



Soil Test Report

Reported To	Sample Information	
CUSTOMER NAME ADDRESS 1 ADDRESS 2 TOWN NAME, ST 54321	Report Number	F76001-2000
	Report Date	10/1/2015
	Lab Number	76478
	Sample ID	HOME GARDEN
	To Be Grown	VEGETABLE GARDEN

Analysis Results

Analysis	Result	Soil Test Rating				
		Very Low	Low	Medium	High	Very High
Organic Matter, %	4.6	████████████████████				
Phosphorus, ppm P (Bray-1 Equiv.)	12	████████████████				
Potassium, ppm K	100	████████████████████				
Magnesium, ppm Mg	530	████████████████████	████████████████████			
Calcium, ppm Ca	3250	████████████████████	████████████████████			
Sodium, ppm Na	165	████████████████				
Cation Exchange Capacity, meq/100g	21.6	████████████████████				
pH	7.6	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Soluble Salts, mmho/cm	0.7	████████████████				
Sulfur, ppm S	82	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Zinc, ppm Zn	3.0	████████████████				
Iron, ppm Fe	40	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Manganese, ppm Mn	40	████████████████				
Copper, ppm Cu	2.0	████████████████				
Boron, ppm B	1.4	████████████████				

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	0.6	0.6	0.0	0.0	0	4	6	6	0	0

Suggested Fertilizer Application

	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
Product 1	6-24-24	Complete Fertilizer	2.5	OR 25.0
Product 2	46-0-0	Urea	0.6	OR 5.5

Comments

Use the fertilizers 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.

See Fact Sheet #10, Interpretive Guide, located on our website, for an explanation of soil test results.



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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. CAUTION - many composts are alkaline, not acidic. Check the pH of the compost prior to incorporating into the garden soil.



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	Sample ID	HOME GARDEN
	To Be Grown	SMALL FRUITS

Analysis Results

Analysis	Result	Soil Test Rating				
		Very Low	Low	Medium	High	Very High
Organic Matter, %	4.6	████████████████████				
Phosphorus, ppm P (Bray-1 Equiv.)	12	████████████████				
Potassium, ppm K	100	████████████████████				
Magnesium, ppm Mg	530	████████████████████	████████████████████			
Calcium, ppm Ca	3250	████████████████████	████████████████████			
Sodium, ppm Na	165	████████████████				
Cation Exchange Capacity, meq/100g	21.6	████████████████████				
pH	7.6	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Soluble Salts, mmho/cm	0.7	████████████████				
Sulfur, ppm S	82	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Zinc, ppm Zn	3.0	████████████████				
Iron, ppm Fe	40	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Manganese, ppm Mn	40	████████████████				
Copper, ppm Cu	2.0	████████████████				
Boron, ppm B	1.4	████████████████				

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	0.3	0.4	0.4	0.0	0.0	0	3	4	4	0	0

Suggested Fertilizer Application

	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
Product 1	12-12-12	Complete Fertilizer	3.3	OR 33.0
Product 2			0.0	OR 0.0

Comments

Broadcast the recommended fertilizer in mid spring. Be careful not to apply excessive nitrogen as this may result in excess vegetative growth and soft fruit.

The soil pH is high for some fruits, and application of 10 pounds of elemental sulfur per 1000 sq ft is suggested. The best time for application is in the fall after the plants are dormant. Water well after



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application.

Refer to the web for additional information about your specific small fruit production. Many extension services (Ohio State, Purdue, Michigan State) have homeowner guides to fruit production.



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	Sample ID	HOME GARDEN
	To Be Grown	FLOWERS

Analysis Results

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Magnesium, ppm Mg	530	████████████████████	████████████████████			
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Sodium, ppm Na	165	████████████████				
Cation Exchange Capacity, meq/100g	21.6	████████████████████				
pH	7.6	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Soluble Salts, mmho/cm	0.7	████████████████				
Sulfur, ppm S	82	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Zinc, ppm Zn	3.0	████████████████				
Iron, ppm Fe	40	████████████████████	████████████████████	████████████████████	████████████████████	████████████████████
Manganese, ppm Mn	40	████████████████				
Copper, ppm Cu	2.0	████████████████				
Boron, ppm B	1.4	████████████████				

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	0.3	0.6	0.4	0.0	0.0	0	3	6	4	0	0

Suggested Fertilizer Application

	NPK Fertilizer Grade	Description	Annual Application Rate	
			lbs per 100 sq. ft.	lbs per 1,000 sq. ft.
Product 1	5-10-10	Complete Fertilizer	6.0	OR 60.0
Product 2			0.0	OR 0.0

Comments

Use the fertilizer listed above or another material of similar NPK analysis. Apply and incorporate the recommended amount prior to planting or seeding in the early spring. For established perennial flowers, spread the fertilizer in the spring and incorporate with a hoe without disturbing the roots. Application of nitrogen in excess of the recommended amount could result in too much vegetation and poor flowering.



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	Sample ID	HOME GARDEN
	To Be Grown	FLOWERS

The soil pH is high (alkaline soil) and may affect the growth and color of some flowers. 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 used 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. For established perennial flowers, mix the sulfur into the top 3 to 4 inches of soil without disturbing the roots.