



Ag Testing - Consulting

Account No. : 92207

Biological Soil Analysis Report

SINNOTT, STEPHEN
BALLINABARNA
BALLINHASSIG CO CORK
IRELAND

Invoice No. : 1340825
Date Received : 03/17/2021
Date Reported : 03/19/2021

Results For : STEPHEN SINNOTT

Sample ID 1 : MAIN

Sample ID 3 :

Sample ID 2 :

Sample ID 4 :

Lab No. : 1866

Soil Depth : 0 - 8 in

Haney - Soil Health Analysis

1:1 Soil pH	6.9	ICAP Sulfur, ppm S	10.5
1:1 Soluble Salts, mmho/cm	0.30	ICAP Calcium, ppm Ca	1127
Excess Lime Rating	NONE	ICAP Magnesium, ppm Mg	144
Organic Matter, %LOI	11.3	ICAP Sodium, ppm Na	34
		ICAP Aluminum, ppm Al	142
Soil Respiration CO ₂ -C, ppm C	208.0	Calculations	
Water Extract		Microbially Active Carbon (%MAC)	142.5
Total Nitrogen, ppm N	27.5	Organic C : Organic N	8.0
Organic Nitrogen, ppm N	18.3	Organic N : Inorganic N	2.5
Total Organic Carbon, ppm C	146	Organic Nitrogen Release, ppm N	18.3
H3A Extract		Organic Nitrogen Reserve, ppm N	0.0
Nitrate, ppm NO ₃ -N	5.9	Organic Phosphorus Release, ppm P	21.5
Ammonium, ppm NH ₄ -N	1.4	Organic Phosphorus Reserve, ppm P	< 0.1
Inorganic Nitrogen, ppm N	7.3	Soil Health	
Total (ICAP) Phosphorus, ppm P	85	Soil Health Calculation	19.60
Inorganic (FIA) Phosphorus, ppm P	63.2	Cover Crop Suggestion	30% Legume 70% Grass
Organic Phosphorus, ppm P	21.5		
ICAP Potassium, ppm K	98		
ICAP Zinc, ppm Zn	3.25		
ICAP Iron, ppm Fe	206		
ICAP Manganese, ppm Mn	4.3		
ICAP Copper, ppm Cu	0.30		

Reviewed By : Alexis Hobbs

4/6/2021

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Laboratories, Inc.

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Haney - Soil Health Analysis Contd.

Nutrient Quantity Available for Next Crop		Nitrogen Savings by using the Haney Test	
Nitrogen, lbs N/A	61.5	Traditional evaluation, lbs N/A	14.1
Phosphorus, lbs P ₂ O ₅ /A	195.0	Haney Test N evaluation, lbs N/A	61.5
Potassium, lbs K ₂ O/A	117.3	Nitrogen Difference, lbs N/A	47.4
Nutrient Value, \$/A	174.02	N savings, \$/A	30.32