

Compost Detail

Report prepared for:
Earth Care Farm LLC
Julia Taylor
89A Country Drive
Charlestown, RI 02813 USA
info@earthcare.com

Report Sent: 12 Jul 2018
Sample #: 01-127964
Unique ID: Screened 2018B
Invoice Number: 16415
Sample Recieved: 28 Jun 2018



Earthfort, LLC
635 SW Western Blvd
Corvallis, OR 97333
+1 (541) 257-2612
info@earthfort.com
http://earthfort.com

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

| Assay Name | Result | Units | Desired Level | Commentary |
|--------------------------------|--------------|----------|---------------|---|
| Organism Biomass Data | | | | |
| Dry Weight | 0.62 | N/A | 0.20 to 0.80 | Within normal moisture levels. |
| Active Fungi | 12.82 | µg/g | > 3.00 | Fungal activity within normal levels. - |
| Total Fungi | 426.65 | µg/g | > 300.00 | Good fungal biomass. - Fair fungal diversity. Hyphal diameter: 1.5 to 5.5µm. |
| Hyphal Diameter | 2.80 | µm | > 2.50 | Good balance of fungi. - |
| Active Bacteria | 39.64 | µg/g | > 3.00 | Bacterial activity within normal levels. |
| Total Bacteria | 1,140.10 | µg/g | > 300.00 | Good bacterial biomass. - |
| Actinobacteria | 5.55 | µg/g | < 50.00 | |
| Organism Biomass Ratios | | | | |
| TF:TB | 0.37 | | 0.01 to 10.00 | Balanced fungal and bacterial biomass. |
| AF:TF | 0.03 | | < 0.10 | Good fungal activity. |
| AB:TB | 0.03 | | < 0.10 | Good bacterial activity. |
| AF:AB | 0.32 | | 0.01 to 10.00 | Bacterial dominated, becoming more bacterial. |
| Protozoa (Protists) | | | | |
| Flagellates | 68,942.21 | number/g | > 10,000.00 | Should provide a good inoculum of protozoa. |
| Amoebae | 2,241,693.01 | number/g | > 10,000.00 | |
| Ciliates | 224.77 | number/g | < 23106.00 | |
| Nitrogen Cycling Potential | 300+ | lbs/acre | | Nitrogen levels dependent on plant needs. Estimated availability over a 3 month period |
| Nematodes | | | | |
| Nematodes | 2.36 | number/g | > 10.00 | Low numbers and diversity. |
| Bacterial | 1.72 | number/g | | |
| Fungal | 0.00 | number/g | | |
| Fungal/Root | 0.64 | number/g | | |
| Predatory | 0.00 | number/g | | |
| Root | 0.00 | 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 | | | |
| Electrical Conductivity | Not Ordered | µS/cm | < 1000.00 | |

Compost Notes:

Nematode Detail

Report prepared for:
Earth Care Farm LLC
Julia Taylor
89A Country Drive
Charlestown, RI 02813 USA
info@earthcare.com

Report Sent: 12 Jul 2018
Sample #: 01-127964
Unique ID: Screened 2018B
Invoice Number: 16415
Sample Recieved: 28 Jun 2018



Earthfort, LLC
635 SW Western Blvd
Corvallis, OR 97333
+1 (541) 257-2612
info@earthfort.com
<http://earthfort.com>

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

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

| Nematode Genus | number/g | Units | Group | Common Name |
|-----------------|----------|----------|---------------------|----------------------|
| Cuticularia | 0.48 | number/g | Bacterial Feeders | |
| Diplogasteritus | 0.11 | number/g | Bacterial Feeders | |
| Monhystrella | 0.38 | number/g | Bacterial Feeders | |
| Rhabditidae | 0.75 | number/g | Bacterial Feeders | |
| Ditylenchus | 0.64 | number/g | Fungal/Root Feeders | Stem & Bulb nematode |