



Account No.:	2647
Invoice No.:	
Date Received:	9/9/2024
Date Reported:	9/11/2024

Name:	AARON IVY
Company:	MCCOY FAMILY VENTURES
Address:	534 W RESEARCH CENTER BLVD
City, State, ZIP:	FAYETTEVILLE , AR 72701

Grower:	MCCOY FAMILY VENTURES
Field ID:	-
Sample ID 1:	REAGAN 8.24.24
Sample ID 2:	-
Sample Depth:	0-3

PLFA ANALYSIS REPORT

Lab # 51356

	Value	Rank
Total Biomass, PLFA ng/g soil	14827.79	EXCELLENT
Functional Group Diversity Index	1.250	AVERAGE

Overall Rank

AVERAGE - ABOVE AVERAGE

Community Breakdown

Functional Group	Value	Units	% of Total Biomass
Total Bacteria	6319.09	PLFA ng/g	42.62
Gram +	3453.76	PLFA ng/g	23.29
Actinomycetes	565.28	PLFA ng/g	3.81
Gram -	2300.05	PLFA ng/g	15.51
Total Fungi	1416.70	PLFA ng/g	9.55
Arbuscular Mycorrhizal	27.01	PLFA ng/g	0.18
Saprophytic	1389.68	PLFA ng/g	9.37
Protozoa	12.83	PLFA ng/g	0.09
Undifferentiated	7079.17	PLFA ng/g	47.74

Ratios

Community	Value	Rank
Fungi:Bacteria	0.2242	ABOVE AVERAGE
Protozoa:Bacteria	0.0020	POOR
Gram+:Gram-	1.7474	IDEAL

Stress Indicators

Sat:Unsat	2.6409	LOW
Mono:Poly	9.8057	LOW
Pre 16:Cyclo 17	All Pre16:1	VERY ACTIVE
Pre 18:Cyclo 19	All Pre18:1	VERY ACTIVE

Reviewer Comments

Reviewed By: Lance Gunderson
Date: 10/4/2024

Analysis Performed by Regen Ag Lab, LLC