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LABORATORIES
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Southern Ohio

2015 SOIL TEST DATA SUMMARY

Soil Test	Soil Test Statistics		Percent of Samples by Rating Category				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	3.0	0.8	(<1.0)	(1.0-2.5) 28.1	(2.5-5.0) 69.0	(5.0-7.0) 2.6	(7.0+) 0.3
Phosphorus (P1), ppm	31	29	(<10) 13.6	(10-20) 25.8	(20-30) 20.8	(30-50) 22.9	(50+) 16.9
Phosphorus (P2), ppm	62	99	(<14) 50.0	(14-29) 8.3	(29-44)	(44-74) 8.3	(74+) 33.3
Bicarbonate P, ppm	52	42	(<5)	(5-15) 33.3	(15-25)	(25-45) 33.3	(45+) 33.3
Potassium (K), ppm	132	58					
K, % Base Saturation	3.2	1.4	(<0.90) 0.9	(0.90-1.78) 10.0	(1.79-3.56) 58.7	(3.57-5.35) 24.5	(>5.35) 6.6
Magnesium (Mg), ppm	293	145					
Mg, % Base Saturation	22.2	7.3	(<5) 0.2	(5-10) 4.2	(10-15) 11.5	(15-25) 49.2	(25+) 35.0
Calcium (Ca), ppm	1422	772					
Ca, % Base Saturation	61.9	11.8	(<45) 7.6	(45-55) 18.1	(55-75) 61.7	(75-85) 8.3	(85+) 4.3
pH (1:1)	6.6	0.7	(<5.1) 1.1	(5.1-5.8) 15.5	(5.9-6.0) 51.0	(7.0-7.5) 20.2	(>7.5) 12.2
CEC, meq/100g	11.2	4.3	(<3.1)	(3.1-8.0) 17.9	(8.1-15.0) 68.8	(15.1-25.0) 12.3	(>25.0) 1.0
Sulfur (S), ppm	9	58.0	(<4) 2.8	(4-7) 64.5	(8-12) 28.2	(13-17) 1.7	(>17) 2.8
Zinc (Zn), ppm	3.4	2.5	(<1.0)	(1.1-2.9) 59.1	(3.0-4.9) 23.6	(5.0-10.0) 15.3	(>10.0) 1.9
Manganese (Mn), ppm	46	11	(<6)	(6-14) 0.1	(15-19) 5.2	(20-49) 59.4	(>49) 35.3
Iron (Fe), ppm	36	19	(<5)	(5-9) 2.5	(10-50) 0.9	(50+) 77.4	19.1
Copper (Cu), ppm	2.0	0.9		(<0.4)	(0.4-1.1) 9.9	(1.2-3.0) 80.0	(>3.0) 10.1
Boron (B), ppm	0.9	5.3	(<0.4) 36.3	(0.4-0.5) 24.1	(0.6-1.2) 29.0	(1.3-2.5) 7.1	(>2.5) 3.5
Nitrate (NO3-N), ppm			(<5)	(5-9)	(10-19)	(20-39)	(>39)