

Soil Analysis Report

Spectrum Analytic

1087 Jamison Road NW
Washington Court House, OH 43160-8748

www.spectrumanalytic.com

Report To

Prepared For

Sampled	12-19-2017
Tested	01-02-2018

Sample Number	Lab Number	pH		Organic Matter %	Analysis Result* and Rating				CEC	Base Saturation			Mehlich-3 PPM and Rating					
		Soil pH	Buffer pH		Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Sulfur S	Boron B	Zinc Zn	Iron Fe	Copper Cu	Mang. Mn
HOME FARM 3	C23810	6.1	7.2	1.0	17 L	64 M	149 G	771 G	4.1	3.3	26.5	70.1						
HOME FARM 4	C23811	6.7	7.3	1.5	16 L	103 M	190 G	1067 G	6.9	3.2	20.3	58.4						
HOME FARM 5	C23812	6.1	7.2	0.9	41 M	121 G	127 M	705 G	3.8	6.8	24.3	68.9						
HOME FARM 6	C23813	6.3	7.2	1.3	23 L	74 M	161 G	831 G	4.5	3.6	26.5	69.9						
HOME FARM 7	C23814	6.4	7.2	1.0	13 L	89 M	136 G	718 G	3.9	4.9	25.7	69.4						
HOME FARM 8	C23815	5.9	7.1	1.2	15 L	60 M	130 M	688 G	3.7	3.5	26.0	70.4						
HOME FARM 9	C23816	5.8	7.1	0.9	18 L	61 M	104 M	641 G	3.3	4.0	23.1	72.9						
HOME FARM 10	C23817	6.3	7.2	1.1	19 L	70 M	141 G	771 G	4.1	3.7	25.4	70.9						
HOME FARM 11	C23818	6.5	7.3	0.7	10 L	76 M	121 M	769 G	5.0	3.3	17.6	57.3						
HOME FARM 12	C23819	6.8	7.3	0.9	17 L	66 M	167 G	1068 G	6.4	2.2	19.0	62.1						
HOME FARM 13	C23820	6.3	7.2	0.9	15 L	89 M	153 G	855 G	4.5	4.2	24.8	70.9						

* Results: P, K, Mg and Ca are extracted by Mehlich-3 (ICP) and are reported in ppm
 Ratings: L=Low M=Medium G=Good H=High V=Very High

Sample Number	Lab Number	P-FIV
HOME FARM 3	C23810	27
HOME FARM 4	C23811	26
HOME FARM 5	C23812	52
HOME FARM 6	C23813	33
HOME FARM 7	C23814	23
HOME FARM 8	C23815	25
HOME FARM 9	C23816	28
HOME FARM 10	C23817	29
HOME FARM 11	C23818	20
HOME FARM 12	C23819	27
HOME FARM 13	C23820	25

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Report To
MARTIN'S ELEVATOR INC 13219 MAUGANSVILLE RD HAGERSTOWN, MD 21740

Prepared For
BERNIE GOLDEN 14631 TOLLGATE RIDGE RD HANCOCK, MD 21750

Sampled	12-19-2017
Tested	01-02-2018

Sample Number	Lab Number	pH		Organic Matter %	Analysis Result* and Rating				CEC	Base Saturation			Mehlich-3 PPM and Rating						
		Soil pH	Buffer pH		Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Sulfur S	Boron B	Zinc Zn	Iron Fe	Copper Cu	Mang. Mn	Alum. Al
HOME FARM 14	C23821	6.4	7.2	1.6	19 L	60 M	145 G	713 G	3.9	3.3	27.5	69.2							
HOME FARM 15	C23822	6.9	7.3	1.0	13 L	77 M	204 G	882 G	5.8	2.9	25.7	56.9							
HOME FARM 16 17	C23823	6.2	7.1	1.5	20 L	85 M	155 G	777 G	4.2	4.3	26.8	68.8							
HOME FARM 18	C23824	6.3	7.1	1.0	27 L	88 M	157 G	678 G	3.9	4.9	29.6	65.5							
HOME FARM 19	C23825	6.3	7.1	1.4	17 L	123 G	154 G	692 G	4.0	6.6	28.3	65.0							
HOME FARM 20	C23826	6.5	7.2	1.4	27 L	53 L	172 G	762 G	5.4	2.1	23.3	52.7							
HOME FARM 21	C23827	6.5	7.1	1.3	28 L	50 L	147 G	703 G	4.9	2.2	22.0	53.9							
HOME FARM 22	C23828	6.5	7.1	0.8	34 M	43 L	172 G	783 G	5.5	1.7	23.0	53.5							
HOME FARM 23	C23829	6.7	7.2	1.4	42 M	42 L	173 G	837 G	5.5	1.6	23.1	57.2							

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Ratings: L=Low M=Medium G=Good H=High V=Very High

Sample Number	Lab Number	P-FIV
HOME FARM 14	C23821	29
HOME FARM 15	C23822	23
HOME FARM 16 17	C23823	30
HOME FARM 18	C23824	38
HOME FARM 19	C23825	27
HOME FARM 20	C23826	38
HOME FARM 21	C23827	39
HOME FARM 22	C23828	45
HOME FARM 23	C23829	53

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		Soil pH	Buffer pH		Phosphorus P	Potassium K	Magnesium Mg	Calcium Ca		K %	Mg %	Ca %	Sulfur S	Boron B	Zinc Zn	Iron Fe	Copper Cu	Mang. Mn	Alum. Al
HOME FARM 24	C23830	7.0		1.0	36 M	55 L	223 G	927 G	6.0	2.0	27.2	57.8							
HOME FARM 1	C23831	5.9	7.1	1.2	20 L	69 M	128 M	722 G	3.8	3.9	24.7	71.3							
HOME FARM P1	C23832	6.0	7.2	0.8	11 L	93 M	98 M	824 G	4.0	5.0	17.9	77.1							
HOME FARM P2	C23833	5.7	6.9	1.9	27 L	143 G	118 M	799 G	5.4	5.7	16.1	55.8							
HOME FARM P3	C23834	6.0	7.0	1.7	30 M	132 G	125 M	843 G	4.4	6.5	21.0	72.5							
HOME FARM 25	C23835	6.2	7.1	1.2	46 M	75 M	140 G	730 G	3.9	4.1	26.2	69.7							
HOME FARM 26	C23836	5.8	6.9	1.0	26 L	47 L	113 M	660 G	4.6	2.2	18.0	53.7							
HOME FARM 27	C23837	6.4	7.1	1.5	22 L	59 L	170 G	825 G	4.5	2.8	27.9	69.3							
FARM NO 2 1	C23838	5.9	6.8	2.0	63 G	101 M	106 M	1200 G	7.9	2.8	9.8	57.0							
FARM NO 2 2	C23839	5.9	6.8	2.1	46 M	95 M	116 M	1126 G	7.7	2.7	11.1	55.0							

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Sample Number	Lab Number	P-FIV	
HOME FARM 24	C23830	47	
HOME FARM 1	C23831	30	
HOME FARM P1	C23832	21	
HOME FARM P2	C23833	38	
HOME FARM P3	C23834	41	
HOME FARM 25	C23835	58	
HOME FARM 26	C23836	37	
HOME FARM 27	C23837	32	
FARM NO 2 1	C23838	76	
FARM NO 2 2	C23839	58	