

Ag Testing - Consulting

Account No. : 93997

Soil Analysis Report

SOIL & UP AGRONOMY LLC
PO BOX 616
ALGORA IA 50571

Invoice No. : 1437299
Date Received : 12/06/2024
Date Reported : 12/10/2024

Results For : GETTINGS
Location : SUSANS

Lab No. : 262686
ID : 1

Soil Health Assessment

Depth : 0 - 6

1:1 Soil pH	6.6	Soil Tests	
1:1 Soluble Salts, mmho/cm	0.21	Phosphorus M3, ppm P	71
Excess Lime Rating	NONE	Potassium NH4OAc, ppm K	287
Organic Matter, %LOI	5.7	Zinc DTPA, ppm Zn	2.37
		Iron DTPA, ppm Fe	43.5
Soil Respiration CO ₂ -C, ppm C	142.0	Manganese DTPA, ppm Mn	7.3
Water Extract		Copper DTPA, ppm Cu	1.60
Total Nitrogen, ppm N	31.4	Sulfate M-3, ppm S	12.9
Organic Nitrogen, ppm N	21.6	Calcium NH4OAc, ppm Ca	3065
Total Organic Carbon, ppm C	227	Magnesium NH4OAc, ppm Mg	582
Ammonium-N, H ₂ O ppm N	1.8	Sodium NH4OAc, ppm Na	13
Nitrate-N H ₂ O, ppm N	7.91		
Calculations		Soil Health	
Microbially Active Carbon (%MAC)	62.5	Soil Health Calculation	19.81
Organic C : Organic N	10.5	Cover Crop Suggestion	30% Legume 70% Grass
Organic Nitrogen Release, ppm N	21.6	Water Stable Aggregates (Mod) %	67
Organic Nitrogen Reserve, ppm N	0.0	Includes 0.25 -2.00 mm diameter sand grains	

Reviewed By : Nick Ward

12/10/2024

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ID :	1					
Phosphorus M3, ppm P		71				
Sum of Cations, me/100g	% Saturation					
	H	K	Ca	Mg	Na	
21.0	0	4	73	23	0	