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Southeast Illinois 2007 SOIL TEST DATA SUMMARY

Soil Test	Soil Test Result				Percent of Samples by Soil Test Rating				
	Average	Minimum	Maximum	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter, %	4.4	0.8	93.8	12.4	0.1	47.5	50.1	0.2	2.1
Phosphorus (P1), ppm	39	1	361	28	3.5	13.5	24.9	35.6	22.5
Phosphorus (P2), ppm	58	6	194	26	0.7	9.6	22.2	45.2	22.3
Potassium (K), ppm	124	15	608	57					
Potassium (K), % Base Sat.	3.9	0.2	23.7	1.9	2.4	7.2	61.0	23.0	6.3
Magnesium (Mg), ppm	152	30	825	87					
Magnesium (Mg), % Base Sat.	14.3	4.6	42.4	5.0	0.2	18.0	46.1	31.9	3.7
Calcium (Ca), ppm	1137	150	4900	379					
Calcium (Ca), % Base Sat.	66.4	11.3	91.8	12.9	6.1	8.8	62.9	18.6	3.6
pH	6.4	4.1	8.2	0.6	2.8	12.7	68.7	14.6	1.1
CEC, meq/100g	8.7	2.2	34.7	3.0	0.1	47.1	48.9	3.7	0.3
Sulfur (S), ppm	16	6	127	14.6		2.2	57.6	24.1	16.1
Zinc (Zn), ppm	92.4	1.5	1454.0	237.8		46.7	21.7	12.1	19.5
Manganese (Mn), ppm	35	5	112	22	2.9	21.9	16.4	38.7	20.1
Iron (Fe), ppm	13	1	82	14		27.9	21.3	47.8	2.9
Copper (Cu), ppm	53.0	0.7	353.0	67.3			10.3	7.4	82.4
Boron (B), ppm	1.0	0.2	6.9	1.0	17.5	14.2	49.3	9.5	9.5