

Compost Detail

Report prepared for:
Black Earth Compost
Andrew Brousseau
197 School St.
Manchester, MA 01944 USA

Report Sent:
Sample #: 03-12342
Unique ID: #1 - Compost Bulk
Invoice Number: 4828
Sample Received: 04 Nov 2019



For interpretation of this report please contact your local Soil Steward or the lab.

SOIL FOODWEB NEW YORK
17 Clinton St.
Center Moriches, NY 11934 United States
631-750-1553
soilfoodwebny@aol.com
<http://soilfoodwebnewyork.com>

| Assay Name | Result | Units | Desired Level | Commentary |
|--------------------------------|-------------|----------|---------------|---|
| Organism Biomass Data | | | | |
| Dry Weight | 0.53 | N/A | 0.20 to 0.80 | Within normal moisture levels. |
| Active Fungi | 85.57 | µg/g | > 3.00 | Fungal activity within normal levels. - |
| Total Fungi | 979.39 | µg/g | > 300.00 | Good fungal biomass. - |
| Hyphal Diameter | 3.25 | µm | > 2.50 | Disease suppressive fungi likely present. - |
| Active Bacteria | 26.41 | µg/g | > 3.00 | Bacterial activity within normal levels. |
| Total Bacteria | 2,311.74 | µg/g | > 300.00 | Good bacterial biomass. - |
| Actinobacteria | 0.00 | µg/g | | |
| Organism Biomass Ratios | | | | |
| TF:TB | 0.42 | | 0.01 to 10.00 | Balanced fungal and bacterial biomass. |
| AF:TF | 0.09 | | < 0.10 | Good fungal activity. |
| AB:TB | 0.01 | | < 0.10 | Good bacterial activity. |
| AF:AB | 3.24 | | 0.01 to 10.00 | Bacterial dominated, becoming more fungal. |
| Protozoa (Protists) | | | | |
| Flagellates | 10,787.72 | number/g | > 10,000.00 | Should provide a good inoculum of protozoa. |
| Amoebae | 51,981.26 | number/g | > 10,000.00 | |
| Ciliates | 52.49 | number/g | < 628.00 | |
| Nitrogen Cycling Potential | 100-150 | lbs/acre | | Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period |
| Nematodes | | | | |
| Nematodes | 4.25 | number/g | > 10.00 | Low numbers and diversity. |
| Bacterial | 3.89 | number/g | | |
| Fungal | 0.00 | number/g | | |
| Fungal/Root | 0.00 | number/g | | |
| Predatory | 0.00 | number/g | | |
| Root | 0.36 | number/g | | |
| Miscellaneous Testing | | | | |
| E.coli | Not Ordered | CFU/g | < 800.00 | For most areas, the maximum E.coli CFU/g is 800 - 1000. Please check your local regulations for more information. - |
| pH | Not Ordered | | | |
| Organic Matter | Not Ordered | | | |
| Electrical Conductivity | Not Ordered | µS/cm | < 3500.00 | |

Compost Notes:
Excellent bacterial and fungal biomass. Very good cycling of nutrients from protozoa.

Nematode Detail

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**# per gram
Classified by type and identified to genus.
If section is blank, no nematodes identified.**

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| Nematode Genus | number/g | Units | Group | Common Name |
|----------------|----------|----------|-------------------|--------------|
| Cephalobus | 0.12 | number/g | Bacterial Feeders | |
| Panagrolaimus | 0.61 | number/g | Bacterial Feeders | |
| Plectus | 0.36 | number/g | Bacterial Feeders | |
| Prismatolaimus | 0.49 | number/g | Bacterial Feeders | |
| Rhabditidae | 2.31 | number/g | Bacterial Feeders | |
| Paratylenchus | 0.36 | number/g | Root Feeders | Pin nematode |