

Soil Nutrient Laboratory Report

Lab No.: 181213051-01 Date Rec: 12/13/18 Reported: 12/21/18	Report To: Bob Yost	Company: A-1 Organics 16350 WCR 76 Eaton CO 80615
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Sample ID: Screened Topsoil

Project: Monaco St

Laboratory Results:	Sample Result	Low-----Ave-----High
Field Texture (EST)	Sandy Loam	*****
pH (units)	8.0	*****
Salts (MMHOS/CM)	1.7	*****
CEC Est. (MEQ/100G)	13.3	*****
Lime (Qual.)	Medium	*****
Organic Matter (%)	4.0	*****
Organic N (lbs/acre)	120.9	*****
Sodium (meq/100g Soil)	0.43	*****
Available Nutrients (ppm)		
Nitrate Nitrogen	61.7	*****
Phosphorus	42.3	*****
Potassium	378.0	*****
Calcium	3757.0	*****
Magnesium	344.8	*****
Sulfur	28.2	*****
Boron	0.5	***
Zinc	4.4	*****
Iron	26.5	*****
Manganese	4.4	*****
Copper	2.6	*****
Note: Average Values are for Colorado Soils		

Fertilizer Recommendations

General Landscape

Nitrogen: 10 lbs/Acre
 Phosphorus - P2O5: 0 lbs/Acre
 Potassium - K2O: 0 lbs/Acre
 Sulfur SO4-S: 10 lbs/Acre
 Lime: 0 lbs/Acre

**To convert recommendations to lbs/1000 sq. ft. divide by 40.*

Comments

Split Nitrogen Recommendations 2 to 3 Times Throughout the Growing Season.

Soil Nutrient Laboratory Report

Lab No.: 181213051-02 Date Rec: 12/13/18 Reported: 12/21/18	Report To: Bob Yost	Company: A-1 Organics 16350 WCR 76 Eaton CO 80615
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Sample ID: Amended Topsoil

Project: Monaco St

Laboratory Results:	Sample Result	Low-----Ave-----High
Field Texture (EST)	Sandy Loam	*****
pH (units)	8.1	*****
Salts (MMHOS/CM)	3.0	*****
CEC Est. (MEQ/100G)	14.5	*****
Lime (Qual.)	Medium	*****
Organic Matter (%)	4.6	*****
Organic N (lbs/acre)	139.0	*****
Sodium (meq/100g Soil)	0.77	*****
Available Nutrients (ppm)		
Nitrate Nitrogen	60.0	*****
Phosphorus	80.0	*****
Potassium	571.0	*****
Calcium	3119.5	*****
Magnesium	348.4	*****
Sulfur	99.5	*****
Boron	0.7	*****
Zinc	4.9	*****
Iron	27.6	*****
Manganese	4.8	*****
Copper	2.5	*****
Note: Average Values are for Colorado Soils		

Fertilizer Recommendations

General Landscape

Nitrogen: 10 lbs/Acre
 Phosphorus - P2O5: 0 lbs/Acre
 Potassium - K2O: 0 lbs/Acre
 Sulfur SO4-S: 0 lbs/Acre
 Lime: 0 lbs/Acre

**To convert recommendations to lbs/1000 sq. ft. divide by 40.*

Comments

Split Nitrogen Recommendations 2 to 3 Times Throughout the Growing Season.

Yield Reduction Likely Due To High Salts.

Soil Nutrient Laboratory Report

Lab No.: 181213051-03 Date Rec: 12/13/18 Reported: 12/21/18	Report To: Bob Yost	Company: A-1 Organics 16350 WCR 76 Eaton CO 80615
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Sample ID: *Planters Mix*

Project: *Monaco St*

Laboratory Results:

Sample Result	Low-----Ave-----High
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Field Texture (EST)	Sandy Clay Loam	
pH (units)	8.2	*****
Salts (MMHOS/CM)	3.9	*****
CEC Est. (MEQ/100G)	26.5	*****
Lime (Qual.)	Medium	*****
Organic Matter (%)	7.2	*****
Organic N (lbs/acre)	215.8	*****
Sodium (meq/100g Soil)	1.34	*****

Available Nutrients (ppm)

Nitrate Nitrogen	84.7	*****
Phosphorus	124.5	*****
Potassium	919.5	*****
Calcium	2546.0	*****
Magnesium	382.9	*****
Sulfur	222.3	*****
Boron	1.5	*****
Zinc	10.4	*****
Iron	48.0	*****
Manganese	10.2	*****
Copper	4.3	*****

Note: Average Values are for Colorado Soils

Fertilizer Recommendations

General Landscape

Nitrogen:	0 lbs/Acre
Phosphorus - P2O5:	0 lbs/Acre
Potassium - K2O:	0 lbs/Acre
Sulfur SO4-S:	0 lbs/Acre
Lime:	0 lbs/Acre

**To convert recommendations to lbs/1000 sq. ft. divide by 40.*

Comments

Yield Reduction Likely Due To High Salts.

Chain of Custody Form

Report To Information	Bill To Information (If different from report to)	Project Name
Company Name: <u>AI Organics</u>	Company Name: <u>AI Organics</u>	<u>Moraco Street</u>
Contact Name: <u>Bob Yost</u>	Contact Name: <u>Chris Skelton</u>	
Address: <u>16350 Wcr 76</u>	Address: <u>16350 Wcr 76</u>	Task Number <u>CAL Task No.</u> 181213051
City: <u>Eaton</u>	City: <u>Eaton</u>	JML
State: <u>CO</u>	State: <u>CO</u>	
Zip: <u>80615</u>	Zip: <u>80615</u>	
Phone: <u>970-454-3492</u>	Phone: <u>970-454-3492</u>	Disposal Date (Lab Use Only)
Fax:	Fax:	
Email: <u>bobyost@aiorganics.com</u>	Email: <u>chrisskelton@aiorganics.com</u>	
Sample Collector: <u>Chris Skelton - AI Organics</u>	PO No.:	


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Brighton Lab
 240 South Main Street
 Brighton, CO 80601
Lakewood Lab
 12860 W. Cedar Dr., Suite 100A
 Lakewood CO 80228
 Phone: 303-659-2313
 Fax: 303-659-2315
www.coloradolab.com

		Sample Matrix (Select One Only)																			
Date	Time	Sample Matrix (Select One Only)				Sample ID	No. of Containers	Grab or (Check One Only) Composite	Complete Nutrients												
		Waste Water <input type="checkbox"/>	Ground Water <input type="checkbox"/>	Surface Water <input type="checkbox"/>	Soil <input type="checkbox"/>																
12/13/18	12:30	Screened Topsoil					1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12/13/18	12:33	Amended Topsoil					1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12/13/18	12:36	Planter's Mix					1	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Instructions: Please email results to chrisskelton@aiorganics.com.

Relinquished By: [Signature] **Date/Time:** 12/13/18 13:09

Received By: [Signature] **Date/Time:** 12/13/18 13:09

Deliver Via: Hand

Relinquished By:

C/S Charge: **Temp.** **%C/Ice** **Sample Pres. Yes** **No**

Seals Present Yes **No**

Date/Time: 13:09