



Southwest Indiana

2018 SOIL TEST DATA SUMMARY

Soil Test	Statistics		Percent Samples by Soil Test Rating				
	Average	Std. Dev.	Very Low	Low	Medium	High	Very High
Organic Matter,%	2.5	1.0	2.3 (<1.0)	54.5 (1.0-2.5)	41.7 (2.5-5.0)	1.3 (5.0-7.0)	0.3 (7.0+)
Phosphorus (P1), ppm	37	42	10.1 (<10)	24.4 (10-20)	21.1 (20-30)	23.5 (30-50)	20.9 (50+)
Phosphorus (P2), ppm	52	82	44.6 (<14)	16.2 (14-29)	7.4 (29-44)	12.3 (44-74)	19.6 (74+)
Potassium (K), ppm	124	59					
K, % Base Saturation	3.7	1.9	0.6 (<1.05)	9.7 (1.05-2.07)	61.4 (2.08-4.15)	23.2 (4.16-6.22)	5.3 (6.22)
Magnesium (Mg), ppm	168	101					
Mg, % Base Saturation	14.6	5.2	0.4 (<5)	16.7 (5-10)	44.2 (10-15)	33.9 (15-25)	4.9 (25+)
Calcium (Ca), ppm	1269	545					
Ca, % Base Saturation	68.0	10.8	3.2 (<45)	8.4 (45-55)	64.0 (55-75)	19.8 (75-85)	4.6 (85+)
pH (1:1)	6.5	0.6	0.7 (<5.1)	12.0 (5.1-5.8)	69.3 (5.9-6.0)	14.5 (7.0-7.5)	3.5 (7.5)
CEC, meq/100g	9.3	3.5	1.1 (<3.1)	38.3 (3.1-8.0)	54.3 (8.1-15.0)	5.9 (15.1-25.0)	0.3 (25.0)
Sulfur (S), ppm	8	5.4	1.3 (<4)	53.1 (4-7)	41.4 (8-12)	3.1 (13-17)	1.0 (17)
Zinc (Zn), ppm	3.5	3.4		62.4 (1.1-2.9)	23.2 (3.0-4.9)	10.4 (5.0-10.0)	4.0 (10.0)
Manganese (Mn), ppm	58	19		0.5 (6-14)	1.9 (15-19)	35.0 (20-49)	62.6 (49)
Iron (Fe), ppm	46	29		0.4 (<5)	1.9 (5-9)	64.3 (10-50)	33.4 (50)
Copper (Cu), ppm	1.7	1.3			42.0 (0.4-1.1)	47.9 (1.2-3.0)	10.0 (3.0)
Boron (B), ppm	0.4	0.2	56.4 (<0.4)	26.4 (0.4-0.5)	16.5 (0.6-1.2)	0.7 (1.3-2.5)	
Nitrate (NO ₃ -N), ppm	24.6	26.4	10.2 (<5)	18.6 (5-9)	24.6 (10-19)	30.5 (20-39)	16.1 (39)
Ammonium (NH ₄ -N), ppm	8.0	10.1	30.1 (<5)	49.5 (5-9)	15.5 (10-19)	1.0 (20-39)	3.9 (39)