



Laboratories, Inc.



Ag Testing - Consulting

Account No. : 98307

Compost Analysis Report

BIETERMAN, RICK
18840 MOUNTAINVIEW DR
BUENA VISTA CO 81211

Invoice No. : 1426830
Date Received : 06/06/2024
Date Reported : 06/10/2024

Lab No. : 831

Results For : RICK BIETERMAN
Sample ID : HIGH FUNGA COMPOST
WINDROW COMPOST 12 MONTH

	Analysis Dry Basis	Lbs / Ton		Available First Year
		Dry Basis	As Is Basis	
Organic N, % N	0.76	15.2	6.5	1.3
Ammonium, % N	0.061	1.2	0.5	0.5
Nitrate, % N	< 0.001	0.0	0.0	0.0
Total N (TKN), % N	0.82	16.4	7.0	1.8
Total C, % C	10.10	198.8	85.1	85.1
Total C:N Ratio	12.3			
Phosphorus, % P ₂ O ₅	0.45	9.0	3.8	2.7
Potassium, % K ₂ O	0.39	7.7	3.3	3.0
Sulfur, % S	0.16	3.3	1.4	0.6
Calcium, % Ca	1.27	25.3	10.8	7.6
Magnesium, % Mg	0.39	7.7	3.3	2.3
Sodium, % Na	0.03	0.5	0.2	0.2
Sodium Adsorption Ratio (SAR)	0.52			
Zinc, ppm Zn	150.3	0.3	0.1	0.1
Iron, ppm Fe	11033.8	22.1	9.4	6.6
Manganese, ppm Mn	333.5	0.7	0.3	0.2
Copper, ppm Cu	18.1	0.0	0.0	0.0
Boron, ppm B	30.2	0.1	0.0	0.0
Soluble Salts, mmho / cm	2.08	2.7	1.1	1.1
pH	7.0			
Moisture, %	57.20			
Dry Matter (TS), %	42.80			

"<" - Not Detected / Below Detection Limit

Reviewed By : Raymond Ward

6/11/2024 Copy : 1

Page 1 of 1

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web site
www.wardlab.com

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Invoice No. : 1426830
Date Received : 06/06/2024
Date Reported : 06/10/2024

Lab No. : 832

Results For : RICK BIETERMAN
Sample ID : HIGH FUNGA COMPOST
BIOREACTOR COMPOST 12 MONTH

	Analysis Dry Basis	Lbs / Ton		Available First Year
		Dry Basis	As Is Basis	
Organic N, % N	0.56	11.2	6.1	1.2
Ammonium, % N	0.014	0.3	0.2	0.1
Nitrate, % N	< 0.001	0.0	0.0	0.0
Total N (TKN), % N	0.57	11.5	6.2	1.4
Total C, % C	6.65	131.8	71.7	71.7
Total C:N Ratio	11.7			
Phosphorus, % P ₂ O ₅	0.37	7.3	4.0	2.8
Potassium, % K ₂ O	0.46	9.1	5.0	4.5
Sulfur, % S	0.11	2.1	1.2	0.5
Calcium, % Ca	1.15	22.9	12.5	8.7
Magnesium, % Mg	0.37	7.5	4.1	2.8
Sodium, % Na	0.03	0.5	0.3	0.3
Sodium Adsorption Ratio (SAR)	0.52			
Zinc, ppm Zn	95.2	0.2	0.1	0.1
Iron, ppm Fe	13353.7	26.7	14.5	10.2
Manganese, ppm Mn	388.6	0.8	0.4	0.3
Copper, ppm Cu	14.5	0.0	0.0	0.0
Boron, ppm B	29.4	0.1	0.0	0.0
Soluble Salts, mmho / cm	2.07	2.6	1.4	1.4
pH	7.2			
Moisture, %	45.64			
Dry Matter (TS), %	54.36			

"<" - Not Detected / Below Detection Limit

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Page 1 of 1

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