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| Account No.: | 1538 | Name: | | Grower: | COLVILLE COMPOST |
| Invoice No.: | | Company: | COLVILLE COMPOST | Field ID: | COMPOST |
| Date Received: | 3/6/2023 | Address: | 2919 N 56TH ST | Sample ID 1: | LONG PILE |
| Date Reported: | 3/8/2023 | City, State, ZIP: | SPRINGDALE , AR 72762 | Sample ID 2: | C6N1AD |
| | | | | Sample Depth: | 0-3 |

PLFA ANALYSIS REPORT

Lab # 3195

| | Value | Rank |
|----------------------------------|----------|-----------|
| Total Biomass, PLFA ng/g soil | 14571.35 | EXCELLENT |
| Functional Group Diversity Index | 1.477 | GOOD |

Overall Rank

ABOVE AVERAGE - GOOD

Community Breakdown

| Functional Group | Value | Units | % of Total Biomass |
|------------------------|---------|-----------|--------------------|
| Total Bacteria | 6542.32 | PLFA ng/g | 44.90 |
| Gram + | 2681.42 | PLFA ng/g | 18.40 |
| Actinomycetes | 1262.34 | PLFA ng/g | 8.66 |
| Gram - | 2598.56 | PLFA ng/g | 17.83 |
| Total Fungi | 1370.62 | PLFA ng/g | 9.41 |
| Arbuscular Mycorrhizal | 446.81 | PLFA ng/g | 3.07 |
| Saprophytic | 923.81 | PLFA ng/g | 6.34 |
| Protozoa | 72.21 | PLFA ng/g | 0.50 |
| Undifferentiated | 6586.21 | PLFA ng/g | 45.20 |

Ratios

| Community | Value | Rank |
|--------------------------|---------|---------------|
| Fungi:Bacteria | 0.2095 | ABOVE AVERAGE |
| Protozoa:Bacteria | 0.0110 | ABOVE AVERAGE |
| Gram+:Gram- | 1.5177 | IDEAL |
| Stress Indicators | | |
| Sat:Unsat | 2.1057 | LOW |
| Mono:Poly | 14.0503 | GOOD |
| Pre 16:Cyclo 17 | 4.6559 | STATIC |
| Pre 18:Cyclo 19 | 4.8642 | STATIC |

Reviewer Comments

Reviewed By: Emily Shafto
Date: 3/9/2023

Analysis Performed by Regen Ag Lab, LLC