

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

Account: 58809 Rocky Robbins Florida Soil builders Inc PO BOX 5250 MA Account Manager 402-829-9871 Date Sampled: Date Received: Sample ID: 2024-05-02 COMPOST PLUS W PATHOGI Sample ID: FSB PREMIUM COMPOST 3-2 Total content, daratysis Total content, daratysis NUTRIENTS Analysis Analysis Total content, daratysis Total content, daratysis NUTRIENTS Nitrogen % 0.71 1.13 14.2 Organic Nitrogen % 0.69 1.10 13.8 Ammonium Nitrogen % 0.02 0.03 0.4 Major and Secondary Nutrients Phosphorus as P205 % 0.32 0.51 6.4 Potassium as K2O % 0.14 0.22 2.8 2.6 Calcium % 3.74 5.94 74.8 3.8 Potassium as K2O % 0.23 0.37 4.6 Sulfur % 0.26 0.41 5.2 Sodium % 0.60 0.095 1.2 Magnesium	Lab # 70460)961	Repo	rt of Analys	is	Report Numbe	er: 24-131-4012 V2
PO BOX 5250 IMMOKALEE FL 34143 <i>Mumatrial</i> Date Sampled: 2024-05-02 2024-05-03 Sample ID: 2024-05-03 FSB PREMIUM COMPOST 3-2 COMPOST PLUS W PATHOGI (dry weight) NUTRIENTS Analysis (as recd) Total content, (dry weight) Ibs per ton (as recd) NUTRIENTS Total Nitrogen % 0.71 1.13 14.2 Organic Nitrogen % 0.02 0.03 0.4 Major and Secondary Nutrients Phosphorus as P2O5 % 0.32 0.51 6.4 Potassium as K2O % 0.23 0.37 4.6 Sulfur % 0.13 0.21 2.6 Calcium % 3.74 5.94 74.8 Magnesium % 0.26 0.41 5.2 Micronutrients 2/nc ppm 63.6 101 0.1 1.2 Micronutrients 2/nc ppm 63.6 101 0.1 1.2 Manganese ppm 33 52 Dotassium % 0.26 <td>Ac</td> <td>count:</td> <td>Rocky Robbins</td> <td></td> <td></td> <td></td> <td></td>	Ac	count:	Rocky Robbins				
IMMOKALEE FL 34143 Robert Ferris Account Manager 402-829-9871 Date Sampled: Date Received: Sample ID: 2024-05-02 2024-05-03 COMPOST PLUS W PATHOGI Sample ID: FSB PREMIUM COMPOST 3-2 Total content, Analysis (as recd) Analysis (bs per ton (as recd) Total content, Analysis (bs per ton (as recd) NUTRIENTS Total Nitrogen % 0.71 1.13 14.2 Organic Nitrogen % 0.69 1.10 13.8 Ammonium Nitrogen % 0.01 Nitrate Nitrogen % 0.14 0.22 2.8 Phosphorus % 0.14 0.22 2.8 Phosphorus as P205 % 0.32 0.51 6.4 Phosphorus as P205 % 0.32 0.31 6.4 Potassium % 0.13 0.21 2.6 Calcium % 3.74 5.94 74.8 Magnesium % 0.26 0.41 5.2 Sodium % 0.60 0.095 1.2 <t< td=""><td></td><td>58809</td><td>Florida Soil build</td><td>ers Inc</td><td></td><td>14</td><td>0-</td></t<>		58809	Florida Soil build	ers Inc		14	0-
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OTHER PROPERTIES Moisture % 37.00							
Moisture % 37.00		51011		ррпі	< 100		
Moisture % 37.00	OTHER PRO	PERTIES					
				%	37.00		
							1260.0
Organic Matter % 17.30 27.46 346.0			latter			27.46	
Ash % 45.00 71.43 900.0		-	· ····				
C:N Ratio 14 : 1	C:						
Total Carbon % 9.81 15.57				%		15.57	
Chloride % 0.03 0.05							
pH 8.0							
Conductivity 1:5 (Soluble Salts) mS/cm 0.83			1:5 (Soluble Salts)	mS/cm			

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Compost Results Interpretations Page 1

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rganic Matter %	
17.30 As Received	Greater than 20% indicates a desirable range for compost on a dry weight basis.
27.46 Dry Weight	
improves soil and pla	s a significant source of Organic Matter, which is an important supplier of carbon. Organic Matter ant efficiency by improving soil physical properties, providing a source of energy to beneficial ancing the reservoir of soil nutrients.

C/N	Ratio	
	13.8:1	

20-30 indicates an ideal range for the initial compost process. 10-20 indicates an ideal range for a finished compost.

All organic matter is made up of substantial amounts of carbon with lesser amounts of nitrogen. The balance of these two elements is called the Carbon/Nitrogen Ratio. For the best performance, the compost pile requires the correct proportion of carbon for energy and nitrogen for protein production. If the C:N ratio is too high (excess carbon) decomposition slows down. If the C:N ratio is too low (excess Nitrogen) the compost pile could be difficult to manage.

[Moisture %	<35% = Indicates overly dry compost
	01.00	>55% = Indicates overly wet compost
	present affects	ent is the measure of water present in the compost and expressed as a percentage of total weight. Moisture a handling and transport. Overly dry will be light and dusty while overly wet will be heavy and clumpy. A ture content of finished compost will range between 40 to 50%.

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Compost Results Interpretations	Report #:	24-131-4012 V2
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Conductivity or Soluble Salts measures the conductance of electrical current in a liquid compost slurry. Excessive soluble salt content in a compost can prevent or delay seed germination and proper root growth. Conductivity analysis is done on a 1:5 basis.

Conductivity 1:5	
Conductivity Level	Interpretation
Greater than 10	Very High nutrient content. Use for Ag Applications
5 - 10	High nutrient content. Use for Ag Applications
3 - 5	Higher than desirable for salt sensitive plants, some loss of vigor
0.6 - 3	Desirable range for most plants
0.3 - 0.6	Ideal range for greenhouse growth media
0.0 - 0.3	Very Low: Indicates very low nutrient status: plants may show deficiencies.

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Compost Results Interpretations Page 3	Report #: DATE RECEIVED:	24-131-4012 V2 2024-05-03
pH Value		
8.0 0 to 14 scale with 6 to 8 as nor	mal pH levels for compost	
A pH in the 6 to 8 pH ran	ge indicates a more mature compost	
pH measures the acidity or alkalinity of the compost, and is a measurement of the	hydrogen ion activity of a soil or compost on a	
logarithmic scale. The pH scale ranges from 0 to 14 and 7 indicates	a neutral pH. Growing media with a higher pH	l or pH
greater than 7 can benefit from a compost that has a more acidic pH	or pH below 7. This type of application will po	ssibly
lower the soil pH making the soil more conducive to plants that thrive	e in a more acidic soil condition.	

Nutrient Inde >1	, o ,		The Nutrie	ent Index norr	nally runs	between 1	and 10.			
The Nutrient		0		s (N,P,K) by t up of Sodium		•	dium and C	hloride). T	he higher tl	he Nutrient
				AG	INDEX CHA	RT				
	salt injury		t drainage ch lity and low sa		you		oils with poor o ality, or high s	drainage, poor salts	water	for all soils
	possible									

Nutrients (N+	-P205+K20)
2.00	Average Nutrient Content Dry Weight <2 = Low, >5 = High
0.5-0.5-0	Rating As Received
	The most commonly used compost data is the amount of Nitrogen, Phosphate, and Potash (abbreviated as N,P,K) present and the information is similar to that found in common fertilizers. If a compost result has the rating 1-2-2 it means that the compost has 1% Nitrogen, 2% Phosphate and 2% Potash. Most compost tests will have a average nutrient level (N+P+K) of < 5%.

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Florida Soil builders Inc **PO BOX 5250 Rocky Robbins IMMOKALEE FL 34143**





REPORT OF ANALYSIS COMPOST PLUS W PATHOGENS For: (58809) Florida Soil builders Inc

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Analysis	As Received Dry Weight Units		Limit	Method	Date	Date
Sample ID: FSB PREMIUM COMPOST 3-2	Lab Number: 70460961		ampled: 20	Date Sampled: 2024-05-02 1145		
Fecal coliforms	1.3	MPN/mL	0.2	SM 9221 E- (2006) / EPA 1681	sdw8-2024/05/04 snl7-2024/05/06	snl7-2024/05/06
E. coli (generic)	< 3.0	MPN/g	3.0	FDA BAM Chapter 4	Jhv0-2024/05/05 jzh4-2024/05/05	jzh4-2024/05/05
Fecal coliforms	2.06	MPN/g	0.20	Calculation	Auto-2024/05/14	Auto-2024/05/14
Percent solids	63.0	%	0.01	SM 2540 G-(2015) *	Ppj2-2024/05/07 jdb5-2024/05/14	jdb5-2024/05/14

PER US EPA CLASS A STANDARD, 40 CFR 503.32(a) FECAL COLIFORM IN BIOSOLIDS MUST BE LESS THAN 1,000 MPN/g (dry-weight basis) This report was reissued on 2024-05-14 15:42:45 by jdb5 for the following reason:

Add on. MPN = most probable number

For questions please contact:

Stefanie Rath Account Manager

srath@midwestlabs.com (402)829-9881