Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483861
Customer Sample ID: 723
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**176**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**19**	(-)	ppm**							**0.5**	lbs N/1000sqft
Phosphorus	**114**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**153**	(175)	ppm							**0.5**	lbs K20/1000sqft
Calcium	**6,440**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**267**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**28**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
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Travis County
Laboratory Number: 483862
Customer Sample ID: 727
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.2**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**216**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**97**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**157**	(175)	ppm							**0.4**	lbs K20/1000sqft
Calcium	**15,916**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**378**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**116**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 483902
Customer Sample ID: 729
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**6.9**	(6.5)	-	**Slightly Acid**						
Conductivity	**1,580**	(-)	umho/cm	**High**				CL*		**Fertilizer Recommended**
Nitrate-N	**532**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**852**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**1410**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,259**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**833**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**121**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**85**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483863
Customer Sample ID: 730
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**333**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**11**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**108**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**270**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,698**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**311**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**17**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**23**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483864
Customer Sample ID: 731
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**452**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**59**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**673**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,550**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**369**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**28**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483865
Customer Sample ID: 732
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**1,420**	(-)	umho/cm	**Moderate**				CL*		**Fertilizer Recommended**
Nitrate-N	**151**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**647**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**1554**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**13,883**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**645**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**445**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**202**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483866
Customer Sample ID: 733
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**226**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**4**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**120**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**195**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**12,314**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**463**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**34**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**40**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483867
Customer Sample ID: 734
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**240**	(-)	umho/cm	**None**	
Nitrate-N	**17**	(-)	ppm**		**0.6** lbs N/1000sqft
Phosphorus	**153**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**254**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**17,331**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**458**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**50**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**31**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483903
Customer Sample ID: 735
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.0**	(6.5)	-	**Neutral**							
Conductivity	**1,560**	(-)	umho/cm	**High**				CL*		**Fertilizer Recommended**	
Nitrate-N	**123**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**648**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**1584**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,041**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**521**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**296**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**186**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 483868
Customer Sample ID: 736
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**268**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**256**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**540**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,327**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**472**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**29**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 483869
Customer Sample ID: 737
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.6**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**252**	(-)	umho/cm	**None**	
Nitrate-N	**10**	(-)	ppm**		**0.9** lbs N/1000sqft
Phosphorus	**175**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**266**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,612**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**508**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**42**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Area Represented: not provided

Travis County
Laboratory Number: 483944
Customer Sample ID: 738
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**219**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**96**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**317**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,218**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**594**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**14**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**326**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484095
Customer Sample ID: 739
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**266**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**80**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**88**	(175)	ppm							**1.9** lbs K20/1000sqft
Calcium	**6,968**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**444**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**20**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483945
Customer Sample ID: 740
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**403**	(-)	umho/cm	**None** CL*	
Nitrate-N	**41**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**111**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**468**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**8,560**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**519**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**19**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**345**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483904
Customer Sample ID: 741
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**426**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**29**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**140**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**381**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,827**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**775**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**36**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**50**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483905
Customer Sample ID: 742
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**430**	(-)	umho/cm	**None**	
Nitrate-N	**116**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**207**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**271**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**24,717**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**345**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**41**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**37**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483906
Customer Sample ID: 743
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**355**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**185**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**467**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,481**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**550**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**19**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483870
Customer Sample ID: 744
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**368**	(-)	umho/cm	**None**	
Nitrate-N	**19**	(-)	ppm**		**0.5** lbs N/1000sqft
Phosphorus	**17**	(50)	ppm		**2.6** lbs P2O5/1000sqft
Potassium	**244**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**8,942**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**168**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**22**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483871
Customer Sample ID: 745
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**216**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**282**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**212**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**17,397**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**395**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**81**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**34**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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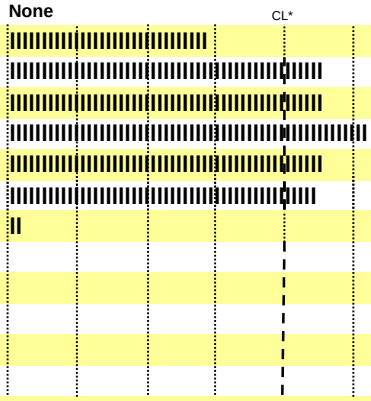
Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483872
Customer Sample ID: 746
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**260**	(-)	umho/cm	**None**	
Nitrate-N	**25**	(-)	ppm**		**0.2** lbs N/1000sqft
Phosphorus	**71**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**291**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**14,238**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**268**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**12**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483873
Customer Sample ID: 747
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**1,160**	(-)	umho/cm	**Moderate**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**9**	(50)	ppm							**3.2** lbs P2O5/1000sqft
Potassium	**296**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,732**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**568**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**173**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**259**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483874
Customer Sample ID: 748
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**326**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**473**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**952**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,698**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**420**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**68**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**135**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483875
Customer Sample ID: 749
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**258**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**10**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**116**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**331**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**18,951**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**258**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**56**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**48**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483876
Customer Sample ID: 750
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**402**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**2**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**28**	(50)	ppm		**1.7** lbs P2O5/1000sqft
Potassium	**716**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**10,434**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**185**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**17**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**15**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483907
Customer Sample ID: 751
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**293**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**51**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**433**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**310**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,323**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**434**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**171**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**30**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483877
Customer Sample ID: 752
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**296**	(-)	umho/cm	**None** CL*	
Nitrate-N	**34**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**146**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**244**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,980**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**439**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**36**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**28**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483878
Customer Sample ID: 753
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**1,580**	(-)	umho/cm	**High**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**5**	(50)	ppm							**3.5** lbs P2O5/1000sqft
Potassium	**314**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,993**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**680**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**275**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**412**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483879
Customer Sample ID: 754
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**176**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**6**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**63**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**299**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,950**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**311**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**26**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483946
Customer Sample ID: 755
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**228**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**0.9** lbs N/1000sqft
Phosphorus	**352**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**345**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,039**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**770**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**32**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**343**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483948
Customer Sample ID: 756
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.1	(6.5)	-	Mod. Alkaline	
Conductivity	263	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	83	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	394	(175)	ppm		**0** lbs K20/1000sqft
Calcium	18,902	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	508	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	37	(13)	ppm		**0** lbs S/1000sqft
Sodium	357	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484096
Customer Sample ID: 757
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**242**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**2**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**76**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**234**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**18,745**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**279**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**20**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483949
Customer Sample ID: 758
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**393**	(-)	umho/cm	**None** CL*	
Nitrate-N	**17**	(-)	ppm**		**0.6** lbs N/1000sqft
Phosphorus	**118**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**528**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**14,863**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**395**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**330**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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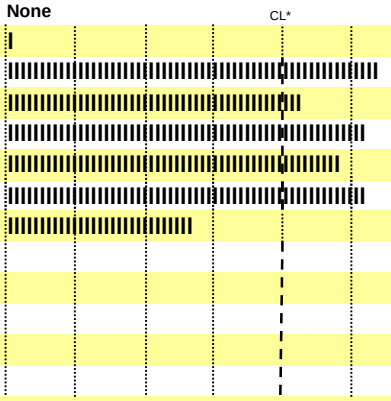
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483950
Customer Sample ID: 759
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**246**	(-)	umho/cm	**None**	
Nitrate-N	**3**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**278**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**236**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**13,225**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**362**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**67**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**329**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483951
Customer Sample ID: 760
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**666**	(-)	umho/cm	**Slight**				CL*		**Fertilizer Recommended**	
Nitrate-N	**11**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**720**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**429**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,014**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**527**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**329**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**64**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483908
Customer Sample ID: 761
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**128**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**13**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**179**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**160**	(175)	ppm							**0.3**	lbs K20/1000sqft
Calcium	**4,625**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**123**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**11**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483909
Customer Sample ID: 762
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**192**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**158**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**350**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,725**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**244**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**27**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
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Report generated for:
Christine Whitney
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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483952
Customer Sample ID: 763
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**356**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**74**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**243**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**334**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,674**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**419**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**36**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**34**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483910
Customer Sample ID: 764
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**202**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**14**	(-)	ppm**							**0.7** lbs N/1000sqft
Phosphorus	**70**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**306**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**26,890**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**297**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**341**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483880
Customer Sample ID: 765
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**338**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**5**	(-)	ppm**	III						**1.2**	lbs N/1000sqft
Phosphorus	**62**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs P2O5/1000sqft
Potassium	**593**	(175)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs K20/1000sqft
Calcium	**12,424**	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Ca/1000sqft
Magnesium	**420**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs S/1000sqft
Sodium	**43**	(-)	ppm	IIIIIIII							
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483911
Customer Sample ID: 766
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**233**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**14**	(-)	ppm**							**0.8** lbs N/1000sqft
Phosphorus	**72**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**262**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,413**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**350**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**41**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**343**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483881
Customer Sample ID: 767
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.2**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**232**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**29**	(50)	ppm							**1.6**	lbs P2O5/1000sqft
Potassium	**305**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**17,609**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**270**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**16**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483912
Customer Sample ID: 768
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.1**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**216**	(-)	umho/cm	**None** CL*	
Nitrate-N	**17**	(-)	ppm**		**0.6** lbs N/1000sqft
Phosphorus	**70**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**223**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**10,829**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**463**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**336**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483882
Customer Sample ID: 769
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**306**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**21**	(-)	ppm**							**0.4**	lbs N/1000sqft
Phosphorus	**291**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**461**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,711**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**665**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**13**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483953
Customer Sample ID: 770
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**1,070**	(-)	umho/cm	**Moderate**				CL*			**Fertilizer Recommended**
Nitrate-N	**234**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**153**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**426**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**11,101**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**389**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**38**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**49**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483954
Customer Sample ID: 771
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**171**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**506**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**174**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,202**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**595**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483955
Customer Sample ID: 772
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**391**	(-)	umho/cm	**None**	
Nitrate-N	**24**	(-)	ppm**		**0.2** lbs N/1000sqft
Phosphorus	**167**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**584**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,438**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**340**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483956
Customer Sample ID: 773
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**396**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**22**	(-)	ppm**							**0.4** lbs N/1000sqft
Phosphorus	**236**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**528**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**9,199**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**460**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**40**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483957
Customer Sample ID: 775
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**206**	(-)	umho/cm	**None** CL*	
Nitrate-N	**14**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**201**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**250**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,791**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**358**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Texas A&M AgriLife Extension

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483958
Customer Sample ID: 776
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.3	(6.5)	-	Mod. Alkaline	
Conductivity	172	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	18	(50)	ppm		2.5 lbs P2O5/1000sqft
Potassium	133	(175)	ppm		0.9 lbs K20/1000sqft
Calcium	8,972	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	316	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	25	(13)	ppm		0 lbs S/1000sqft
Sodium	21	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483959
Customer Sample ID: 778
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**265**	(-)	umho/cm	**None**	
Nitrate-N	**4**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**166**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**379**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,932**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**562**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**33**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483913
Customer Sample ID: 779
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**333**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**75**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**397**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,566**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**424**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**16**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**338**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483960
Customer Sample ID: 780
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**298**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**13**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**379**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**347**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**10,248**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**570**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**75**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**32**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483961
Customer Sample ID: 781
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh	Excess.
pH	**6.3**	(6.5)	-	**Slightly Acid**	
Conductivity	**92**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**11**	(-)	ppm**		**0.9** lbs N/1000sqft
Phosphorus	**29**	(50)	ppm		**1.6** lbs P2O5/1000sqft
Potassium	**91**	(175)	ppm		**1.9** lbs K20/1000sqft
Calcium	**836**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**91**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**7**	(13)	ppm		**0.5** lbs S/1000sqft
Sodium	**8**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**10.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483883
Customer Sample ID: 785
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**288**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**8**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**208**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**410**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,061**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**472**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**19**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483914
Customer Sample ID: 786
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**343**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**49**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**587**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**608**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,287**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**876**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**338**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483915
Customer Sample ID: 787
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.6**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**102**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**2**	(50)	ppm							**3.8** lbs P2O5/1000sqft
Potassium	**176**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**28,112**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**264**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**337**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483916
Customer Sample ID: 788
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**203**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**24**	(-)	ppm**							**0.3** lbs N/1000sqft
Phosphorus	**42**	(50)	ppm							**0.6** lbs P2O5/1000sqft
Potassium	**246**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**30,195**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**487**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**49**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**337**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483917
Customer Sample ID: 789
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.9	(6.5)	-	Mod. Alkaline	
Conductivity	500	(-)	umho/cm	Slight	
Nitrate-N	5	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	63	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	295	(175)	ppm		**0** lbs K20/1000sqft
Calcium	21,362	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	527	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	292	(13)	ppm		**0** lbs S/1000sqft
Sodium	337	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483884
Customer Sample ID: 790
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**202**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**151**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**298**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,487**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**562**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**29**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**28**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483919
Customer Sample ID: 791
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**242**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**227**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**294**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,240**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**316**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**334**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483962
Customer Sample ID: 792
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**213**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**10**	(50)	ppm							**3.1** lbs P2O5/1000sqft
Potassium	**233**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,282**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**269**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**33**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483920
Customer Sample ID: 793
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**255**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**155**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**468**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**4,896**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**393**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**352**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483885
Customer Sample ID: 794
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**366**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**35**	(50)	ppm							**1.2** lbs P2O5/1000sqft
Potassium	**709**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,219**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**241**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**20**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483886
Customer Sample ID: 795
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**393**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**76**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**54**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**322**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**12,306**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**297**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**12**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483887
Customer Sample ID: 797
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**372**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**15**	(-)	ppm**							**0.7** lbs N/1000sqft
Phosphorus	**641**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**456**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,951**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**665**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**78**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**51**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483921
Customer Sample ID: 798
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**488**	(-)	umho/cm	**Slight**			CL*			**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**65**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**483**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,448**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**628**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**336**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483922
Customer Sample ID: 799
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**476**	(-)	umho/cm	**Slight**			CL*			**Fertilizer Recommended**
Nitrate-N	**12**	(-)	ppm**							**0.9** lbs N/1000sqft
Phosphorus	**418**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**1010**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**6,620**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**825**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**137**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**400**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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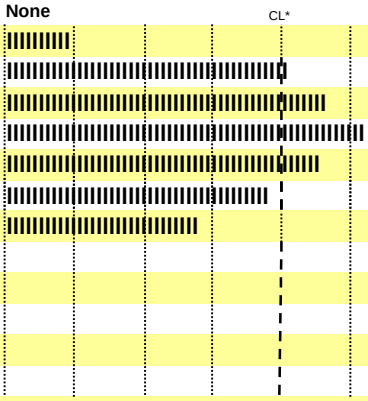
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483923
Customer Sample ID: 800
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**296**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**		**1** lbs N/1000sqft
Phosphorus	**52**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**322**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,072**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**285**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	**337**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483888
Customer Sample ID: 802
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**303**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**15**	(-)	ppm**							**0.7**	lbs N/1000sqft
Phosphorus	**147**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**476**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**15,469**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**452**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**51**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483890
Customer Sample ID: 803
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**230**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**129**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**130**	(175)	ppm							**1** lbs K20/1000sqft
Calcium	**6,934**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**447**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**12**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483924
Customer Sample ID: 805
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**242**	(-)	umho/cm	**None**	
Nitrate-N	**15**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**225**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**381**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**11,295**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**506**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**39**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**336**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483925
Customer Sample ID: 806
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**196**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**180**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**323**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,126**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**394**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**331**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483926
Customer Sample ID: 807
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**242**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**14**	(-)	ppm**							**0.7**	lbs N/1000sqft
Phosphorus	**221**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**480**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,056**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**539**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**44**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**335**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483927
Customer Sample ID: 808
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**268**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**141**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**620**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,061**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**486**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**66**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**343**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483984
Customer Sample ID: 815
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**382**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**512**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**658**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**20,380**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**545**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**266**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**73**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484025
Customer Sample ID: 816
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**396**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**2**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**184**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**1197**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,345**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**454**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**53**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**105**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483985
Customer Sample ID: 817
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**344**	(-)	umho/cm	**None** CL*	
Nitrate-N	**90**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**121**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**234**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**19,328**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**450**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**79**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**19**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483986
Customer Sample ID: 818
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.5**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**215**	(-)	umho/cm	**None** CL*	
Nitrate-N	**2**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**151**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**260**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,703**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**457**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**50**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484026
Customer Sample ID: 819
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**452**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**140**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**796**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**15,121**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**450**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**160**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**115**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483987
Customer Sample ID: 820
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**7.4**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**330**	(-)	umho/cm	**None** CL*	**Fertilizer Recommended**
Nitrate-N	**39**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**123**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**408**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**4,894**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**488**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**56**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484027
Customer Sample ID: 821
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**443**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**102**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**981**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,053**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**390**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**88**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**116**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483988
Customer Sample ID: 822
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.5**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**318**	(-)	umho/cm	**None** CL*	
Nitrate-N	**32**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**153**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**453**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**12,386**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**489**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**33**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**43**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483963
Customer Sample ID: 823
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**448**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**18**	(-)	ppm**							**0.6** lbs N/1000sqft
Phosphorus	**24**	(50)	ppm							**2** lbs P2O5/1000sqft
Potassium	**431**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,725**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**315**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**37**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
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979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484028
Customer Sample ID: 825
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**218**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**15**	(50)	ppm							**2.7** lbs P2O5/1000sqft
Potassium	**213**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**13,715**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**295**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**17**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483989
Customer Sample ID: 826
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**282**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**29**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**182**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**381**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**14,711**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**444**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**55**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**32**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484029
Customer Sample ID: 827
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**222**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**118**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**252**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**5,913**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**354**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**26**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484132
Customer Sample ID: 828
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**		
Conductivity	**422**	(-)	umho/cm	**None**	**Fertilizer Recommended**	
Nitrate-N	**20**	(-)	ppm**		**0.5**	lbs N/1000sqft
Phosphorus	**287**	(50)	ppm		**0**	lbs P2O5/1000sqft
Potassium	**344**	(175)	ppm		**0**	lbs K20/1000sqft
Calcium	**15,713**	(180)	ppm		**0**	lbs Ca/1000sqft
Magnesium	**451**	(50)	ppm		**0**	lbs Mg/1000sgft
Sulfur	**42**	(13)	ppm		**0**	lbs S/1000sqft
Sodium	**23**	(-)	ppm			
Iron						
Zinc						
Manganese						
Copper						
Boron						
Limestone Requirement					**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484030
Customer Sample ID: 829
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**180**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**334**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**273**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**12,021**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**560**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**32**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483891
Customer Sample ID: 830
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**200**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**980**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**312**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,923**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**656**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**61**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**46**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483892
Customer Sample ID: 831
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**398**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**135**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**588**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,285**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**231**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**15**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483928
Customer Sample ID: 833
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**203**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**92**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**489**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**21,575**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**442**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**49**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**381**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483964
Customer Sample ID: 834
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**212**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**136**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**194**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**6,032**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**552**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**33**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483929
Customer Sample ID: 835
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**182**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**75**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**295**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,381**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**304**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**347**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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TEXAS A&M AGRILIFE EXTENSION

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484031
Customer Sample ID: 836
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.1	(6.5)	-	Mod. Alkaline	
Conductivity	168	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**		1.2 lbs N/1000sqft
Phosphorus	7	(50)	ppm		3.4 lbs P2O5/1000sqft
Potassium	90	(175)	ppm		1.9 lbs K20/1000sqft
Calcium	7,813	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	249	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	14	(13)	ppm		0 lbs S/1000sqft
Sodium	47	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483930
Customer Sample ID: 837
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**212**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**13**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**723**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**319**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,453**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**468**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**50**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**346**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483931
Customer Sample ID: 838
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**223**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**249**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**335**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,333**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**346**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**337**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484032
Customer Sample ID: 839
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**320**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**80**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**553**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,838**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**346**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**118**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**56**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483990
Customer Sample ID: 840
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**362**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**32**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**104**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**444**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**13,975**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**392**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**153**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**64**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483932
Customer Sample ID: 841
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.4**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**536**	(-)	umho/cm	**Slight**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**392**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**386**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**4,418**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**314**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**269**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**355**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484033
Customer Sample ID: 842
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.4**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**253**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**151**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**512**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**5,882**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**428**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**58**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484034
Customer Sample ID: 843
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**288**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**15**	(-)	ppm**							**0.7**	lbs N/1000sqft
Phosphorus	**171**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**515**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,477**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**520**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**63**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484035
Customer Sample ID: 844
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.1**	(6.5)	-	**Neutral**							
Conductivity	**268**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**52**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**175**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**305**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,529**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**501**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**49**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484036
Customer Sample ID: 845
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**478**	(-)	umho/cm	**Slight**				CL*			**Fertilizer Recommended**
Nitrate-N	**84**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**316**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**378**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**8,305**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**460**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**32**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**37**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484037
Customer Sample ID: 846
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**242**	(-)	umho/cm	**None** CL*	
Nitrate-N	**21**	(-)	ppm**		**0.4** lbs N/1000sqft
Phosphorus	**324**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**478**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,998**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**549**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484039
Customer Sample ID: 847
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**193**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**31**	(50)	ppm							**1.5** lbs P2O5/1000sqft
Potassium	**238**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**15,840**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**322**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**19**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483965
Customer Sample ID: 848
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.2**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**135**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**50**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**165**	(175)	ppm							**0.2**	lbs K20/1000sqft
Calcium	**5,399**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**174**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm							**0.25**	lbs S/1000sqft
Sodium	**9**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483966
Customer Sample ID: 849
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.2**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**220**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**93**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**315**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,521**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**478**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**34**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483893
Customer Sample ID: 850
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**312**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**490**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**396**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,068**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**877**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**40**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**63**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483991
Customer Sample ID: 851
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**203**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**2**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**110**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**251**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**25,027**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**468**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**42**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**60**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483933
Customer Sample ID: 853
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**362**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**		**1.4** lbs N/1000sqft
Phosphorus	**33**	(50)	ppm		**1.3** lbs P2O5/1000sqft
Potassium	**623**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**7,294**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**306**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	**334**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483894
Customer Sample ID: 854
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**782**	(-)	umho/cm	**Slight**				CL*		**Fertilizer Recommended**	
Nitrate-N	**164**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**580**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**528**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,349**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**1,252**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**55**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**22**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483992
Customer Sample ID: 856
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**295**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**22**	(-)	ppm**							**0.4**	lbs N/1000sqft
Phosphorus	**304**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**1644**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,021**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**581**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**56**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**65**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483993
Customer Sample ID: 857
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**233**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**188**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**267**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,006**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**585**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484133
Customer Sample ID: 858
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**346**	(-)	umho/cm	**None** CL*	
Nitrate-N	**33**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**523**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**935**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**21,928**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**443**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**119**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**113**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484040
Customer Sample ID: 860
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**370**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**342**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**510**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,112**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**675**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**71**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**114**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484041
Customer Sample ID: 861
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**222**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**13**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**206**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**257**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**10,878**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**543**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**38**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**22**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483967
Customer Sample ID: 862
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**415**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**13**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**140**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**640**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,619**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**374**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**55**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484042
Customer Sample ID: 863
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**158**	(-)	umho/cm	**None**	
Nitrate-N	**2**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**116**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**140**	(175)	ppm		**0.7** lbs K20/1000sqft
Calcium	**5,481**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**170**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	**9**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483895
Customer Sample ID: 864
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**246**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**0.9** lbs N/1000sqft
Phosphorus	**75**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**345**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**13,992**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**380**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**14**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483896
Customer Sample ID: 865
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**6.9**	(6.5)	-	**Slightly Acid**						
Conductivity	**158**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**16**	(-)	ppm**							**0.6** lbs N/1000sqft
Phosphorus	**644**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**146**	(175)	ppm							**0.6** lbs K20/1000sqft
Calcium	**3,563**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**138**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**66**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**11**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484057
Customer Sample ID: 867
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.2**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**332**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**9**	(50)	ppm							**3.2**	lbs P2O5/1000sqft
Potassium	**344**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**18,566**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**125**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**11**	(13)	ppm							**0.25**	lbs S/1000sqft
Sodium	**32**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483934
Customer Sample ID: 868
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**252**	(-)	umho/cm	**None** CL*	
Nitrate-N	**10**	(-)	ppm**		**1** lbs N/1000sqft
Phosphorus	**173**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**422**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,679**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**377**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**15**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**330**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483897
Customer Sample ID: 869
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**218**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**0**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**333**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**777**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,068**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**470**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**260**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**171**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484058
Customer Sample ID: 870
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**248**	(-)	umho/cm	**None** (CL*)	
Nitrate-N	**14**	(-)	ppm**		**0.8** lbs N/1000sqft
Phosphorus	**214**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**293**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**11,017**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**662**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**32**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**64**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483994
Customer Sample ID: 871
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**343**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**222**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**296**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**6,333**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**1,402**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**79**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**46**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

TEXAS A&M AGRILIFE EXTENSION

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483935
Customer Sample ID: 872
Crop Grown: GARDEN

Analysis	Results	CL*	Units	Level	Fertilizer Recommended
pH	7.9	(6.5)	-	Mod. Alkaline	
Conductivity	198	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**	ExLow	1.2 lbs N/1000sqft
Phosphorus	74	(50)	ppm	High	0 lbs P2O5/1000sqft
Potassium	293	(175)	ppm	High	0 lbs K20/1000sqft
Calcium	5,266	(180)	ppm	High	0 lbs Ca/1000sqft
Magnesium	384	(50)	ppm	High	0 lbs Mg/1000sqft
Sulfur	14	(13)	ppm	Mod	0 lbs S/1000sqft
Sodium	321	(-)	ppm	Low	
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483995
Customer Sample ID: 873
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**258**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**16**	(-)	ppm**							**0.7**	lbs N/1000sqft
Phosphorus	**578**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**262**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,718**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**1,414**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**50**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**49**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483996
Customer Sample ID: 874
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	8.3	(6.5)	-	Mod. Alkaline	
Conductivity	178	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	52	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	283	(175)	ppm		**0** lbs K20/1000sqft
Calcium	10,187	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	406	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	14	(13)	ppm		**0** lbs S/1000sqft
Sodium	32	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484059
Customer Sample ID: 876
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.4**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**333**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**11**	(-)	ppm**							**0.9** lbs N/1000sqft
Phosphorus	**424**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**511**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**13,145**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**608**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**56**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484060
Customer Sample ID: 877
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**482**	(-)	umho/cm	**Slight**				CL*			**Fertilizer Recommended**
Nitrate-N	**31**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**313**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**761**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**13,249**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**451**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**181**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**63**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483898
Customer Sample ID: 879
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**292**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**117**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**434**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**9,962**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**476**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**49**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**75**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484043
Customer Sample ID: 880
Crop Grown: GARDEN

Analysis	Results	CL*	Units	Level (ExLow / VLow / Low / Mod / High / VHigh / Excess.)	Fertilizer Recommended
pH	8.1	(6.5)	-	Mod. Alkaline	
Conductivity	175	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**	ExLow	1.2 lbs N/1000sqft
Phosphorus	38	(50)	ppm	Mod	0.9 lbs P2O5/1000sqft
Potassium	147	(175)	ppm	Mod	0.6 lbs K20/1000sqft
Calcium	12,601	(180)	ppm	VHigh	0 lbs Ca/1000sqft
Magnesium	255	(50)	ppm	High	0 lbs Mg/1000sqft
Sulfur	18	(13)	ppm	High	0 lbs S/1000sqft
Sodium	29	(-)	ppm	ExLow	
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483899
Customer Sample ID: 881
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**369**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**24**	(-)	ppm**							**0.3**	lbs N/1000sqft
Phosphorus	**226**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**436**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,957**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**595**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**84**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**40**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483968
Customer Sample ID: 882
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.2**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**208**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**40**	(50)	ppm							**0.7** lbs P2O5/1000sqft
Potassium	**226**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**24,516**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**451**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**32**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483997
Customer Sample ID: 883
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.0	(6.5)	-	Mod. Alkaline	
Conductivity	188	(-)	umho/cm	None	
Nitrate-N	3	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	253	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	449	(175)	ppm		0 lbs K20/1000sqft
Calcium	8,978	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	322	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	15	(13)	ppm		0 lbs S/1000sqft
Sodium	18	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484044
Customer Sample ID: 884
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**1,410**	(-)	umho/cm	**Moderate**				CL*			**Fertilizer Recommended**
Nitrate-N	**85**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**499**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**461**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**13,242**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**559**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**658**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**67**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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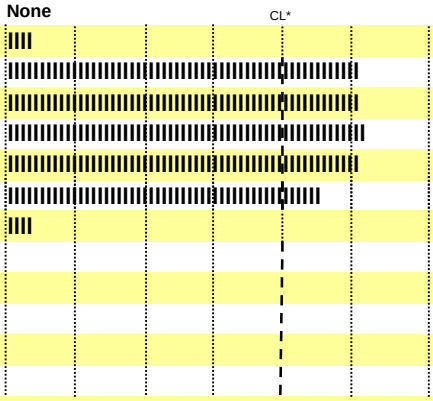
Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483969
Customer Sample ID: 885
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**339**	(-)	umho/cm	**None**	
Nitrate-N	**5**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**94**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**439**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**14,246**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**441**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**22**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483998
Customer Sample ID: 886
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**753**	(-)	umho/cm	**Slight**				CL*		**Fertilizer Recommended**	
Nitrate-N	**84**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**490**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**806**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**10,318**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**622**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**187**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**61**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484045
Customer Sample ID: 889
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**249**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**30**	(50)	ppm							**1.5**	lbs P2O5/1000sqft
Potassium	**229**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,642**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**340**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**16**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**9**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483999
Customer Sample ID: 890
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.0**	(6.5)	-	**Slightly Acid**	
Conductivity	**422**	(-)	umho/cm	**None** CL*	
Nitrate-N	**42**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**391**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**295**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,748**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**525**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**116**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**26**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484046
Customer Sample ID: 891
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**305**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**20**	(-)	ppm**							**0.5**	lbs N/1000sqft
Phosphorus	**299**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**268**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**4,603**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**420**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**40**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**34**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484047
Customer Sample ID: 892
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**450**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**107**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**18**	(50)	ppm		**2.5** lbs P2O5/1000sqft
Potassium	**266**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**28,034**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**218**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**29**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**30**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 484134
Customer Sample ID: 893
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**202**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**6**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**24**	(50)	ppm		**2** lbs P2O5/1000sqft
Potassium	**195**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**24,320**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**252**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**24**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484000
Customer Sample ID: 894
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**183**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**		**1** lbs N/1000sqft
Phosphorus	**330**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**137**	(175)	ppm		**0.8** lbs K20/1000sqft
Calcium	**8,428**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**380**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Area Represented: not provided

Travis County
Laboratory Number: 484001
Customer Sample ID: 895
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**225**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**265**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**323**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,242**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**296**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**42**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484002
Customer Sample ID: 896
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**218**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**308**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**282**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,847**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**429**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**17**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484003
Customer Sample ID: 897
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.2**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**269**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**321**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**343**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**4,554**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**357**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**32**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483936
Customer Sample ID: 898
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**5.7**	(6.5)	-	**Mod. Acid**							
Conductivity	**225**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**61**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**146**	(175)	ppm							**0.6**	lbs K20/1000sqft
Calcium	**1,835**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**367**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**344**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**30.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484048
Customer Sample ID: 899
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**222**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**71**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**245**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,757**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**380**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**13**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483937
Customer Sample ID: 903
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**245**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**19**	(-)	ppm**							**0.5**	lbs N/1000sqft
Phosphorus	**247**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**402**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,259**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**409**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**32**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**355**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484004
Customer Sample ID: 904
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**328**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**8**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**71**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**245**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,048**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**568**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**25**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 484005
Customer Sample ID: 906
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**253**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**48**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**321**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**157**	(175)	ppm								**0.4** lbs K20/1000sqft
Calcium	**11,951**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**620**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**47**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 483970
Customer Sample ID: 908
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**402**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**14**	(-)	ppm**							**0.8** lbs N/1000sqft
Phosphorus	**308**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**905**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,628**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**548**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**212**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**66**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483900
Customer Sample ID: 909
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**168**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**468**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**447**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,788**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**601**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**45**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**47**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484006
Customer Sample ID: 910
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.3**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**246**	(-)	umho/cm	**None** CL*	
Nitrate-N	**31**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**7**	(50)	ppm		**3.4** lbs P2O5/1000sqft
Potassium	**156**	(175)	ppm		**0.4** lbs K20/1000sqft
Calcium	**23,253**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**461**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**44**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**31**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483901
Customer Sample ID: 911
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.1	(6.5)	-	Mod. Alkaline	
Conductivity	213	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	69	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	169	(175)	ppm		**0.1** lbs K20/1000sqft
Calcium	10,981	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	282	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	17	(13)	ppm		**0** lbs S/1000sqft
Sodium	14	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484049
Customer Sample ID: 912
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**226**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**52**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**164**	(175)	ppm							**0.2**	lbs K20/1000sqft
Calcium	**6,543**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**345**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm							**0.25**	lbs S/1000sqft
Sodium	**9**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484007
Customer Sample ID: 913
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**213**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**14**	(-)	ppm**							**0.8**	lbs N/1000sqft
Phosphorus	**131**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**217**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,200**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**386**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**16**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483971
Customer Sample ID: 914
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**480**	(-)	umho/cm	**Slight**	
Nitrate-N	**35**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**25**	(50)	ppm		**1.9** lbs P2O5/1000sqft
Potassium	**437**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,090**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**226**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**17**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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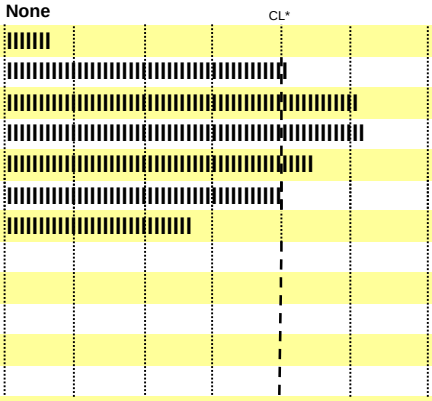
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483938
Customer Sample ID: 915
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**269**	(-)	umho/cm	**None**	
Nitrate-N	**8**	(-)	ppm**		**1.1** lbs N/1000sqft
Phosphorus	**53**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**421**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**7,610**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**228**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	**321**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484061
Customer Sample ID: 916
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**206**	(-)	umho/cm	**None** CL*	
Nitrate-N	**15**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**91**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**216**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,447**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**256**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**15**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484062
Customer Sample ID: 917
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**200**	(-)	umho/cm	**None**	
Nitrate-N	**8**	(-)	ppm**		**1.1** lbs N/1000sqft
Phosphorus	**188**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**199**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,499**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**260**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**16**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**9**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484008
Customer Sample ID: 918
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.4**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**129**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**12**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**17**	(50)	ppm							**2.6**	lbs P2O5/1000sqft
Potassium	**191**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**26,329**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**330**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**18**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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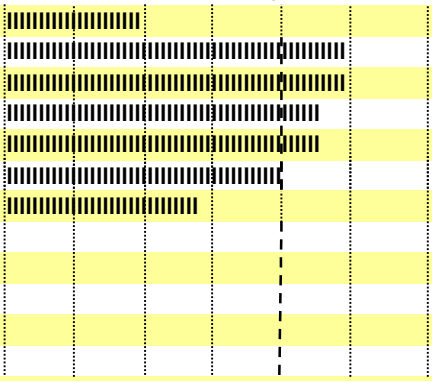
Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483939
Customer Sample ID: 919
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**236**	(-)	umho/cm	**None**	
Nitrate-N	**15**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**86**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**367**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,072**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**289**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**13**	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	**337**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483972
Customer Sample ID: 920
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**219**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**21**	(-)	ppm**							**0.4** lbs N/1000sqft
Phosphorus	**26**	(50)	ppm							**1.9** lbs P2O5/1000sqft
Potassium	**237**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,037**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**226**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**15**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484010
Customer Sample ID: 922
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**181**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**2**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**84**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**221**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,241**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**407**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**36**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483940
Customer Sample ID: 923
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**312**	(-)	umho/cm	**None** CL*	
Nitrate-N	**19**	(-)	ppm**		**0.5** lbs N/1000sqft
Phosphorus	**98**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**336**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**16,203**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**344**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**29**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**333**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483941
Customer Sample ID: 924
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**393**	(-)	umho/cm	**None** CL*	
Nitrate-N	**32**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**151**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**567**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**10,460**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**425**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**328**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484011
Customer Sample ID: 925
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**115**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**6**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**58**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**131**	(175)	ppm							**1** lbs K20/1000sqft
Calcium	**14,634**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**351**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**25**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484012
Customer Sample ID: 926
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**410**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**8**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**53**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**411**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,735**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**303**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**30**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483942
Customer Sample ID: 927
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.2**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**282**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**26**	(50)	ppm							**1.9** lbs P2O5/1000sqft
Potassium	**285**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,280**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**342**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**53**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**346**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484063
Customer Sample ID: 928
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**552**	(-)	umho/cm	**Slight**				CL*			**Fertilizer Recommended**
Nitrate-N	**52**	(-)	ppm**								**0** lbs N/1000sqft
Phosphorus	**179**	(50)	ppm								**0** lbs P2O5/1000sqft
Potassium	**668**	(175)	ppm								**0** lbs K20/1000sqft
Calcium	**4,163**	(180)	ppm								**0** lbs Ca/1000sqft
Magnesium	**531**	(50)	ppm								**0** lbs Mg/1000sgft
Sulfur	**101**	(13)	ppm								**0** lbs S/1000sqft
Sodium	**52**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484064
Customer Sample ID: 930
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**5.9**	(6.5)	-	**Mod. Acid**							
Conductivity	**100**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**14**	(50)	ppm							**2.8**	lbs P2O5/1000sqft
Potassium	**97**	(175)	ppm							**1.7**	lbs K20/1000sqft
Calcium	**912**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**131**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**7**	(13)	ppm							**0.5**	lbs S/1000sqft
Sodium	**10**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**10.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483943
Customer Sample ID: 931
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**223**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**10**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**124**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**309**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,421**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**367**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**15**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**325**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484135
Customer Sample ID: 932
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.7**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**392**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**199**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**397**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**11,907**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**635**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**33**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483973
Customer Sample ID: 933
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.1**	(6.5)	-	**Neutral**							
Conductivity	**1,110**	(-)	umho/cm	**Moderate**				CL*		**Fertilizer Recommended**	
Nitrate-N	**66**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**456**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**408**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,119**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**743**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**481**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**48**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484065
Customer Sample ID: 934
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**6.8**	(6.5)	-	**Slightly Acid**							
Conductivity	**989**	(-)	umho/cm	**Moderate**				CL*		**Fertilizer Recommended**	
Nitrate-N	**51**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**468**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**399**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,013**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**618**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**645**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**59**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
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Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484066
Customer Sample ID: 935
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**436**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**14**	(50)	ppm							**2.8** lbs P2O5/1000sqft
Potassium	**251**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,165**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**387**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**58**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484013
Customer Sample ID: 936
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**326**	(-)	umho/cm	**None**	
Nitrate-N	**16**	(-)	ppm**		**0.6** lbs N/1000sqft
Phosphorus	**103**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**357**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**8,113**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**726**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**45**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483974
Customer Sample ID: 937
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.6**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**723**	(-)	umho/cm	**Slight**			CL*			**Fertilizer Recommended**
Nitrate-N	**66**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**138**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**587**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,112**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**567**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**48**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**44**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483975
Customer Sample ID: 938
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**212**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**126**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**246**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,538**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**277**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**20**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484136
Customer Sample ID: 941
Crop Grown: GARDEN

Analysis	Results	CL*	Units	Level (ExLow / VLow / Low / Mod / High / VHigh / Excess.)	Fertilizer Recommended
pH	7.8	(6.5)	-	Mod. Alkaline	
Conductivity	268	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		1.2 lbs N/1000sqft
Phosphorus	132	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	252	(175)	ppm		0 lbs K20/1000sqft
Calcium	8,014	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	366	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	18	(13)	ppm		0 lbs S/1000sqft
Sodium	12	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483983
Customer Sample ID: 943
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	7.6	(6.5)	-	Slightly Alkaline	
Conductivity	168	(-)	umho/cm	None (CL*)	
Nitrate-N	4	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	176	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	113	(175)	ppm		1.4 lbs K20/1000sqft
Calcium	7,725	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	318	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	36	(13)	ppm		0 lbs S/1000sqft
Sodium	23	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483976
Customer Sample ID: 944
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.1**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**279**	(-)	umho/cm	**None** CL*	
Nitrate-N	**59**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**320**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**181**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**4,906**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**304**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**48**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483977
Customer Sample ID: 945
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**175**	(-)	umho/cm	**None**	
Nitrate-N	**15**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**118**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**239**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,466**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**328**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**35**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484137
Customer Sample ID: 946
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.2**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**136**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**18**	(-)	ppm**							**0.6** lbs N/1000sqft
Phosphorus	**356**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**127**	(175)	ppm							**1.1** lbs K20/1000sqft
Calcium	**4,132**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**219**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**7**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483978
Customer Sample ID: 949
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**346**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**156**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**439**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**10,179**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**553**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**29**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484068
Customer Sample ID: 950
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.7	(6.5)	-	Mod. Alkaline	
Conductivity	298	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		1.2 lbs N/1000sqft
Phosphorus	168	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	240	(175)	ppm		0 lbs K20/1000sqft
Calcium	10,639	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	726	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	28	(13)	ppm		0 lbs S/1000sqft
Sodium	33	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484138
Customer Sample ID: 951
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**318**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**176**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**344**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,930**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**495**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484139
Customer Sample ID: 952
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**208**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**94**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**252**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**4,996**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**306**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**15**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**11**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484140
Customer Sample ID: 953
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**6.9**	(6.5)	-	**Slightly Acid**							
Conductivity	**76**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**10**	(50)	ppm							**3.2**	lbs P2O5/1000sqft
Potassium	**41**	(175)	ppm							**3**	lbs K20/1000sqft
Calcium	**564**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**56**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**3**	(13)	ppm							**1**	lbs S/1000sqft
Sodium	**3**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484141
Customer Sample ID: 954
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**6.2**	(6.5)	-	**Slightly Acid**							
Conductivity	**82**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**	IIII						**1.2**	lbs N/1000sqft
Phosphorus	**11**	(50)	ppm	IIIIIIIIIIIIIIIIIIII						**3.1**	lbs P2O5/1000sqft
Potassium	**46**	(175)	ppm	IIIIIIIIIIIIIIII						**2.9**	lbs K20/1000sqft
Calcium	**476**	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Ca/1000sqft
Magnesium	**62**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Mg/1000sgft
Sulfur	**5**	(13)	ppm	IIIIIIIIIIIIIIIIIIII						**1**	lbs S/1000sqft
Sodium	**3**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**10.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484142
Customer Sample ID: 955
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**6.7**	(6.5)	-	**Slightly Acid**							
Conductivity	**96**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**	III						**1.2**	lbs N/1000sqft
Phosphorus	**7**	(50)	ppm	IIIIIIIIIIIIIII						**3.4**	lbs P2O5/1000sqft
Potassium	**39**	(175)	ppm	IIIIIIIIIIIIIII						**3.1**	lbs K20/1000sqft
Calcium	**805**	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Ca/1000sqft
Magnesium	**101**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Mg/1000sgft
Sulfur	**5**	(13)	ppm	IIIIIIIIIIIIIIIIIIIII						**1**	lbs S/1000sqft
Sodium	**3**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484143
Customer Sample ID: 956
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**6.1**	(6.5)	-	**Slightly Acid**						
Conductivity	**73**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**							**1.3** lbs N/1000sqft
Phosphorus	**7**	(50)	ppm							**3.4** lbs P2O5/1000sqft
Potassium	**32**	(175)	ppm							**3.2** lbs K20/1000sqft
Calcium	**441**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**70**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**3**	(13)	ppm							**1** lbs S/1000sqft
Sodium	**4**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**10.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484144
Customer Sample ID: 957
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.0**	(6.5)	-	**Neutral**							
Conductivity	**82**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**5**	(-)	ppm**	III						**1.2**	lbs N/1000sqft
Phosphorus	**9**	(50)	ppm	IIIIIIIIIIIIIIIIIII						**3.2**	lbs P2O5/1000sqft
Potassium	**47**	(175)	ppm	IIIIIIIIIIIIIIIII						**2.9**	lbs K20/1000sqft
Calcium	**595**	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Ca/1000sqft
Magnesium	**69**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Mg/1000sgft
Sulfur	**4**	(13)	ppm	IIIIIIIIIIIIIIIIIII						**1**	lbs S/1000sqft
Sodium	**2**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484145
Customer Sample ID: 958
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**92**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**	II						**1.3**	lbs N/1000sqft
Phosphorus	**8**	(50)	ppm	IIIIIIIIIIIIIIII						**3.3**	lbs P2O5/1000sqft
Potassium	**53**	(175)	ppm	IIIIIIIIIIIIIIIIII						**2.8**	lbs K20/1000sqft
Calcium	**1,045**	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Ca/1000sqft
Magnesium	**94**	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII						**0**	lbs Mg/1000sgft
Sulfur	**5**	(13)	ppm	IIIIIIIIIIIIIIIIIII						**0.5**	lbs S/1000sqft
Sodium	**4**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Soil Analysis Report

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484146
Customer Sample ID: 959
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	8.1	(6.5)	-	Mod. Alkaline	
Conductivity	248	(-)	umho/cm	None	
Nitrate-N	3	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	14	(50)	ppm		**2.8** lbs P2O5/1000sqft
Potassium	184	(175)	ppm		**0** lbs K20/1000sqft
Calcium	13,345	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	102	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	11	(13)	ppm		**0.25** lbs S/1000sqft
Sodium	12	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

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ProAnalysisVer. 2.19i

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484050
Customer Sample ID: 960
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**292**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**44**	(50)	ppm							**0.4** lbs P2O5/1000sqft
Potassium	**233**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,244**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**718**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**47**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**84**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483979
Customer Sample ID: 961
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**182**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**2**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**433**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**238**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**15,460**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**736**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**44**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**29**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484014
Customer Sample ID: 962
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**208**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**4**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**151**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**346**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**16,701**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**369**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**47**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**36**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484051
Customer Sample ID: 963
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**363**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**19**	(-)	ppm**							**0.5** lbs N/1000sqft
Phosphorus	**175**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**317**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,766**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**586**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**45**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**66**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484015
Customer Sample ID: 964
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**230**	(-)	umho/cm	**None**	
Nitrate-N	**5**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**42**	(50)	ppm		**0.6** lbs P2O5/1000sqft
Potassium	**207**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,789**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**229**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**14**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**34**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484016
Customer Sample ID: 965
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**258**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**7**	(50)	ppm							**3.4**	lbs P2O5/1000sqft
Potassium	**289**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**16,025**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**233**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**10**	(13)	ppm							**0.25**	lbs S/1000sqft
Sodium	**12**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484017
Customer Sample ID: 966
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**833**	(-)	umho/cm	**Slight**			CL*			**Fertilizer Recommended**
Nitrate-N	**94**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**569**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**401**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,571**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**316**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**290**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484147
Customer Sample ID: 967
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**348**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**105**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**282**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**9,925**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**257**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**77**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**75**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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TEXAS A&M AGRILIFE EXTENSION

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483981
Customer Sample ID: 968
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.2	(6.5)	-	Mod. Alkaline	
Conductivity	253	(-)	umho/cm	None	
Nitrate-N	7	(-)	ppm**	IIIIII	1.1 lbs N/1000sqft
Phosphorus	34	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1.2 lbs P2O5/1000sqft
Potassium	341	(175)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0 lbs K20/1000sqft
Calcium	9,809	(180)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0 lbs Ca/1000sqft
Magnesium	235	(50)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0 lbs Mg/1000sqft
Sulfur	22	(13)	ppm	IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	0 lbs S/1000sqft
Sodium	20	(-)	ppm	IIII	
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484018
Customer Sample ID: 969
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**324**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**141**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**590**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,588**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**646**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**14**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 483982
Customer Sample ID: 970
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**298**	(-)	umho/cm	**None** CL*	
Nitrate-N	**18**	(-)	ppm**		**0.5** lbs N/1000sqft
Phosphorus	**154**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**374**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**10,212**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**326**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**14**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484052
Customer Sample ID: 972
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	8.0	(6.5)	-	Mod. Alkaline	
Conductivity	219	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**		1.2 lbs N/1000sqft
Phosphorus	126	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	284	(175)	ppm		0 lbs K20/1000sqft
Calcium	8,203	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	205	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	14	(13)	ppm		0 lbs S/1000sqft
Sodium	13	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484053
Customer Sample ID: 973
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**278**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**111**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**272**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,322**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**346**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**17**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484054
Customer Sample ID: 974
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.2**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**216**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**122**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**212**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**11,707**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**225**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**17**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**16**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484055
Customer Sample ID: 975
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**316**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**107**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**337**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**8,141**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**405**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**13**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
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College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484056
Customer Sample ID: 976
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**275**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**96**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**288**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,504**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**370**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**14**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**16**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484019
Customer Sample ID: 977
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**177**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**							**1.3** lbs N/1000sqft
Phosphorus	**33**	(50)	ppm							**1.3** lbs P2O5/1000sqft
Potassium	**231**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**20,320**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**292**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484020
Customer Sample ID: 978
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.2**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**191**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**11**	(50)	ppm							**3.1** lbs P2O5/1000sqft
Potassium	**174**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**21,848**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**315**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484021
Customer Sample ID: 979
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**203**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**172**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**275**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,658**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**235**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**23**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484022
Customer Sample ID: 980
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.3**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**142**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**7**	(50)	ppm							**3.4** lbs P2O5/1000sqft
Potassium	**151**	(175)	ppm							**0.5** lbs K20/1000sqft
Calcium	**28,303**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**461**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**30**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484023
Customer Sample ID: 981
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**239**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**16**	(-)	ppm**							**0.6**	lbs N/1000sqft
Phosphorus	**288**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**188**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,990**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**486**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**26**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**19**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484097
Customer Sample ID: 982
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**495**	(-)	umho/cm	**Slight**				CL*		**Fertilizer Recommended**	
Nitrate-N	**86**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**119**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**235**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**10,407**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**252**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**24**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484098
Customer Sample ID: 983
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**156**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**7**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**185**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**117**	(175)	ppm							**1.3** lbs K20/1000sqft
Calcium	**4,511**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**206**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**22**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484099
Customer Sample ID: 984
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.0**	(6.5)	-	**Slightly Acid**	
Conductivity	**588**	(-)	umho/cm	**Slight** CL*	
Nitrate-N	**67**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**489**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**584**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**7,296**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**796**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**44**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**24**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484101
Customer Sample ID: 985
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.8	(6.5)	-	Mod. Alkaline	
Conductivity	316	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	227	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	345	(175)	ppm		**0** lbs K20/1000sqft
Calcium	10,008	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	294	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	14	(13)	ppm		**0** lbs S/1000sqft
Sodium	19	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484102
Customer Sample ID: 986
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**288**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**21**	(50)	ppm							**2.2** lbs P2O5/1000sqft
Potassium	**304**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**16,669**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**252**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**19**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**18**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484024
Customer Sample ID: 987
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.4**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**191**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**0**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**24**	(50)	ppm							**2.1** lbs P2O5/1000sqft
Potassium	**245**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**18,070**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**442**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**37**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**20**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484103
Customer Sample ID: 988
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**398**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**17**	(-)	ppm**							**0.6**	lbs N/1000sqft
Phosphorus	**120**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**287**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,001**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**412**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**21**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484148
Customer Sample ID: 989
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.6	(6.5)	-	Slightly Alkaline	
Conductivity	398	(-)	umho/cm	None	
Nitrate-N	3	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	136	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	208	(175)	ppm		0 lbs K20/1000sqft
Calcium	6,228	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	641	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	137	(13)	ppm		0 lbs S/1000sqft
Sodium	35	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484149
Customer Sample ID: 990
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**305**	(-)	umho/cm	**None**				CL*			**Fertilizer Recommended**
Nitrate-N	**26**	(-)	ppm**							**0.2**	lbs N/1000sqft
Phosphorus	**380**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**268**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**8,792**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**513**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**127**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**29**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484150
Customer Sample ID: 991
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**7.4**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**401**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**61**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**45**	(50)	ppm		**0.3** lbs P2O5/1000sqft
Potassium	**437**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**14,983**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**469**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**38**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**23**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484104
Customer Sample ID: 992
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.9	(6.5)	-	Mod. Alkaline	
Conductivity	303	(-)	umho/cm	None	
Nitrate-N	4	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	83	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	336	(175)	ppm		0 lbs K20/1000sqft
Calcium	14,327	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	334	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	20	(13)	ppm		0 lbs S/1000sqft
Sodium	22	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484105
Customer Sample ID: 993
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.4**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**171**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**816**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**214**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,969**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**375**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**30**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484106
Customer Sample ID: 994
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**263**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**43**	(50)	ppm							**0.5**	lbs P2O5/1000sqft
Potassium	**236**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,999**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**263**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**12**	(13)	ppm							**0.25**	lbs S/1000sqft
Sodium	**13**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Sulfur: Available sulfur may be found deeper in soil profile, thus limiting any response to added sulfur.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484107
Customer Sample ID: 995
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**324**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**4**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**50**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**329**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,780**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**227**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**10**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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PO Box 1088
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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484108
Customer Sample ID: 996
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**289**	(-)	umho/cm	**None** (CL*)	**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**64**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**141**	(175)	ppm		**0.7** lbs K20/1000sqft
Calcium	**14,617**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**311**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**66**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484109
Customer Sample ID: 997
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.2**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**270**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**149**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**295**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,471**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**462**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**40**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**31**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484110
Customer Sample ID: 998
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.9**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**340**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**13**	(-)	ppm**							**0.8** lbs N/1000sqft
Phosphorus	**48**	(50)	ppm							**0.1** lbs P2O5/1000sqft
Potassium	**315**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**10,780**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**266**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**23**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484069
Customer Sample ID: 999
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**187**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**4**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**32**	(50)	ppm							**1.4**	lbs P2O5/1000sqft
Potassium	**185**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,260**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**393**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**16**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
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979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484070
Customer Sample ID: 1000
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**212**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**7**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**177**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**146**	(175)	ppm							**0.6** lbs K20/1000sqft
Calcium	**6,253**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**285**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**15**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484071
Customer Sample ID: 1001
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**309**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**7**	(-)	ppm**		**1.1** lbs N/1000sqft
Phosphorus	**67**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**327**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**9,023**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**340**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**13**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484072
Customer Sample ID: 1002
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	Fertilizer Recommended
pH	7.7	(6.5)	-	Mod. Alkaline							
Conductivity	352	(-)	umho/cm	None							
Nitrate-N	3	(-)	ppm**								1.3 lbs N/1000sqft
Phosphorus	193	(50)	ppm								0 lbs P2O5/1000sqft
Potassium	527	(175)	ppm								0 lbs K20/1000sqft
Calcium	10,850	(180)	ppm								0 lbs Ca/1000sqft
Magnesium	417	(50)	ppm								0 lbs Mg/1000sqft
Sulfur	23	(13)	ppm								0 lbs S/1000sqft
Sodium	36	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement											0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484073
Customer Sample ID: 1003
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**235**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**46**	(50)	ppm							**0.3** lbs P2O5/1000sqft
Potassium	**323**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**20,064**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**302**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**27**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484111
Customer Sample ID: 1004
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**375**	(-)	umho/cm	**None**	
Nitrate-N	**22**	(-)	ppm**		**0.3** lbs N/1000sqft
Phosphorus	**123**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**713**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**19,041**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**410**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**29**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484151
Customer Sample ID: 1006
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.6**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**168**	(-)	umho/cm	**None** CL*	
Nitrate-N	**18**	(-)	ppm**		**0.5** lbs N/1000sqft
Phosphorus	**252**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**169**	(175)	ppm		**0.1** lbs K20/1000sqft
Calcium	**4,832**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**218**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**37**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**11**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484152
Customer Sample ID: 1007
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**8.1**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**252**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**45**	(50)	ppm		**0.3** lbs P2O5/1000sqft
Potassium	**204**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**8,392**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**249**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**53**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**55**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484112
Customer Sample ID: 1008
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.1**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**143**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**1**	(-)	ppm**							**1.4** lbs N/1000sqft
Phosphorus	**12**	(50)	ppm							**3** lbs P2O5/1000sqft
Potassium	**193**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**9,472**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**199**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**32**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484113
Customer Sample ID: 1009
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.6**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**212**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**20**	(-)	ppm**		**0.4** lbs N/1000sqft
Phosphorus	**214**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**244**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,074**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**286**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**29**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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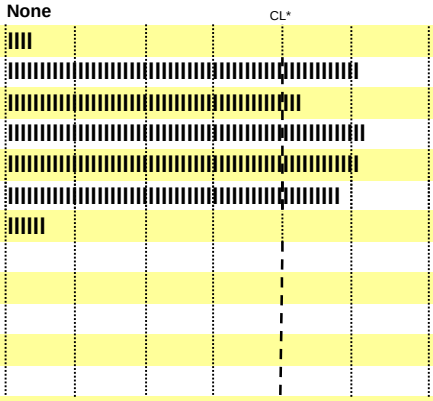
Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484114
Customer Sample ID: 1010
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**246**	(-)	umho/cm	**None**	
Nitrate-N	**6**	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	**91**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**245**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**11,124**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**437**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**25**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484115
Customer Sample ID: 1011
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**252**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**173**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**272**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**5,162**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**316**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**8**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Area Represented: not provided

Travis County
Laboratory Number: 484116
Customer Sample ID: 1012
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**231**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**7**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**79**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**252**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,997**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**332**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**9**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484117
Customer Sample ID: 1013
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.6**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**283**	(-)	umho/cm	**None** CL*	
Nitrate-N	**12**	(-)	ppm**		**0.8** lbs N/1000sqft
Phosphorus	**58**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**253**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,769**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**307**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**78**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**7**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484118
Customer Sample ID: 1014
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**342**	(-)	umho/cm	**None**	
Nitrate-N	**12**	(-)	ppm**		**0.8** lbs N/1000sqft
Phosphorus	**164**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**369**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**8,827**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**225**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**16**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484119
Customer Sample ID: 1015
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**132**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**154**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**219**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**3,845**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**185**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**32**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484120
Customer Sample ID: 1016
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**286**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**11**	(-)	ppm**							**0.9**	lbs N/1000sqft
Phosphorus	**226**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**471**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,494**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**389**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**32**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484074
Customer Sample ID: 1017
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**333**	(-)	umho/cm	**None** CL*	**Fertilizer Recommended**
Nitrate-N	**14**	(-)	ppm**		**0.7** lbs N/1000sqft
Phosphorus	**114**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**293**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,989**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**386**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**11**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484075
Customer Sample ID: 1018
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.7	(6.5)	-	Mod. Alkaline	
Conductivity	266	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	138	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	251	(175)	ppm		**0** lbs K20/1000sqft
Calcium	6,399	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	294	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	21	(13)	ppm		**0** lbs S/1000sqft
Sodium	13	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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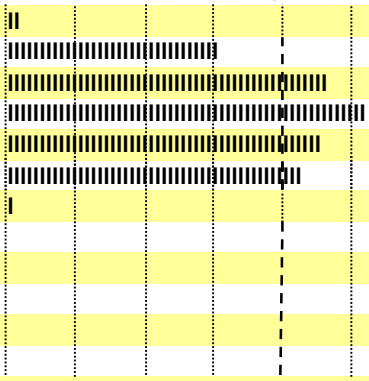
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484076
Customer Sample ID: 1019
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**308**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**3**	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	**20**	(50)	ppm		**2.3** lbs P2O5/1000sqft
Potassium	**303**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**7,221**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**257**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**19**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**8**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft



*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484077
Customer Sample ID: 1020
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**266**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**14**	(-)	ppm**							**0.8** lbs N/1000sqft
Phosphorus	**114**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**205**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**12,500**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**298**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**18**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484078
Customer Sample ID: 1021
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.9	(6.5)	-	Mod. Alkaline	
Conductivity	263	(-)	umho/cm	None	
Nitrate-N	2	(-)	ppm**		**1.3** lbs N/1000sqft
Phosphorus	18	(50)	ppm		**2.5** lbs P2O5/1000sqft
Potassium	156	(175)	ppm		**0.4** lbs K20/1000sqft
Calcium	12,661	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	242	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	16	(13)	ppm		**0** lbs S/1000sqft
Sodium	11	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484079
Customer Sample ID: 1022
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.5**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**322**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**15**	(-)	ppm**							**0.7**	lbs N/1000sqft
Phosphorus	**201**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**405**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**7,433**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**489**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**31**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**14**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

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Sample received on: 4/19/2017
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Area Represented: not provided

Travis County
Laboratory Number: 484080
Customer Sample ID: 1023
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.0**	(6.5)	-	**Slightly Acid**	
Conductivity	**2,370**	(-)	umho/cm	**V. High** CL*	
Nitrate-N	**48**	(-)	ppm**		**0** lbs N/1000sqft
Phosphorus	**274**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**1286**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**5,890**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**432**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**4,386**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**236**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484081
Customer Sample ID: 1024
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.4**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**376**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**22**	(-)	ppm**							**0.3**	lbs N/1000sqft
Phosphorus	**304**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**180**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**9,677**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**687**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**72**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**29**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484082
Customer Sample ID: 1025
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.5	(6.5)	-	Slightly Alkaline	
Conductivity	220	(-)	umho/cm	None	
Nitrate-N	5	(-)	ppm**		1.2 lbs N/1000sqft
Phosphorus	454	(50)	ppm		0 lbs P2O5/1000sqft
Potassium	222	(175)	ppm		0 lbs K20/1000sqft
Calcium	11,404	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	302	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	39	(13)	ppm		0 lbs S/1000sqft
Sodium	19	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484083
Customer Sample ID: 1026
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**240**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**5**	(-)	ppm**	III						**1.2**	lbs N/1000sqft
Phosphorus	**267**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**201**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**14,152**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**345**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**35**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**14**	(-)	ppm	II							
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484084
Customer Sample ID: 1027
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**250**	(-)	umho/cm	**None**	**Fertilizer Recommended**
Nitrate-N	**2**	(-)	ppm**		**1.4** lbs N/1000sqft
Phosphorus	**107**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**254**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,384**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**436**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**30**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**19**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484121
Customer Sample ID: 1028
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.3**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**115**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**1**	(-)	ppm**							**1.4**	lbs N/1000sqft
Phosphorus	**4**	(50)	ppm							**3.6**	lbs P2O5/1000sqft
Potassium	**125**	(175)	ppm							**1.1**	lbs K20/1000sqft
Calcium	**29,922**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**411**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**27**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**27**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484122
Customer Sample ID: 1029
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**236**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**	
Nitrate-N	**2**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**163**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**183**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**6,782**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**269**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**15**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**8**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484123
Customer Sample ID: 1030
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**235**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**8**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**58**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**270**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,657**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**323**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**31**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484085
Customer Sample ID: 1031
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**255**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**9**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**245**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**343**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**11,918**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**369**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**39**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**17**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484086
Customer Sample ID: 1032
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	
pH	**7.6**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**489**	(-)	umho/cm	**Slight** (CL*)	**Fertilizer Recommended**
Nitrate-N	**7**	(-)	ppm**		**1.1** lbs N/1000sqft
Phosphorus	**119**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**515**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**10,001**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**1,094**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**20**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**14**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484087
Customer Sample ID: 1033
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**8.0**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**273**	(-)	umho/cm	**None** CL*	
Nitrate-N	**22**	(-)	ppm**		**0.4** lbs N/1000sqft
Phosphorus	**187**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**358**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**22,842**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**276**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**48**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484088
Customer Sample ID: 1034
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**8.0**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**185**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**7**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**92**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**116**	(175)	ppm							**1.3** lbs K20/1000sqft
Calcium	**6,455**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**223**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**18**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**13**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484089
Customer Sample ID: 1035
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.7**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**213**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**10**	(-)	ppm**							**1** lbs N/1000sqft
Phosphorus	**258**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**245**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**18,769**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**522**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**44**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**39**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484124
Customer Sample ID: 1036
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.5**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**363**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**
Nitrate-N	**35**	(-)	ppm**							**0** lbs N/1000sqft
Phosphorus	**246**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**275**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**17,918**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**511**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**36**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**22**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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TEXAS A&M AGRILIFE EXTENSION

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484090
Customer Sample ID: 1037
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.8	(6.5)	-	Mod. Alkaline	
Conductivity	328	(-)	umho/cm	None	
Nitrate-N	6	(-)	ppm**		**1.2** lbs N/1000sqft
Phosphorus	173	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	457	(175)	ppm		**0** lbs K20/1000sqft
Calcium	8,549	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	552	(50)	ppm		**0** lbs Mg/1000sqft
Sulfur	23	(13)	ppm		**0** lbs S/1000sqft
Sodium	10	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
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Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

ProAnalysisVer. 2.19i

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484125
Customer Sample ID: 1038
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.9**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**295**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**37**	(50)	ppm							**1**	lbs P2O5/1000sqft
Potassium	**434**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**11,778**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**203**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**16**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**9**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484091
Customer Sample ID: 1039
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.8**	(6.5)	-	**Mod. Alkaline**						
Conductivity	**302**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**6**	(-)	ppm**							**1.1** lbs N/1000sqft
Phosphorus	**61**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**402**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**14,202**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**239**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**21**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**12**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484126
Customer Sample ID: 1040
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.7**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**414**	(-)	umho/cm	**None**	
Nitrate-N	**18**	(-)	ppm**		**0.6** lbs N/1000sqft
Phosphorus	**150**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**435**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**12,471**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**410**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**39**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**20**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484092
Customer Sample ID: 1041
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	8.0	(6.5)	-	Mod. Alkaline	
Conductivity	156	(-)	umho/cm	None	
Nitrate-N	3	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	19	(50)	ppm		2.4 lbs P2O5/1000sqft
Potassium	123	(175)	ppm		1.1 lbs K20/1000sqft
Calcium	19,925	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	247	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	19	(13)	ppm		0 lbs S/1000sqft
Sodium	18	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484127
Customer Sample ID: 1042
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow VLow Low Mod High VHigh Excess.	Fertilizer Recommended
pH	**7.3**	(6.5)	-	**Slightly Alkaline**	
Conductivity	**268**	(-)	umho/cm	**None** CL*	
Nitrate-N	**19**	(-)	ppm**		**0.5** lbs N/1000sqft
Phosphorus	**323**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**231**	(175)	ppm		**0** lbs K20/1000sqft
Calcium	**6,657**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**358**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**28**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**21**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

TEXAS A&M AGRILIFE EXTENSION

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
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979-845-5958 (FAX)
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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484093
Customer Sample ID: 1044
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	**7.8**	(6.5)	-	**Mod. Alkaline**	
Conductivity	**194**	(-)	umho/cm	**None**	
Nitrate-N	**10**	(-)	ppm**		**0.9** lbs N/1000sqft
Phosphorus	**82**	(50)	ppm		**0** lbs P2O5/1000sqft
Potassium	**150**	(175)	ppm		**0.5** lbs K20/1000sqft
Calcium	**16,916**	(180)	ppm		**0** lbs Ca/1000sqft
Magnesium	**333**	(50)	ppm		**0** lbs Mg/1000sgft
Sulfur	**36**	(13)	ppm		**0** lbs S/1000sqft
Sodium	**25**	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484128
Customer Sample ID: 1045
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.
pH	**7.3**	(6.5)	-	**Slightly Alkaline**						
Conductivity	**252**	(-)	umho/cm	**None**			CL*			**Fertilizer Recommended**
Nitrate-N	**11**	(-)	ppm**							**0.9** lbs N/1000sqft
Phosphorus	**308**	(50)	ppm							**0** lbs P2O5/1000sqft
Potassium	**238**	(175)	ppm							**0** lbs K20/1000sqft
Calcium	**7,603**	(180)	ppm							**0** lbs Ca/1000sqft
Magnesium	**362**	(50)	ppm							**0** lbs Mg/1000sgft
Sulfur	**25**	(13)	ppm							**0** lbs S/1000sqft
Sodium	**23**	(-)	ppm							
Iron										
Zinc										
Manganese										
Copper										
Boron										
Limestone Requirement										**0.00** lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates. http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484130
Customer Sample ID: 1047
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.2**	(6.5)	-	**Slightly Alkaline**							
Conductivity	**936**	(-)	umho/cm	**Moderate**				CL*		**Fertilizer Recommended**	
Nitrate-N	**69**	(-)	ppm**							**0**	lbs N/1000sqft
Phosphorus	**870**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**1377**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**12,246**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**832**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**122**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**185**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Conductivity: Salinity levels are becoming elevated, monitor levels or remove salts with 10-15 inches of clean leach water.
Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

Phosphorus: Phosphorus is highly elevated, avoid phosphorus containing fertilizers and organics for the next 5 years, retest annually.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484131
Customer Sample ID: 1048
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**7.8**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**343**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**6**	(-)	ppm**							**1.1**	lbs N/1000sqft
Phosphorus	**89**	(50)	ppm							**0**	lbs P2O5/1000sqft
Potassium	**296**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**13,412**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**378**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**43**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**27**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

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Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/19/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484094
Customer Sample ID: 1049
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow	VLow	Low	Mod	High	VHigh	Excess.	
pH	**8.0**	(6.5)	-	**Mod. Alkaline**							
Conductivity	**332**	(-)	umho/cm	**None**				CL*		**Fertilizer Recommended**	
Nitrate-N	**3**	(-)	ppm**							**1.3**	lbs N/1000sqft
Phosphorus	**10**	(50)	ppm							**3.2**	lbs P2O5/1000sqft
Potassium	**349**	(175)	ppm							**0**	lbs K20/1000sqft
Calcium	**16,262**	(180)	ppm							**0**	lbs Ca/1000sqft
Magnesium	**286**	(50)	ppm							**0**	lbs Mg/1000sgft
Sulfur	**16**	(13)	ppm							**0**	lbs S/1000sqft
Sodium	**14**	(-)	ppm								
Iron											
Zinc											
Manganese											
Copper											
Boron											
Limestone Requirement										**0.00**	lbs/1000sqft

*CL=Critical level is the point which no additional nutrient (excluding nitrate-N, sodium and conductivity) is recommended. **ppm=mg/kg

Nitrogen: Apply an additional 1 lb N/1000 sqft every 4-6 weeks, as needed, to maintain vegetative growth.

New online fertilizer calculators have been placed on the laboratory's website to determine appropriate fertilizers to purchase and determine their application rates.
http://soiltesting.tamu.edu/webpages/calculator.html

Methods: pH and conductivity/ 2:1; nitrate-N/Cd-red.; P, K, Ca, Mg, Na, and S/Mehlich 3 by ICP; Fe, Zn, Mn, and Cu/DTPA by ICP; and B/hot water by ICP.

Soil Analysis Report

Soil, Water and Forage Testing Laboratory
Department of Soil and Crop Sciences
2478 TAMU
College Station, TX 77843-2478
979-845-4816 (phone)
979-845-5958 (FAX)
Visit our website: http://soiltesting.tamu.edu

Report generated for:
Christine Whitney
PO Box 1088
Austin, TX 78767

Sample received on: 4/26/2017
Printed on: 5/9/2017
Area Represented: not provided

Travis County
Laboratory Number: 484824
Customer Sample ID: 1050
Crop Grown: GARDEN

Analysis	Results	CL*	Units	ExLow / VLow / Low / Mod / High / VHigh / Excess.	Fertilizer Recommended
pH	7.7	(6.5)	-	Mod. Alkaline	
Conductivity	152	(-)	umho/cm	None	
Nitrate-N	2	(-)	ppm**		1.3 lbs N/1000sqft
Phosphorus	33	(50)	ppm		1.3 lbs P2O5/1000sqft
Potassium	99	(175)	ppm		1.7 lbs K20/1000sqft
Calcium	16,232	(180)	ppm		0 lbs Ca/1000sqft
Magnesium	174	(50)	ppm		0 lbs Mg/1000sqft
Sulfur	18	(13)	ppm		0 lbs S/1000sqft
Sodium	10	(-)	ppm		
Iron					
Zinc					
Manganese					
Copper					
Boron					
Limestone Requirement					0.00 lbs/1000sqft

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