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Southeast Illinois 2008 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, %	2.5	0.3	9.0	0.6	0.3	60.4	38.9	0.4	
Phosphorus (P1), ppm	31	2	605	22	4.6	23.2	28.9	30.6	12.6
Phosphorus (P2), ppm	64	13	256	37	0.3	8.4	24.9	36.7	29.6
Potassium (K), ppm	108	26	552	45					
Potassium (K), % Base Sat.	3.4	0.3	14.6	1.4	0.5	13.6	68.4	14.9	2.7
Magnesium (Mg), ppm	141	25	765	69					
Magnesium (Mg), % Base Sat.	13.7	4.4	38.0	4.3		17.1	52.9	27.6	2.5
Calcium (Ca), ppm	1175	250	3700	328					
Calcium (Ca), % Base Sat.	70.5	10.7	91.3	12.1	3.5	8.3	49.7	29.6	8.9
pH	6.6	4.0	8.1	0.6	0.3	13.0	58.5	25.6	2.5
CEC, meq/100g	8.4	1.9	59.2	2.6	0.1	51.0	47.3	1.3	0.3
Sulfur (S), ppm	11	5	76	5.8		20.6	48.9	25.4	5.1
Zinc (Zn), ppm	3.5	1.6	18.7	2.1		57.7	29.0	11.4	1.8
Manganese (Mn), ppm	51	13	124	17		1.7	0.9	54.8	42.6
Iron (Fe), ppm	51	14	123	24				56.9	43.1
Copper (Cu), ppm	1.4	0.5	2.4	0.4			43.1	56.9	
Boron (B), ppm	0.5	0.2	1.6	0.3	32.2	37.4	28.7	1.7	