

Soil Report

Job Name: **WWE LLC**

Date: 9/11/2020

Company: **WWE LLC**

Submitted By:

Sample Location		Unscreened				
Sample ID		Virgin				
Lab Number		179				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		23.11				
pH of Soil Sample		7.8				
Organic Matter, Percent		4.72				
ANIONS	SULFUR:	p.p.m.	182			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	121			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	6285 7718			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	665 356 -309			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	720 1004			
	SODIUM:	lbs / acre	98			
BASE SATURATION %	Calcium (60 to 70%)		83.50			
	Magnesium (10 to 20%)		6.42			
	Potassium (2 to 5%)		5.57			
	Sodium (.5 to 3%)		0.93			
	Other Bases (Variable)		3.60			
	Exchangeable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.84			
	Iron (p.p.m.)		305			
	Manganese (p.p.m.)		135			
	Copper (p.p.m.)		36.06			
	Zinc (p.p.m.)		73.87			
	Aluminum (p.p.m.)		717			
OTHER						

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Sample Location		2" Fill				
Sample ID		Dirt				
Lab Number		180				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		41.75				
pH of Soil Sample		8.2				
Organic Matter, Percent		3.24				
ANIONS	SULFUR:	p.p.m.	21			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	41			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value Value Found Deficit	11355 14690			
	MAGNESIUM:	Desired Value Value Found Deficit	1202 667 -535			
	POTASSIUM:	Desired Value Value Found Deficit	1302 611 -691			
	SODIUM:	lbs / acre	58			
BASE SATURATION %	Calcium (60 to 70%)		87.96			
	Magnesium (10 to 20%)		6.66			
	Potassium (2 to 5%)		1.88			
	Sodium (.5 to 3%)		0.30			
	Other Bases (Variable)		3.20			
	Exchangeable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.66			
	Iron (p.p.m.)		32			
	Manganese (p.p.m.)		28			
	Copper (p.p.m.)		2.05			
	Zinc (p.p.m.)		2.35			
	Aluminum (p.p.m.)		61			
OTHER						

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Submitted By:

Sample Location		1/2" w/turkey				
Sample ID		mulch				
Lab Number		181				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		27.57				
pH of Soil Sample		7.7				
Organic Matter, Percent		5.08				
ANIONS	SULFUR:	p.p.m.	253			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	980			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	7499 8348			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	794 617 -177			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	860 2046			
	SODIUM:	lbs / acre	224			
BASE SATURATION %	Calcium (60 to 70%)		75.70			
	Magnesium (10 to 20%)		9.32			
	Potassium (2 to 5%)		9.51			
	Sodium (.5 to 3%)		1.77			
	Other Bases (Variable)		3.70			
	Exchangeable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		1.03			
	Iron (p.p.m.)		337			
	Manganese (p.p.m.)		95			
	Copper (p.p.m.)		30.25			
	Zinc (p.p.m.)		59.97			
	Aluminum (p.p.m.)		468			
OTHER						

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Sample Location		2"				
Sample ID		Screened				
Lab Number		182				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		25.77				
pH of Soil Sample		7.9				
Organic Matter, Percent		4.75				
ANIONS	SULFUR:	p.p.m.	159			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	131			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	7010 8705			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	742 403 -339			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	804 960			
	SODIUM:	lbs / acre	92			
BASE SATURATION %	Calcium (60 to 70%)		84.44			
	Magnesium (10 to 20%)		6.52			
	Potassium (2 to 5%)		4.78			
	Sodium (.5 to 3%)		0.77			
	Other Bases (Variable)		3.50			
	Exchangeable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.61			
	Iron (p.p.m.)		300			
	Manganese (p.p.m.)		100			
	Copper (p.p.m.)		40.77			
	Zinc (p.p.m.)		65.25			
	Aluminum (p.p.m.)		452			
OTHER						

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Sample Location		1"				
Sample ID		Screened				
Lab Number		183				
Sample Depth in inches		6				
Total Exchange Capacity (M. E.)		26.80				
pH of Soil Sample		7.7				
Organic Matter, Percent		4.67				
ANIONS	SULFUR:	p.p.m.	174			
	Mehlich III Phosphorous:	as (P ₂ O ₅) lbs / acre	143			
EXCHANGEABLE CATIONS	CALCIUM:	Desired Value lbs / acre Value Found Deficit	7290 9105			
	MAGNESIUM:	Desired Value lbs / acre Value Found Deficit	771 415 -356			
	POTASSIUM:	Desired Value lbs / acre Value Found Deficit	836 867			
	SODIUM:	lbs / acre	95			
BASE SATURATION %	Calcium (60 to 70%)		84.92			
	Magnesium (10 to 20%)		6.45			
	Potassium (2 to 5%)		4.15			
	Sodium (.5 to 3%)		0.77			
	Other Bases (Variable)		3.70			
	Exchangeable Hydrogen (10 to 15%)		0.00			
TRACE ELEMENTS	Boron (p.p.m.)		0.66			
	Iron (p.p.m.)		334			
	Manganese (p.p.m.)		99			
	Copper (p.p.m.)		35.81			
	Zinc (p.p.m.)		58.82			
	Aluminum (p.p.m.)		489			
OTHER						

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