




13611 B Street • Omaha, Nebraska 68144-3693 • (402) 334-7770 • FAX (402) 334-9121 • www.midwestlabs.com

Lab #	70440656	Report of Analysis		Report Number: 24-092-4180 V2																																																																																																																																																																
<b>Account:</b> 41274	BOB YOST A1 ORGANICS 16350 WCR 76 EATON CO 80615			 Robert Ferris Account Manager 402-829-9871																																																																																																																																																																
<b>Date Sampled:</b> <b>Date Received:</b> <b>Sample ID:</b>	2024-03-25 2024-03-26 RR007032524																																																																																																																																																																			
				Ecogro																																																																																																																																																																
Total content, lbs per ton (as rec'd)																																																																																																																																																																				
<table border="1"> <thead> <tr> <th></th> <th></th> <th>Analysis (as rec'd)</th> <th>Analysis (dry weight)</th> <th></th> </tr> </thead> <tbody> <tr> <td colspan="5"><b>NUTRIENTS</b></td> </tr> <tr> <td colspan="5">Nitrogen</td> </tr> <tr> <td>Total Nitrogen</td> <td>%</td> <td>0.87</td> <td>1.26</td> <td>17.4</td> </tr> <tr> <td>Organic Nitrogen</td> <td>%</td> <td>0.78</td> <td>1.12</td> <td>15.6</td> </tr> <tr> <td>Ammonium Nitrogen</td> <td>%</td> <td>0.091</td> <td>0.131</td> <td>1.8</td> </tr> <tr> <td>Nitrate Nitrogen</td> <td>%</td> <td>&lt; 0.01</td> <td>----</td> <td>----</td> </tr> <tr> <td colspan="5">Major and Secondary Nutrients</td> </tr> <tr> <td>Phosphorus</td> <td>%</td> <td>0.24</td> <td>0.35</td> <td>4.8</td> </tr> <tr> <td>Phosphorus as P2O5</td> <td>%</td> <td>0.55</td> <td>0.79</td> <td>11.0</td> </tr> <tr> <td>Potassium</td> <td>%</td> <td>0.62</td> <td>0.89</td> <td>12.4</td> </tr> <tr> <td>Potassium as K2O</td> <td>%</td> <td>0.75</td> <td>1.08</td> <td>15.0</td> </tr> <tr> <td>Sulfur</td> <td>%</td> <td>0.14</td> <td>0.20</td> <td>2.8</td> </tr> <tr> <td>Calcium</td> <td>%</td> <td>1.32</td> <td>1.90</td> <td>26.4</td> </tr> <tr> <td>Magnesium</td> <td>%</td> <td>0.23</td> <td>0.33</td> <td>4.6</td> </tr> <tr> <td>Sodium</td> <td>%</td> <td>0.140</td> <td>0.202</td> <td>2.8</td> </tr> <tr> <td colspan="5">Micronutrients</td> </tr> <tr> <td>Zinc</td> <td>ppm</td> <td>81.8</td> <td>118</td> <td>0.2</td> </tr> <tr> <td>Iron</td> <td>ppm</td> <td>6180</td> <td>8918</td> <td>12.4</td> </tr> <tr> <td>Manganese</td> <td>ppm</td> <td>137</td> <td>198</td> <td>0.3</td> </tr> <tr> <td>Copper</td> <td>ppm</td> <td>45.5</td> <td>66</td> <td>----</td> </tr> <tr> <td>Boron</td> <td>ppm</td> <td>&lt; 100</td> <td>----</td> <td>----</td> </tr> <tr> <td colspan="5"><b>OTHER PROPERTIES</b></td> </tr> <tr> <td>Moisture</td> <td>%</td> <td colspan="2">30.70</td> <td></td> </tr> <tr> <td>Total Solids</td> <td>%</td> <td>69.30</td> <td></td> <td>1386.0</td> </tr> <tr> <td>Organic Matter</td> <td>%</td> <td>15.90</td> <td>22.94</td> <td>318.0</td> </tr> <tr> <td>Ash</td> <td>%</td> <td>53.40</td> <td>77.06</td> <td>1068.0</td> </tr> <tr> <td>C:N Ratio</td> <td></td> <td colspan="2">10 : 1</td> <td></td> </tr> <tr> <td>Total Carbon</td> <td>%</td> <td>8.93</td> <td>12.89</td> <td></td> </tr> <tr> <td>Chloride</td> <td>%</td> <td>0.19</td> <td>0.27</td> <td></td> </tr> <tr> <td>pH</td> <td></td> <td colspan="2">8.1</td> <td></td> </tr> <tr> <td>Conductivity 1:5 (Soluble Salts)</td> <td>mS/cm</td> <td colspan="2">2.6</td> <td></td> </tr> </tbody> </table>							Analysis (as rec'd)	Analysis (dry weight)		<b>NUTRIENTS</b>					Nitrogen					Total Nitrogen	%	0.87	1.26	17.4	Organic Nitrogen	%	0.78	1.12	15.6	Ammonium Nitrogen	%	0.091	0.131	1.8	Nitrate Nitrogen	%	< 0.01	----	----	Major and Secondary Nutrients					Phosphorus	%	0.24	0.35	4.8	Phosphorus as P2O5	%	0.55	0.79	11.0	Potassium	%	0.62	0.89	12.4	Potassium as K2O	%	0.75	1.08	15.0	Sulfur	%	0.14	0.20	2.8	Calcium	%	1.32	1.90	26.4	Magnesium	%	0.23	0.33	4.6	Sodium	%	0.140	0.202	2.8	Micronutrients					Zinc	ppm	81.8	118	0.2	Iron	ppm	6180	8918	12.4	Manganese	ppm	137	198	0.3	Copper	ppm	45.5	66	----	Boron	ppm	< 100	----	----	<b>OTHER PROPERTIES</b>					Moisture	%	30.70			Total Solids	%	69.30		1386.0	Organic Matter	%	15.90	22.94	318.0	Ash	%	53.40	77.06	1068.0	C:N Ratio		10 : 1			Total Carbon	%	8.93	12.89		Chloride	%	0.19	0.27		pH		8.1			Conductivity 1:5 (Soluble Salts)	mS/cm	2.6		
		Analysis (as rec'd)	Analysis (dry weight)																																																																																																																																																																	
<b>NUTRIENTS</b>																																																																																																																																																																				
Nitrogen																																																																																																																																																																				
Total Nitrogen	%	0.87	1.26	17.4																																																																																																																																																																
Organic Nitrogen	%	0.78	1.12	15.6																																																																																																																																																																
Ammonium Nitrogen	%	0.091	0.131	1.8																																																																																																																																																																
Nitrate Nitrogen	%	< 0.01	----	----																																																																																																																																																																
Major and Secondary Nutrients																																																																																																																																																																				
Phosphorus	%	0.24	0.35	4.8																																																																																																																																																																
Phosphorus as P2O5	%	0.55	0.79	11.0																																																																																																																																																																
Potassium	%	0.62	0.89	12.4																																																																																																																																																																
Potassium as K2O	%	0.75	1.08	15.0																																																																																																																																																																
Sulfur	%	0.14	0.20	2.8																																																																																																																																																																
Calcium	%	1.32	1.90	26.4																																																																																																																																																																
Magnesium	%	0.23	0.33	4.6																																																																																																																																																																
Sodium	%	0.140	0.202	2.8																																																																																																																																																																
Micronutrients																																																																																																																																																																				
Zinc	ppm	81.8	118	0.2																																																																																																																																																																
Iron	ppm	6180	8918	12.4																																																																																																																																																																
Manganese	ppm	137	198	0.3																																																																																																																																																																
Copper	ppm	45.5	66	----																																																																																																																																																																
Boron	ppm	< 100	----	----																																																																																																																																																																
<b>OTHER PROPERTIES</b>																																																																																																																																																																				
Moisture	%	30.70																																																																																																																																																																		
Total Solids	%	69.30		1386.0																																																																																																																																																																
Organic Matter	%	15.90	22.94	318.0																																																																																																																																																																
Ash	%	53.40	77.06	1068.0																																																																																																																																																																
C:N Ratio		10 : 1																																																																																																																																																																		
Total Carbon	%	8.93	12.89																																																																																																																																																																	
Chloride	%	0.19	0.27																																																																																																																																																																	
pH		8.1																																																																																																																																																																		
Conductivity 1:5 (Soluble Salts)	mS/cm	2.6																																																																																																																																																																		

Our reports and letters are for the exclusive and confidential use of our clients and may not be reproduced in whole or in part, nor may any reference be made to the work, the results, or the company in any advertising, news release, or other public announcements without obtaining our prior written authorization.

# COMPOST APPLICATION INSTRUCTIONS

APPLICATION	ESTABLISHMENT	MAINTENANCE
Flowers and Vegetables Gardens	Apply 1-2" and incorporate to a depth of 6-8 inches.	Apply 1-2" to planting area at start of growing season.
Lawn	Apply 1-2" and incorporate to a depth of 6-8 inches.	Annually: Apply 1/4" layer before or after core aeration.
Trees and Shrubs	Use 1 part compost to 2-3 parts soil to backfill planting hole.	Apply 1-2" over soil surface of bed in the spring or fall (or both).
House Plants	Incorporate up to 20 percent compost into potting mix.	Spread 2-3 tablespoons on the surface of the potting soil.

Additional information and application instructions can be found at [www.alorganics.com](http://www.alorganics.com).

A1 Organics and the United States Composting Council makes no warranties regarding this product or its contents, quality, or suitability for any particular use.