0	6.5	34	198	2897	497	51.4	14.1	1.8	14.6	4.0
CNT 526	526	526	526	18	18	18	18	18	18	18

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 0	1-4 0	20-79 0
20-39 33	1.1-2.0 100	6-9 0	30-59 100	4-7 80	80-149 0
40-59 33	2.1-4.0 0	9-16 0	60-149 0	7-10 150	150-500 0
60-120 33	4.1-9.9 0	16-99 0	150-249 0	10-20 500	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 50	1.5	42	34	0	0
CNT 3	2	0	1	0	0

TRUMBULL County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 17	<6.1 19	<10 15	<100 2
5.0-5.4 15	6.1-6.2 6	10-19 17	100-149 17
5.5-5.9 11	6.3-6.4 15	20-39 6	150-199 17
6.0-6.4 13	6.5-6.6 9	30-59 17	200-399 34
6.5-6.9 17	6.7-6.8 15	60-89 6	400-499 2
>6.9 26	>6.8 36	>89 40	>499 28
AVG. 6.1	6.6	70	409
CNT 53	53	53	53

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
<10 0	<0.6 0	<3 0	<10 0	<1 0	<20 0
10-19 0	.6-1.0 0	3-6 0	10-29 28	1-4 0	20-79 0
20-39 0	1.1-2.0 0	6-9 0	30-59 44	4-7 80	80-149 0
40-59 0	2.1-4.0 0	9-16 0	60-149 22	7-10 150	150-500 0
60-120 0	4.1-9.9 0	16-99 0	150-249 3	10-20 500	500-999 0
>120 0	>9.9 0	>99 0	>250 3	>20 0	>999 0
AVG. 55	0	0	36	0	0
CNT 0	0	0	36	0	0

TRUMBULL County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 16	<6.1 21	<10 22	<100 9
5.0-5.4 12	6.1-6.2 6	10-19 19	100-149 24
5.5-5.9 18	6.3-6.4 6	20-39 9	150-199 28
6.0-6.4 21	6.5-6.6 18	30-59 16	200-399 30
6.5-6.9 12	6.7-6.8 21	60-89 16	400-499 6
>6.9 21	>6.8 28	>89 16	>499 3
AVG. 6.0	6.5	44	208
CNT 67	67	67	67

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	43	20- 79
20- 39	1.1-2.0	6- 9	30-59	48	80-149
40- 59	2.1-4.0	9-16	60-149	8	150-500
60-120	4.1-9.9	16-99	150-249	2	500-999
>120	>9.9	>99	>250	0	>999
AVG.				39	
CNT	0	0	0	63	0

TUSCARAWAS County Summary—FIELD CROP Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 5	<10 16	<100 6	< 800 3	<150 6	<20 6	< 3 0	<.6 0	<10 12	< 1 0
5.0-5.4 11	6.1-6.2 6	10-19 23	100-149 24	800-1599 9	150-249 24	20-40 9	3- 5 9	.6- 1 0	10-15 79	1- 2 0
5.5-5.9 17	6.3-6.4 10	20-39 19	150-199 27	1600-2399 18	250-499 33	40-60 36	6- 9 30	1.1- 2 48	15-20 9	2- 3 30
6.0-6.4 27	6.5-6.6 19	30-59 28	200-399 38	2400-3999 58	500-699 24	60-80 33	10-14 9	2.1- 3 24	20-30 0	3- 5 39
6.5-6.9 29	6.7-6.8 33	60-89 10	400-499 3	4000-8999 12	700-999 12	80-90 9	15-20 30	3.1- 5 74	30-40 0	5-10 21
>6.9 12	>6.8 27	>89 5	>499 2	>9000 0	>999 0	>90 6	>20 21	> 5 3	>40 0	>10 9
AVG. 6.2	6.7	34	208	2811	421	58.2	14.4	2.5	12.2	5.0
CNT 1304	1304	1304	1304	33	33	33	33	33	33	33

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	121	13.8			
CNT	8	5	9	0	0

TUSCARAWAS County Summary—HORTICULTURAL CROP Sample

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 3	<6.1 6	<10 0	<100 3
5.0-5.4 9	6.1-6.2 9	10-19 9	100-149 12
5.5-5.9 15	6.3-6.4 18	20-39 3	150-199 15
6.0-6.4 18	6.5-6.6 9	30-59 12	200-399 32
6.5-6.9 29	6.7-6.8 21	60-89 12	400-499 15
>6.9 26	>6.8 38	>89 65	>499 24
AVG. 6.4	6.7	112	440
CNT 34	34	34	34

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	50	20- 79
20- 39	1.1-2.0	6- 9	30-59	75	80-149
40- 59	2.1-4.0	9-16	60-149	19	150-500
60-120	4.1-9.9	16-99	150-249	6	500-999
>120	>9.9	>99	>250	0	>999
AVG.				45	
CNT	0	0	0	16	0

TUSCARAWAS County Summary—TURF Samples

ALL PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 10	<100 13
5.0-5.4 23	6.1-6.2 5	10-19 15	100-149 13
5.5-5.9 13	6.3-6.4 5	20-39 3	150-199 31
6.0-6.4 8	6.5-6.6 26	30-59 23	200-399 36
6.5-6.9 44	6.7-6.8 28	60-89 13	400-499 5
>6.9 13	>6.8 36	>89 36	>499 3
AVG. 6.3	6.7	67	212
CNT 39	39	39	39

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOI SALT PCT	COM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	0	< 20
10- 19	.6-1.0	3-6	10- 29	41	20- 79
20- 39	1.1-2.0	6- 9	30-59	55	80-149
40- 59	2.1-4.0	9-16	60-149	3	150-500
60-120	4.1-9.9	16-99	150-249	0	500-999
>120	>9.9	>99	>250	0	>999
AVG.				32	
CNT	0	0	0	29	0

UNION County Summary—FIELD CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%C PCT	CA/MG PCT										
<5.0	2	<6.1	1	<10	13	<100	1	<150	9	<20	9	<3	2	<.6	8	<10	25	<1	6		
5.0-5.4	4	6.1-6.2	2	10-19	24	100-149	6	800-1599	6	150-249	4	20-40	8	3-5	8	.6-1	15	10-15	23	1-2	0
5.5-5.9	13	6.3-6.4	8	20-29	20	150-199	22	1600-2399	8	250-499	30	40-60	30	6-9	6	1.1-2	34	15-20	19	2-3	26
6.0-6.4	33	6.5-6.6	22	30-59	32	200-399	65	2400-3999	40	500-699	13	60-80	36	10-14	25	2.1-3	20	20-30	21	3-5	43
6.5-6.9	32	6.7-6.8	34	60-89	8	400-499	4	4000-8999	26	700-999	15	80-90	15	15-20	40	3.1-5	11	30-40	4	5-10	23
>6.9	15	>6.8	33	>89	2	>499	2	>9000	11	>999	28	>90	2	>20	21	>5	2	>40	9	>10	2
AVG.	6.4	6.7	31	253	5052	827	53	59.1	17.5	1.9	20.3	4.0									
CNT	678	678	678	678	678	678	678	678	678	678	678	678									

UNION County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	10	<10	10
5.0-5.4	0	6.1-6.2	10	10-19	30
5.5-5.9	10	6.3-6.4	0	20-29	10
6.0-6.4	20	6.5-6.6	10	30-59	0
6.5-6.9	10	6.7-6.8	0	60-89	0
>6.9	60	>6.8	70	>89	50
AVG.	6.9	6.7	89	586	
CNT	10	10	10	10	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	60	1.0	50
CNT	0	0	3	1	1

UNION County Summary—TURF Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<10	33
5.0-5.4	0	6.1-6.2	0	10-19	17
5.5-5.9	17	6.3-6.4	0	20-29	0
6.0-6.4	33	6.5-6.6	33	30-59	33
6.5-6.9	0	6.7-6.8	33	60-89	17
>6.9	50	>6.8	33	>89	0
AVG.	6.6	6.8	32	179	
CNT	6	6	6	6	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	0	0	30	0	0
CNT	0	0	4	0	0

VAN WERT County Summary—FIELD CROP Samples

ALL	PH PCT	LTN PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	%C PCT	CA/MG PCT										
<5.0	0	<6.1	0	<10	3	<100	0	<150	0	<20	0	<3	0	<.6	0	<10	0	<1	0		
5.0-5.4	2	6.1-6.2	2	10-19	14	100-149	2	800-1599	0	150-249	0	20-40	0	3-5	0	.6-1	0	10-15	5	1-2	11
5.5-5.9	13	6.3-6.4	10	20-29	22	150-199	14	1600-2399	0	250-499	0	40-60	37	6-9	0	1.1-2	84	15-20	21	2-3	32
6.0-6.4	30	6.5-6.6	21	30-59	44	200-399	75	2400-3999	37	500-699	5	60-80	63	10-14	16	2.1-3	11	20-30	63	3-5	58
6.5-6.9	39	6.7-6.8	36	60-89	13	400-499	7	4000-8999	63	700-999	21	80-90	0	15-20	32	3.1-5	5	30-40	11	5-10	0
>6.9	15	>6.8	29	>89	4	>499	2	>9000	0	>999	74	>90	0	>20	53	>5	0	>40	0	>10	0
AVG.	6.5	6.7	40	287	5959	1135	19	61.5	20.7	1.8	23.7	3.1									
CNT	343	343	343	343	343	343	343	343	343	343	343	343									

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
<10	<0.6	<3	<10	<1	<20
10-19	.6-1.0	3-6	10-29	1-4	20-79
20-39	1.1-2.0	6-9	30-59	4-7	80-149
40-59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	25	3.1	19.4	0	0
CNT	3	1	3	0	0

VAN WERT County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	0	<6.1	0	<10	6	<100	0	< 800	0	<150	0	< 20	0	< 3	0	<.6	0	<10	0	< 1	0
5.0-5.4	0	6.1-6.2	0	10-19	6	100-145	0	800-1599	0	150-249	0	20-40	0	3- 5	0	.6- 1	0	10-15	0	1- 2	0
5.5-5.9	6	6.3-6.4	6	20-29	6	150-199	0	1600-2399	0	250-499	0	40-60	0	6- 9	100	1.1- 2	0	15-20	0	2- 3	0
6.0-6.4	6	6.5-6.6	6	30-59	6	200-399	29	2400-3999	0	500-699	100	60-80	100	10-14	0	2.1- 3	0	20-30	100	3- 5	0
6.5-6.9	35	6.7-6.8	29	60-89	6	400-499	6	4000-8999	100	700-999	0	80-90	0	15-20	0	3.1- 5	0	30-40	0	5-10	100
>6.9	53	>6.8	59	>89	76	>499	65	>9000	0	>999	0	>90	0	>20	0	> 5	100	>40	0	>10	0
AVG.	7.0		6.9		118		1689		7950		656		69.5		9.6		5.9		28.6		7.3
CNT	17		17		17		17		1		1		1		1		1		1		1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.	19	3.2	86.2	79	
CNT	1	1	1	12	0

VAN WERT County Summary—TURF Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<10	9
5.0-5.4	0	6.1-6.2	0	10-19	18
5.5-5.9	0	6.3-6.4	0	20-29	9
6.0-6.4	0	6.5-6.6	0	30-59	18
6.5-6.9	36	6.7-6.8	9	60-89	27
>6.9	64	>6.8	91	>89	18
AVG.	7.1		6.9		53
CNT	11		11		11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.					53
CNT	0	0	0	11	0

VINTON County Summary—FIELD CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	9	<6.1	6	<10	53	<100	14	< 800	20	<150	20	< 20	30	< 3	5	<.6	0	<10	20	< 1	0
5.0-5.4	13	6.1-6.2	7	10-19	23	100-149	36	800-1599	10	150-249	25	20-40	5	3- 5	25	.6- 1	15	10-15	60	1- 2	0
5.5-5.9	16	6.3-6.4	13	20-29	8	150-199	24	1600-2399	20	250-499	55	40-60	20	6- 9	30	1.1- 2	65	15-20	20	2- 3	20
6.0-6.4	19	6.5-6.6	18	30-59	12	200-399	23	2400-3999	50	500-699	0	60-80	20	10-14	35	2.1- 3	20	20-30	0	3- 5	30
6.5-6.9	76	6.7-6.8	18	60-89	4	400-499	2	4000-8999	0	700-999	0	80-90	20	15-20	5	3.1- 5	0	30-40	0	5-10	45
>6.9	18	>6.8	38	>89	0	>499	1	>9000	0	>999	0	>90	5	>20	0	> 5	0	>40	0	>10	5
AVG.	6.2		6.7		15		169		2262		746		50.9		9.1		1.7		12.0		5.5
CNT	160		160		160		160		20		20		20		20		20		20		20

VINTON County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	
<5.0	0	<6.1	0	<10	67
5.0-5.4	0	6.1-6.2	0	10-19	0
5.5-5.9	32	6.3-6.4	0	20-29	0
6.0-6.4	0	6.5-6.6	33	30-59	0
6.5-6.9	33	6.7-6.8	0	60-89	0
>6.9	33	>6.8	67	>89	33
AVG.	6.6		6.8		46
CNT	3		3		3

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG.					31
CNT	0	0	0	2	0

WARREN County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 14	<100 9	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 3	6.1-6.2 1	10-19 25	100-149 23	800-1599 0	150-249 0	20-40 8	3- 5 0	.6- 1 0	10-15 58	1- 2 0
5.5-5.9 15	6.3-6.4 6	20-29 18	150-199 25	1600-2399 17	250-499 58	40-60 83	6- 9 8	1.1- 2 33	15-20 42	2- 3 25
6.0-6.4 29	6.5-6.6 16	30-39 28	200-399 40	2400-3999 75	500-699 33	60-80 0	10-14 67	2.1- 3 58	20-30 0	3- 5 67
6.5-6.9 35	6.7-6.8 34	40-49 10	400-499 0	4000-8999 8	700-999 9	80-90 8	15-20 8	3.1- 5 8	30-40 0	5-10 9
>6.9 17	>6.8 43	>89 4	>499 2	>9000 0	>999 0	>90 0	>20 17	> 5 0	>40 0	>10 0
AVG. 6.4	6.8	32	214	3034	491	51.9	14.3	7.2	14.6	3.0
CNT 656	656	656	656	12	12	12	12	12	1	17

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 33	60-149 0	7-10 0	150-500 0
60-120 100	4.1-9.9 0	16-99 67	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 81	1.4	16.0	0	0	0
CNT 1	3	3	0	0	0

WARREN County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 4	<6.1 2	<10 10	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 13	6.1-6.2 4	10-19 6	100-149 4	800-1599 0	150-249 0	20-40 45	3- 5 0	.6- 1 0	10-15 9	1- 2 0
5.5-5.9 10	6.3-6.4 15	20-29 4	150-199 12	1600-2399 0	250-499 64	40-60 36	6- 9 45	1.1- 2 27	15-20 55	2- 3 0
6.0-6.4 10	6.5-6.6 10	30-39 10	200-399 27	2400-3999 71	500-699 27	60-80 18	10-14 36	2.1- 3 45	20-30 27	3- 5 82
6.5-6.9 17	6.7-6.8 6	40-49 23	400-499 15	4000-8999 21	700-999 0	80-90 0	15-20 18	3.1- 5 9	30-40 9	5-10 18
>6.9 46	>6.8 63	>89 48	>499 42	>9000 7	>999 9	>90 0	>20 0	> 5 18	>40 0	>10 0
AVG. 6.6	6.8	99	661	4055	526	47.3	11.4	3.9	19.3	4.2
CNT 52	52	52	52	14	11	11	11	11	11	11

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 35	1- 4 0	20- 79 67
20- 39 0	1.1-2.0 88	6- 9 25	30-59 35	4- 7 100	80-149 33
40- 59 67	2.1-4.0 13	9-16 25	60-149 30	7-10 0	150-500 0
60-120 33	4.1-9.9 0	16-99 50	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 71	1.7	17.1	41	5.4	69
CNT 3	8	4	20	3	3

WARREN County Summary—TURF Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 3	<6.1 3	<10 15	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 6	6.1-6.2 6	10-19 12	100-149 6	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 9	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 50	15-20 50	2- 3 0
6.0-6.4 9	6.5-6.6 3	30-39 12	200-399 58	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1- 3 50	20-30 50	3- 5 100
6.5-6.9 39	6.7-6.8 9	40-49 15	400-499 12	4000-8999 100	700-999 50	80-90 0	15-20 50	3.1- 5 0	30-40 0	5-10 0
>6.9 42	>6.8 79	>89 45	>499 15	>9000 0	>999 50	>90 0	>20 50	> 5 0	>40 0	>10 0
AVG. 6.9	6.9	72	346	6602	1006	77.8	20.0	2.1	21.1	3.9
CNT 33	33	33	33	2	2	2	2	2	2	2

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 5	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 0	30-59 40	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 55	7-10 0	150-500 0
60-120 0	4.1-9.9 0	16-99 100	150-249 0	10-20 0	500-999 0
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	2.0	50.3	69	0	0
CNT 0	1	1	20	0	0

WASHINGTON County Summary—FIELD CROP Samples

ALL PH PCT	LT1 PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 6	<6.1 12	<10 35	<100 5	< 800 0	<150 0	<20 9	< 3 0	<.6 0	<10 22	< 1 0
5.0-5.4 20	6.1-6.2 8	10-19 27	100-149 19	800-1599 13	150-249 9	20-40 28	3- 5 3	.6- 1 16	10-15 38	1- 2 13
5.5-5.9 76	6.3-6.4 13	20-29 10	150-199 29	1600-2399 41	250-499 53	40-60 38	6- 9 25	1.1- 2 19	15-20 16	2- 3 25
6.0-6.4 24	6.5-6.6 20	30-39 15	200-399 41	2400-3999 31	500-699 28	60-80 19	10-14 41	2.1- 3 41	20-30 72	3- 5 41
6.5-6.9 19	6.7-6.8 27	40-49 9	400-499 3	4000-8999 13	700-999 6	80-90 6	15-20 25	3.1- 5 13	30-40 3	5-10 22
>6.9 5	>6.8 20	>89 5	>499 4	>9000 3	>999 3	>90 0	>20 6	> 5 13	>40 0	>10 0
AVG. 5.9	6.5	27	223	2730	464	47.0	13.4	2.7	15.7	3.8
CNT 463	463	463	463	32	32	32	32	32	32	32

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SO4 SALT PCT	%OM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 50	10- 29 1- 4	1- 4 20- 79	
20- 39 0	1.1-2.0 100	6- 9 0	30-59 4- 7	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 50	60-149 7-10	7-10 150-500	
60-120 100	4.1-9.9 0	16-99 0	150-249 10-20	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 93	1.3	8.1	0	0	0
CNT 1	2	2	0	0	0

WASHINGTON County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	8	<6.1	11	<10	3	<100	0	< 800	0	<150	0	<20	0	< 3	0	<.6	0	<10	14	< 1	0
5.0-5.4	16	6.1-6.2	5	10-19	8	100-149	3	800-1599	14	150-249	14	20-40	14	3- 5	14	.6- 1	0	10-15	57	1- 2	0
5.5-5.9	26	6.3-6.4	13	20-29	0	150-199	3	1700-2399	0	250-499	43	40-60	43	6- 9	0	1.1- 2	0	15-20	29	2- 3	29
6.0-6.4	11	6.5-6.6	18	30-59	8	200-399	39	2400-3999	86	500-699	29	60-80	43	10-14	43	2.1- 3	43	20-30	0	3- 5	43
6.5-6.9	26	6.7-6.8	24	60-89	16	400-499	16	4000-8999	0	700-999	14	80-90	0	15-20	14	3.1- 5	43	30-40	0	5-10	29
>6.9	13	>6.8	29	>89	66	>499	39	>9000	0	>999	0	>90	0	>20	29	> 5	14	>40	0	>10	0
AVG.	6.1	6.6	114	563	2955	445	58.2	15.2	3.9	13.0	4.4										
CNT	38	38	38	38	7	7	7	7	7	7	7										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	47	1- 4
20- 39	1.1-2.0	6- 9	30-59	35	4- 7
40- 59	2.1-4.0	9-16	60-149	18	7-10
60-120	4.1-9.9	16-99	150-249	0	10-20
>120	>9.9	>99	>250	0	>20
AVG.	0	0	40	0	0
CNT	0	0	17	0	0

WASHINGTON County Summary—TURF Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	
<5.0	14	<6.1	25	<10	11
5.0-5.4	21	6.1-6.2	4	10-19	7
5.5-5.9	29	6.3-6.4	18	20-29	0
6.0-6.4	14	6.5-6.6	18	30-59	21
6.5-6.9	18	6.7-6.8	7	60-89	18
>6.9	4	>6.8	29	>89	43
AVG.	5.7	6.4	72	308	
CNT	28	28	28	28	

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	43	1- 4
20- 39	1.1-2.0	6- 9	30-59	33	4- 7
40- 59	2.1-4.0	9-16	60-149	19	7-10
60-120	4.1-9.9	16-99	150-249	5	10-20
>120	>9.9	>99	>250	0	>20
AVG.	0	0	44	0	0
CNT	0	0	21	0	0

WAYNE County Summary—FIELD CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	1	<6.1	1	<10	4	<100	4	< 800	0	<150	0	<20	0	< 3	0	<.6	0	<10	22	< 1	0
5.0-5.4	4	6.1-6.2	3	10-19	15	100-149	19	800-1599	4	150-249	5	20-40	14	3- 5	7	.6- 1	3	10-15	64	1- 2	9
5.5-5.9	14	6.3-6.4	6	20-29	19	150-199	28	1600-2399	37	250-499	41	40 60	49	6- 9	8	1.1- 2	24	15-20	12	2- 3	44
6.0-6.4	34	6.5-6.6	16	30-59	41	200-399	43	2400-3999	56	500-699	40	60-80	33	10-14	21	2.1- 3	32	20-30	0	3- 5	36
6.5-6.9	35	6.7-6.8	38	60-89	15	400-499	4	4000-8999	3	700-999	13	80-90	3	15-20	32	3.1- 5	25	30-40	1	5-10	11
>6.9	11	>6.8	36	>89	6	>499	3	>9000	0	>999	2	>90	0	>20	38	> 5	7	>40	0	>10	0
AVG.	6.4	6.7	42	225	2553	526	54.7	18.9	2.7	12.2	3.2										
CNT	2235	2235	2235	2235	215	215	215	215	215	215	215										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	43	1- 4
20- 39	1.1-2.0	6- 9	30-59	33	4- 7
40- 59	2.1-4.0	9-16	60-149	19	7-10
60-120	4.1-9.9	16-99	150-249	5	10-20
>120	>9.9	>99	>250	0	>20
AVG.	60	2.2	16.4	0	0
CNT	4	10	6	0	0

WAYNE County Summary—HORTICULTURAL CROP Samples

ALL	PH PCT	LTl PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	SCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT										
<5.0	0	<6.1	9	<10	0	<100	0	< 800	0	<150	0	<20	0	< 3	0	<.6	0	<10	33	< 1	0
5.0-5.4	9	6.1-6.2	1	10-19	7	100-149	4	800-1599	0	150-249	0	20-40	0	3- 5	0	.6- 1	0	10-15	33	1- 2	0
5.5-5.9	24	6.3-6.4	18	20-29	1	150-199	10	1600-2399	33	250-499	33	40-60	0	6- 9	33	1.1- 2	33	15-20	0	2- 3	33
6.0-6.4	31	6.5-6.6	22	30-59	19	200-399	27	2400-3999	0	500-699	33	60-80	100	10-14	33	2.1- 3	0	20-30	0	3- 5	0
6.5-6.9	19	6.7-6.8	25	60-89	13	400-499	9	4000-8999	33	700-999	0	80-90	0	15-20	0	3.1- 5	67	30-40	0	5-10	67
>6.9	16	>6.8	24	>89	58	>499	49	>9000	33	>999	33	>90	0	>20	33	> 5	0	>40	33	>10	0
AVG.	6.3	6.6	111	724	6915	708	70.0	17.2	3.8	24.2	5.2										
CNT	67	67	67	67	3	3	3	3	3	3	3										

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	38	1- 4
20- 39	1.1-2.0	6- 9	30-59	41	4- 7
40- 59	2.1-4.0	9-16	60-149	15	7-10
60-120	4.1-9.9	16-99	150-249	3	10-20
>120	>9.9	>99	>250	3	>20
AVG.	0	86.7	52	0	0
CNT	0	1	34	0	0

WAYNE County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 2	<10 3	<100 2	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 100	< 1 0
5.0-5.4 9	6.1-6.2 9	10-19 22	100-149 9	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 20	6.3-6.4 13	20-29 7	150-199 22	1600-2399 0	250-499 100	40-60 0	6- 9 0	1.1- 2 0	15-20 0	2- 3 0
6.0-6.4 27	6.5-6.6 17	30-59 23	200-399 44	2400-3999 100	500-699 0	60-80 100	10-14 0	2.1- 3 100	20-30 0	3- 5 100
6.5-6.9 31	6.7-6.8 30	60-89 19	400-499 14	4000-9999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 10	>6.8 28	>89 26	>499 8	>9000 0	>999 0	>90 0	>20 100	> 5 0	>40 0	>10 0
AVG. 6.2	6.6	58	321	2460	436	75.2	22.2	2.6	8.2	3.4
CNT 86	86	86	86	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	35	0	0
CNT 0	0	0	78	0	0

WILLIAMS County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 3	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 40	< 1 0
5.0-5.4 5	6.1-6.2 2	10-19 15	100-149 8	800-1599 20	150-249 0	20-40 10	3- 5 0	.6- 1 20	10-15 30	1- 2 0
5.5-5.9 23	6.3-6.4 10	20-29 20	150-199 29	1600-2399 20	250-499 60	40-60 70	6- 9 0	1.1- 2 50	15-20 30	2- 3 30
6.0-6.4 37	6.5-6.6 30	30-59 38	200-399 56	2400-3999 50	500-699 30	60-80 20	10-14 40	2.1- 3 20	20-30 0	3- 5 70
6.5-6.9 30	6.7-6.8 32	60-89 17	400-499 4	4000-9999 10	700-999 10	80-90 0	15-20 50	3.1- 5 10	30-40 0	5-10 0
>6.9 10	>6.8 26	>89 7	>499 2	>9000 0	>999 0	>90 0	>20 10	> 5 0	>40 0	>10 0
AVG. 6.3	6.7	42	238	2679	476	54.5	16.8	1.9	12.7	3.4
CNT 572	572	572	572	10	10	10	10	10	10	10

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 45	1.5	9.9	0	0	0
CNT 2	1	1	0	0	0

WILLIAMS County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 20	6.3-6.4 20	20-29 20	150-199 40	1600-2399 0	250-499 0	40-60 100	6- 9 0	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 0	6.5-6.6 20	30-59 20	200-399 40	2400-3999 100	500-699 100	60-80 0	10-14 100	2.1- 3 0	20-30 100	3- 5 100
6.5-6.9 20	6.7-6.8 0	60-89 20	400-499 0	4000-9999 0	700-999 0	80-90 0	15-20 0	3.1- 5 0	30-40 0	5-10 0
>6.9 60	>6.8 60	>89 40	>499 20	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.9	6.8	93	319	3715	692	43.9	13.6	1.7	21.2	3.2
CNT 5	5	5	5	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	35	0	0
CNT 0	0	0	4	0	0

WILLIAMS County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 25	150-199 0
6.0-6.4 25	6.5-6.6 0	30-59 25	200-399 75
6.5-6.9 25	6.7-6.8 25	60-89 0	400-499 0
>6.9 50	>6.8 75	>89 50	>499 25
AVG. 6.8	6.9	67	336
CNT 4	4	4	4

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%OM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	28	0	0
CNT 0	0	0	2	0	0

WOOD County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	KCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 5	<100 3	< 800 0	<150 0	<20 0	< 3 0	<.6 2	<10 2	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 4	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 3	10-15 7	1- 2 14
5.5-5.9 5	6.3-6.4 3	20-29 15	150-199 9	1600-2399 5	250-499 3	40-60 17	6- 9 0	1.1- 2 43	15-20 2	2- 3 10
6.0-6.4 24	6.5-6.6 17	30-59 38	200-399 70	2400-3999 5	500-699 7	60-80 55	10-14 10	2.1- 3 48	20-30 48	3- 5 59
6.5-6.9 41	6.7-6.8 35	60-89 20	400-499 8	4000-8999 41	700-999 14	80-90 28	15-20 52	3.1- 5 3	30-40 12	5-10 17
>6.9 30	>6.8 44	>89 12	>499 8	>9000 48	>999 76	>90 0	>20 38	> 5 0	>40 29	>10 0
AVG. 6.7	6.8	6.8	50	320	9660	2048	71.9	21.7	2.0	34.1
CNT 763	763	763	763	58	58	58	58	58	58	58

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 28	<0.6 9	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 59	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 13	1.1-2.0 42	6- 9 0	30-59 0	4- 7 0	80-149 0
40- 59 0	2.1-4.0 42	9-16 38	60-149 0	7-10 150-500	
60-120 0	4.1-9.9 8	16-99 63	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 13	2.1	24.6	0	0	0
CNT 39	12	16	0	0	0

WOOD County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	KCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 0	<6.1 0	<10 0	<100 0	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 0	< 1 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0	800-1599 0	150-249 0	20-40 0	3- 5 0	.6- 1 0	10-15 0	1- 2 0
5.5-5.9 10	6.3-6.4 0	20-29 10	150-199 0	1600-2399 0	250-499 0	40-60 0	6- 9 0	1.1- 2 100	15-20 0	2- 3 0
6.0-6.4 0	6.5-6.6 10	30-59 30	200-399 60	2400-3999 0	500-699 0	60-80 100	10-14 0	2.1- 3 0	20-30 100	3- 5 100
6.5-6.9 40	6.7-6.8 20	60-89 0	400-499 10	4000-8999 100	700-999 100	80-90 0	15-20 100	3.1- 5 0	30-40 0	5-10 0
>6.9 50	>6.8 70	>89 60	>499 30	>9000 0	>999 0	>90 0	>20 0	> 5 0	>40 0	>10 0
AVG. 6.9	6.9	92	428	6945	901	71.1	15.4	1.7	24.4	4.6
CNT 10	10	10	10	1	1	1	1	1	1	1

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 100	.6-1.0 0	3-6 0	10- 29 13	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 100	6- 9 0	30-59 50	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 38	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 100	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 12	1.7	37.1	52	0	0
CNT 1	1	1	8	0	0

WOOD County Summary—TURF Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 5	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 11	100-149 21
5.5-5.9 0	6.3-6.4 5	20-29 71	150-199 5
6.0-6.4 5	6.5-6.6 11	30-59 37	200-399 47
6.5-6.9 26	6.7-6.8 16	60-89 16	400-499 21
>6.9 68	>6.8 68	>89 11	>499 5
AVG. 7.1	6.9	48	304
CNT 19	19	19	19

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 33	1- 4 0	20- 79 0
20- 39 0	1.1-2.0 0	6- 9 0	30-59 67	4- 7 0	80-149 0
40- 59 0	2.1-4.0 0	9-16 0	60-149 0	7-10 150-500	
60-120 0	4.1-9.9 0	16-99 0	150-249 0	10-20 500-999	
>120 0	>9.9 0	>99 0	>250 0	>20 0	>999 0
AVG. 0	0	0	34	0	0
CNT 0	0	0	18	0	0

WYANDOT County Summary—FIELD CROP Samples

ALL PH PCT	ITI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	KCA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 1	<6.1 2	<10 6	<100 1	< 800 0	<150 0	<20 0	< 3 0	<.6 0	<10 3	< 1 0
5.0-5.4 4	6.1-6.2 3	10-19 17	100-149 11	800-1599 0	150-249 0	20-40 19	3- 5 0	.6- 1 25	10-15 19	1- 2 11
5.5-5.9 13	6.3-6.4 8	20-29 24	150-199 28	1600-2399 11	250-499 14	40-60 19	6- 9 17	1.1- 2 50	15-20 28	2- 3 28
6.0-6.4 23	6.5-6.6 14	30-59 39	200-399 55	2400-3999 36	500-699 25	60-80 33	10-14 28	2.1- 3 11	20-30 39	3- 5 33
6.5-6.9 38	6.7-6.8 25	60-89 11	400-499 3	4000-8999 25	700-999 31	80-90 22	15-20 27	3.1- 5 14	30-40 8	5-10 22
>6.9 21	>6.8 48	>89 4	>499 2	>9000 28	>999 31	>90 6	>20 33	> 5 0	>40 3	>10 6
AVG. 6.5	6.8	37	235	5643	825	63.7	17.9	1.8	21.0	4.3
CNT 477	477	477	477	36	36	36	36	36	36	36

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	DOM PCT	NO3 LB/A PCT
< 10 0	<0.6 0	< 3 14	< 10 0	< 1 0	< 20 0
10- 19 0	.6-1.0 0	3-6 0	10- 29 0	1- 4 0	20- 79 0
20- 39 83	1.1-2.0 100	6- 9 14	30-59 4	4- 7 80-149	
40- 59 0	2.1-4.0 0	9-16 14	60-149 7-10	150-500	
60-120 17	4.1-9.9 0	16-99 29	150-249 10-20	500-999	
>120 0	>9.9 0	>99 29	>250 0	>20 0	>999 0
AVG. 42	1.5	255.1	0	0	0
CNT 6	4	7	0	0	0

WYANDOT County Summary—HORTICULTURAL CROP Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 7	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 7
5.5-5.9 0	6.3-6.4 0	20-29 0	150-199 0
6.0-6.4 7	6.5-6.6 0	30-39 7	200-399 14
6.5-6.9 57	6.7-6.8 14	60-89 14	400-499 7
>6.9 36	>6.8 86	>89 71	>499 71
AVG. 7.0	7.0	131	794
CNT 14	14	14	14

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	52	3.6	70
CNT 0	0	0	13	1	1

WYANDOT County Summary—TURF Samples

ALL PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT
<5.0 0	<6.1 0	<10 0	<100 0
5.0-5.4 0	6.1-6.2 0	10-19 0	100-149 0
5.5-5.9 0	6.3-6.4 0	20-29 20	150-199 0
6.0-6.4 0	6.5-6.6 0	30-39 20	200-399 60
6.5-6.9 20	6.7-6.8 0	60-89 0	400-499 0
>6.9 80	>6.8 100	>89 60	>499 40
AVG. 7.1	7.0	105	471
CNT 5	5	5	5

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10	<0.6	< 3	< 10	< 1	< 20
10- 19	.6-1.0	3-6	10- 29	1- 4	20- 79
20- 39	1.1-2.0	6- 9	30-59	4- 7	80-149
40- 59	2.1-4.0	9-16	60-149	7-10	150-500
60-120	4.1-9.9	16-99	150-249	10-20	500-999
>120	>9.9	>99	>250	>20	>999
AVG. 0	0	0	40	0	0
CNT 0	0	0	5	0	0

STATE Summary—FIELD CROP Samples

PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 2	<6.1 3	<10 14	<100 4	< 800 2	<150 3	<20 3	< 3 1	<.6 1	<10 13	< 1 0
5.0-5.4 8	6.1-6.2 5	10-19 22	100-149 16	800-1599 5	150-249 9	20-40 12	3- 5 5	.6- 1 8	10-15 40	1- 2 4
5.5-5.9 16	6.3-6.4 10	20-29 18	150-199 26	1600-2399 17	250-499 35	40-60 34	6- 9 15	1.1- 2 50	15-20 27	2- 3 74
6.0-6.4 28	6.5-6.6 19	30-39 30	200-399 49	2400-3999 44	500-699 22	60-80 41	10-14 27	2.1- 3 25	20-30 16	3- 5 47
6.5-6.9 32	6.7-6.8 31	60-89 10	400-499 3	4000-8999 29	700-999 17	80-90 8	15-20 28	3.1- 5 12	30-40 7	5-10 22
>6.9 14	>6.8 32	>89 6	>499 2	>9000 3	>999 15	>90 1	>20 23	> 5 4	>40 2	>10 3
AVG. 6.3	6.7	35	230	3824	629	58.1	16.0	2.2	16.3	4.2
CNT 53615	53615	53615	53615	7968	2941	2941	2941	2941	2941	2941

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 6	<0.6 3	< 3 3	< 10 0	< 1 33	< 20 14
10- 19 18	.6-1.0 11	3-6 3	10- 29 22	1- 4 25	20- 79 36
20- 39 32	1.1-2.0 57	6- 9 12	30-59 36	4- 7 22	80-149 14
40- 59 20	2.1-4.0 18	9-16 38	60-149 40	7-10 11	150-500 17
60-120 21	4.1-9.9 9	16-99 41	150-249 2	10-20 3	500-999 19
>120 2	>9.9 2	>99 3	>250 0	>20 6	>999 0
AVG. 43	1.9	30.8	58	7.4	178
CNT 768	348	439	50	36	36

STATE Summary—HORTICULTURAL CROP Samples

PH PCT	LTI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CFC PCT	CA/MG PCT
<5.0 4	<6.1 8	<10 6	<100 2	< 800 1	<150 2	<20 2	< 3 1	<.6 3	<10 17	< 1 0
5.0-5.4 9	6.1-6.2 5	10-19 9	100-149 7	800-1599 3	150-249 8	20-40 11	3- 5 4	.6- 1 8	10-15 31	1- 2 2
5.5-5.9 14	6.3-6.4 9	20-29 6	150-199 12	1600-2399 10	250-499 32	40 60 21	6- 9 15	1.1- 2 22	15-20 22	2- 3 17
6.0-6.4 17	6.5-6.6 12	30-39 14	200-399 39	2400-3999 32	500-699 22	60-80 51	10-14 21	2.1- 3 21	20-30 19	3- 5 56
6.5-6.9 72	6.7-6.8 16	60-89 15	400-499 10	4000-8999 48	700-999 21	80-90 13	15-20 40	3.1- 5 24	30-40 5	5-10 27
>6.9 35	>6.8 49	>89 50	>499 29	>9000 5	>999 16	>90 1	>20 19	> 5 23	>40 6	>10 3
AVG. 6.5	6.7	97	483	4714	657	63.8	15.8	3.7	18.6	4.6
CNT 3237	3237	3237	3237	652	473	473	473	473	473	473

MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SQL SALT PCT	ZOM PCT	NO3 LB/A PCT
< 10 12	<0.6 8	< 3 1	< 10 0	< 1 7	< 20 7
10- 19 15	.6-1.0 3	3-6 8	10- 29 33	1- 4 23	20- 79 36
20- 39 32	1.1-2.0 36	6- 9 7	30-59 41	4- 7 40	80-149 21
40- 59 14	2.1-4.0 16	9-16 28	60-149 20	7-10 12	150-500 21
60-120 20	4.1-9.9 27	16-99 53	150-249 4	10-20 13	500-999 5
>120 8	>9.9 9	>99 2	>250 2	>20 5	>999 10
AVG. 67	3.0	36.7	56	7.8	306
CNT 102	99	88	2114	380	380

STATE Summary—TURF Samples

PH PCT	LI PCT	P LB/A PCT	K LB/A PCT	CA LB/A PCT	MG LB/A PCT	%CA PCT	%MG PCT	%K PCT	CEC PCT	CA/MG PCT
<5.0 2	<6.1 4	<10 10	<100 2	< 800 5	<150 15	<20 6	< 3 6	<.6 1	<10 7	< 1 0
5.0-5.4 6	6.1-6.2 4	10-19 12	100-145 9	800-1599 9	150-249 7	20-40 14	3- 5 14	.6- 1 17	10-15 19	1- 2 0
5.5-5.9 11	6.3-6.4 8	20-29 8	150-199 18	1600-2399 7	250-499 28	40-60 7	6- 9 15	1.1- 2 53	15-20 56	2- 3 7
6.0-6.4 15	6.5-6.6 12	30-39 20	200-399 55	2400-3999 10	500-699 23	60-80 31	10-14 30	2.1- 3 21	20-30 17	3- 5 32
6.5-6.9 21	6.7-6.8 16	60-89 18	400-499 8	4000-8999 67	700-999 24	80-90 33	15-20 28	3.1- 5 6	30-40 0	5-10 54
>6.9 45	>6.8 56	>89 32	>499 7	>9000 2	>999 2	>90 9	>20 7	> 5 1	>40 0	>10 17
AVG. 6.7	6.8	68	289	4855	498	67.3	12.0	1.8	16.8	6.6
CNT 3346	3346	3346	3346	101	98	98	98	98	96	98
MN LB/A PCT	B LB/A PCT	ZN LB/A PCT	SOL SALT PCT	%M PCT	NO3 LB/A PCT					
< 10 0	<0.6 0	< 3 0	< 10 0	< 1 0	< 20 33					
10- 19 33	.6-1.0 0	3-6 0	10- 29 37	1- 4 33	20- 79 33					
20- 39 0	1.1-2.0 100	6- 9 0	30-59 50	4- 7 33	80-149 33					
40- 59 0	2.1-4.0 0	9-16 0	60-149 12	7-10 0	150-500 0					
60-120 33	4.1-9.9 0	16-99 75	150-249 1	10-20 0	500-999 0					
>120 33	>9.9 0	>99 25	>250 1	>20 33	>999 0					
AVG. 68	1.7	79.0	46	9.0	61					
CNT 3	3	4	2728	3	3					

