

Alaska Soils Co
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Report Sent: 07/26/2005
Sample#: 01-100970
Unique ID: Container # FFCU30749
Plant:

Invoice Number: 8367
Sample Received: 07/14/2005

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For interpretation of this report please contact:
Local Advisor: or regional lab
Soil Foodweb, Inc
info@soilfoodweb.com
(541) 752-5066
Consulting fees may apply

Dry Weight: Reduce water by turning, spreading out, or adding dry material

Active Bacteria: Aerobic bacterial activity above normal range for mature compost

Total Bacteria: Aerobic bacterial biomass in normal range for mature compost

Active Fungi: Fungal activity below desired range. Fungal foods needed to improve growth.

Total Fungi: Fungal biomass and diversity above typical range for compost

Hyphal Diameter: Good balance of disease suppressive and normal soil fungi

Protozoa: Aerobic protozoa too low to provide needed nutrient cycling for plants.

Total Nematodes: Low numbers, low diversity, a few root feeders present, need to add beneficial nematodes. Nutrient cycling from nematode predation on fungi limited.

Mycorrhizal Col.:

TF/TB: Fungal compost. Excellent for improving fungal diversity and biomass in the soil.

AF/TF: Mature compost, meaning activity below 10%

AB/TB: Mature compost, which means bacteria will not compete with plants for nutrients

AF/AB: Fungal-dominated compost is becoming more bacterial.

Nitrogen Supply: 0.75 tons of yield possible if all biology is functioning

Interpretation Comments:

Total Fungi: Lots of flat hyphae. Some diversity. Hyphal diameters 1-10 microns.
Protozoa: Many diatoms observed.