




13611 B Street □ Omaha, Nebraska 68144-3693 □ (402) 334-7770 □ FAX (402) 334-9121 □ www.midwestlabs.com

Lab #	Report of Analysis		Report Number: 25-126-4199		
Account: 78594	Jeffry Epperson The Soil Guys 344 Middle Skeenah Rd Franklin NC 28734-5628		 Robert Ferris Account Manager 402-829-9871		
Date Sampled: Date Received: Sample ID:	2025-04-22 2025-04-28 SG-FPE-0425-B1-SS				
			Spring Surge Fermented Plant Extra		
			Analysis (as rec'd)	Analysis (dry weight)	Total content, lbs per ton (as rec'd)
NUTRIENTS					
Nitrogen					
Total Nitrogen	%	0.07	7.00	1.4	
Organic Nitrogen	%	0.05	4.70	0.9	
Ammonium Nitrogen	%	0.003	0.300	----	
Nitrate Nitrogen	%	0.02	2.00	0.4	
Major and Secondary Nutrients					
Phosphorus	%	< 0.05	----	----	
Phosphorus as P2O5	%	< 0.1	----	----	
Potassium	%	0.12	12.00	2.4	
Potassium as K2O	%	0.14	14.00	2.8	
Sulfur	%	< 0.05	----	----	
Calcium	%	0.08	8.00	1.6	
Magnesium	%	0.01	1.00	0.2	
Sodium	%	< 0.001	----	----	
Micronutrients					
Zinc	ppm	38.4	3840	----	
Iron	ppm	< 50	----	----	
Manganese	ppm	55.8	5580	0.1	
Copper	ppm	< 20	----	----	
Boron	ppm	< 100	----	----	
OTHER PROPERTIES					
Moisture	%	99.00			
Total Solids	%	1.00		20.0	
Organic Matter	%	0.83	83.00	16.6	
Ash	%	0.10	10.00	2.0	
C:N Ratio		28 : 1			
Total Carbon	%	1.96	196.00		
Chloride	%	0.01	1.00		
pH		3.8			

25-126-4199

REPORT DATE
May 06, 2025
 RECEIVED DATE
Apr 28, 2025

SEND TO
78594




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The Soil Guys
Jeffry Epperson
344 Middle Skeenah Rd
Franklin NC 28734-5628

REPORT OF ANALYSIS
 For: (78594) The Soil Guys
 Spring Surge Fermented Plant Extract

Analysis	Level Found	As Received	Dry Weight	Units	Limit	Method	Analyst-Date	Verified-Date
Sample ID: SG-FPE-0425-B1-SS Lab Number: 70626810 Date Sampled: 2025-04-22 1700								
Yeast	53000			cfu/g	10	FDA/BAM Chapt. 18	Kat6-2025/05/03	elh8-2025/05/03
Mold count	< 10			cfu/g	10	FDA/BAM Chapt. 18	Kat6-2025/05/03	elh8-2025/05/03
Lactic acid bacteria (aerobic)	177000000			cfu/g	10	MEF Chapter 19	Kat6-2025/05/02	jzh4-2025/05/02
Lactic acid bacteria (anaerobic)	250000000			cfu/g	10	MEF Chapter 19	Emr7-2025/05/06	smb8-2025/05/06
Anaerobic plate count	240000000			cfu/g	10	MEF Chapters 6 & 23	smb8-2025/05/01	sn17-2025/05/01
Total coliforms	< 3.0			MPN/g	3.0	FDA BAM Chapter 4	Dj14-2025/04/30	elh8-2025/04/30
E. coli (generic)	< 3.0			MPN/g	3.0	FDA BAM Chapter 4	Dj14-2025/04/30	elh8-2025/04/30

pH values that are outside calibration range for the method (4-10) should be considered estimated.
Result for 70626810 for Anaerobic Plate Count is an estimate.
 cfu = colony forming unit, MPN = most probable number

For questions please contact:

 Cole C Parsons
 Account Manager
 cparsons@midwestlabs.com (402)829-9850

The result(s) issued on this report only reflect the analysis of the sample(s) submitted.

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