Qualitative Assement

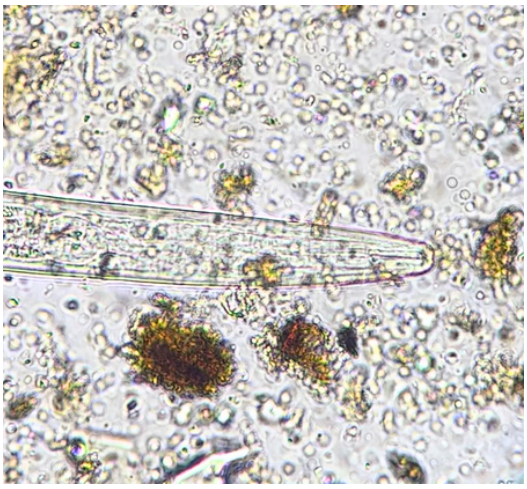
Biologically Rich
Soil Solutions

Date Assessed : April/1/2023

Name: Lush Farms LLC

Location: Watertown, WI

Sample: No Peat Used - Worm Casting



ASSESSMENT NOTES

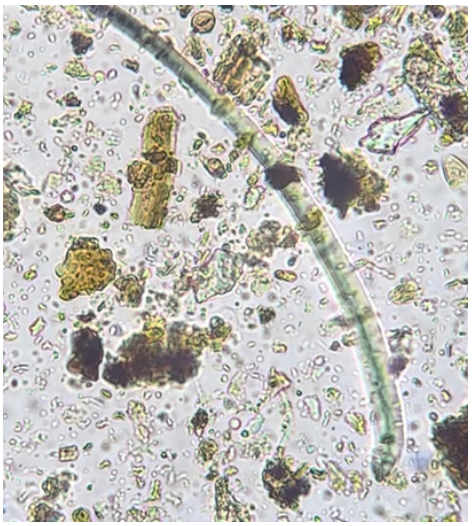
Bacteria: No harmful bacteria present
Beneficial - cocci, diplococci, bacillus present
{higher #'s & diversity present in peat based casting}

Fungi: No harmful fungi present
Average #'s present, deuteromycetes, ascomycetes, green, light & medium brown
{higher levels, darker & wider ≈ beneficial fungi present in peat based casting}

Protozoa: No harmful ciliates present
Average #'s of Amoeba present, dormant flagellates
{similar levels & diversity found in peat based casting}

Nematodes: Bacterial & fungal feeders present

Other: Ulmic, fulvic, and humic acids present
Adequate aggregate structure
{Less humic acid than the peat base}



Qualitative Assement

Date Assessed : April/1/2023

Name: Lush Farms LLC

Location: Watertown, WI

Sample Type: Peat Based - Worm Casting

Assessment Notes

Bacteria: No harmful bacteria present
Beneficial - Cocci, diplococci, streptococci, cocobacillus, bacillus present

Fungi: No harmful fungi present
Deuteromycetes, ascomycetes, and basidiomycetes present. Green, light brown, medium brown & dark brown fungi present.

Protozoa: No harmful ciliates present
Average #'s of Amoeba present, low #'s of flagellates

Nematodes: Bacterial & Fungal Feeders Present

Other: Fulvic & Humic acids and a few Ulmic acids
Good Aggregate Structure