



### Soil Test Report

Reported To	Sample Information		Customer Information
THE ELEPHANT GARDENS 3701 N FOREST MANOR AVE INDIANAPOLIS, IN 46218	Report Number	F20072-0200	THE ELEPHANT GARDEN 3348 N SHERMAN DR INDIANAPOLIS IN 4621
	Report Date	3/16/2020	
	Lab Number	72796	
	Sample ID	ROWS 1-17	
	To Be Grown	VEGETABLE GARDEN	

### Analysis Results

Analysis	Result	Soil Test Rating				
		Very Low	Low	Medium	High	Very High
Organic Matter, %	10.8	██████████	██████████	██████████	██████████	██████████
Phosphorus, ppm P (Bray-1 Equiv.)	223	██████████	██████████	██████████	██████████	██████████
Potassium, ppm K	249	██████████	██████████	██████████	██████████	██████████
Magnesium, ppm Mg	390	██████████	██████████	██████████	██████████	██████████
Calcium, ppm Ca	3500	██████████	██████████	██████████	██████████	██████████
Sodium, ppm Na	10	██████████	██████████	██████████	██████████	██████████
Cation Exchange Capacity, meq/100g	21.4	██████████	██████████	██████████	██████████	██████████
pH	7.6	██████████	██████████	██████████	██████████	██████████
Soluble Salts (1:2), mmho/cm	0.2	██████████	██████████	██████████	██████████	██████████
Sulfur, ppm S	13	██████████	██████████	██████████	██████████	██████████
Zinc, ppm Zn	23.0	██████████	██████████	██████████	██████████	██████████
Iron, ppm Fe	69	██████████	██████████	██████████	██████████	██████████
Manganese, ppm Mn	41	██████████	██████████	██████████	██████████	██████████
Copper, ppm Cu	2.6	██████████	██████████	██████████	██████████	██████████
Boron, ppm B	1.9	██████████	██████████	██████████	██████████	██████████

### Annual Nutrient Requirement

Pounds per 100 Square Feet						Pounds per 1,000 Square Feet					
Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)	Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)
0	0.4	0.0	0.0	0.0	0.1	0	4	0	0	0	1

### Suggested Fertilizer Application

Product	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
	21-0-0	Ammonium Sulfate	2.0	OR 20.0
			0.0	OR 0.0

### Comments

Use the fertilizer listed above or another material of similar NPK analysis. Apply and incorporate 1/2 the recommended amount prior to planting or seeding. Spread the remaining 1/2 after plants are established and rapidly growing. Application of nitrogen in excess of the suggested amount could result in excessive growth of vegetation and poor yield of fruit for some garden plants.



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	To Be Grown	VEGETABLE GARDEN	

The soil pH is high (alkaline soil) and may affect the growth and production of some garden plants. Apply and till in 10 pounds of sulfur per 1000 square feet on a yearly basis until the soil pH is 7.0 or less. Sulfur is best applied in the fall or early spring before planting. Tilling in acid organic materials such as peat or compost may also be effective in helping to lower soil pH.



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	Report Date	3/16/2020	
	Lab Number	72797	
	Sample ID	BERM	
	To Be Grown	VEGETABLE GARDEN	

### Analysis Results

Analysis	Result	Soil Test Rating				
		Very Low	Low	Medium	High	Very High
Organic Matter, %	8.7	██				
Phosphorus, ppm P (Bray-1 Equiv.)	102	██				
Potassium, ppm K	120	██				
Magnesium, ppm Mg	325	██				
Calcium, ppm Ca	3200	██				
Sodium, ppm Na	8	████████				
Cation Exchange Capacity, meq/100g	19.1	██				
pH	7.6	██				
Soluble Salts (1:2), mmho/cm	0.1	████████				
Sulfur, ppm S	10	██				
Zinc, ppm Zn	34.4	██				
Iron, ppm Fe	46	██				
Manganese, ppm Mn	42	██				
Copper, ppm Cu	2.6	██				
Boron, ppm B	1.6	██				

### Annual Nutrient Requirement

Pounds per 100 Square Feet						Pounds per 1,000 Square Feet					
Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)	Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)
0	0.4	0.0	0.4	0.0	0.1	0	4	0	4	0	1

### Suggested Fertilizer Application

	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
Product 1	21-0-0	Ammonium Sulfate	2.0	OR 20.0
Product 2	0-0-60	Potash	0.7	OR 7.0

### Comments

Use the fertilizer listed above or another material of similar NPK analysis. Apply and incorporate 1/2 the recommended amount prior to planting or seeding. Spread the remaining 1/2 after plants are established and rapidly growing. Application of nitrogen in excess of the suggested amount could result in excessive growth of vegetation and poor yield of fruit for some garden plants.



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	Report Date	3/16/2020	
	Lab Number	72798	
	Sample ID	ROWS 18-26	
	To Be Grown	VEGETABLE GARDEN	

### Analysis Results

Analysis	Result	Soil Test Rating				
		Very Low	Low	Medium	High	Very High
Organic Matter, %	17.9	██				
Phosphorus, ppm P (Bray-1 Equiv.)	158	██				
Potassium, ppm K	182	██				
Magnesium, ppm Mg	400	██				
Calcium, ppm Ca	3900	██				
Sodium, ppm Na	11	████████				
Cation Exchange Capacity, meq/100g	23.3	██				
pH	7.5	██				
Soluble Salts (1:2), mmho/cm	0.1	████████				
Sulfur, ppm S	14	██				
Zinc, ppm Zn	20.7	██				
Iron, ppm Fe	84	██				
Manganese, ppm Mn	35	██				
Copper, ppm Cu	3.1	██				
Boron, ppm B	2.0	██				

### Annual Nutrient Requirement

Pounds per 100 Square Feet						Pounds per 1,000 Square Feet					
Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)	Lime	Nitrogen (N)	Phosphorus (P2O5)	Potassium (K2O)	Magnesium (Mg)	Sulfur (S)
0	0.4	0.0	0.2	0.0	0.1	0	4	0	2	0	1

### Suggested Fertilizer Application

	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
Product 1	21-0-0	Ammonium Sulfate	2.0	OR 20.0
Product 2	0-0-60	Potash	0.3	OR 3.5

### Comments

Use the fertilizer listed above or another material of similar NPK analysis. Apply and incorporate 1/2 the recommended amount prior to planting or seeding. Spread the remaining 1/2 after plants are established and rapidly growing. Application of nitrogen in excess of the suggested amount could result in excessive growth of vegetation and poor yield of fruit for some garden plants.



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