

Farmer Full - Fertiliser Plan 2025

Name Darren Kerrigan
Address Gorteenaguinnell, Glencar,
County (Zone) Leitrim (L)
Herd No. L1231925

PLANNING SECTION
LEITRIM COUNTY COUNCIL

14.08.26
ED-26-61

REF P. _____

This fertiliser plan is based on the information provided to Carroll Consultancy. Carroll Consultancy cannot accept responsibility for inaccurate information being supplied.

This report contains the following:

- 1.)- Cover Page
- 2.)- Farm Summary of Soil fertility and fertiliser requirements
- 3.)- Lime Report
- 4.)- Fertiliser Plan for the farm
- 5.)- Summary of All Livestock on the holding
- 6.)- Soil Sample Results
- 7.)- Manures Produced on Holding and Storage Facilities on Farm
- 8.)- Summary of Land areas, Cropping and max fertiliser allowances
- 9.)- Concentrate feed usage on the farm in 2024
- 10.)- Cereal crop yields where relevant
- 11.)- Plan Notes – where relevant



Farm & Soil fertility Summary

Fertiliser Plan Summary		Darren Kerrigan	2025	
Herd No.	L1231925	Land Areas	Ha	%
Address	Gorteenaguinnell, Glencar,	NMP Total Nitrates ha	57.77	
County (Zone)	Leitrim	Grassland	57.77	100.00
Weeks Storage.	20 Weeks	Arable	0.00	0.00
		Sampled Areas	14.97	25.91
Closed Periods		Stocking Rates		
Chemical	15 September to 14 February	Current Years Net WFSR	50.72 kg/Ha	
Slurry	1 October to 31 January	Current Years GSR	50.72 kg/Ha	
		Previous Years GSR	0.00 kg/Ha	

Soil Fertility Summary

Overall Fertility Status

pH > 6.2, P & K index 3 or 4

	Ha's	%
Yes	0.00	0%
No	14.97	100%

Lime

Soil pH > 6.2

pH	Ha's	%
<5.5	3.94	26%
5.5-5.9	9.12	61%
5.9-6.2	1.91	13%
6.2-6.5	0.00	0%
>6.5	0.00	0%

Phosphorus

P Index

Index	Ha's	%
1	0.53	4%
2	0.00	0%
3	14.44	96%
4	0.00	0%

Potassium

K Index

Index	Ha's	%
1	0.00	0%
2	0.00	0%
3	1.91	13%
4	13.06	87%

% reduction in farm capacity to perform based on current fertility levels compared to optimal fertility

pH, P and K	pH	P	K
28	16	11	1

Soil pH & Lime		Target pH	Grass	Tillage
Lime Planned		Mineral Soil	6.3	6.5
2025	61 Tonnes	Organic Soil	5.5	5.5
2026	57 Tonnes			
2027	0 Tonnes			
2028	0 Tonnes			
Four Year Total	118 Tonnes			

Organic Manure Plan

Chemical Fertiliser Advice

Nutrient Balance			
	N(kg)	P(kg)	K(kg)
Chemical Recommended	2,040	252 (100%)	0
Max Chemical Allowed	5,199	375	

Planned Fertilisers	
Fertiliser	Tonnes
CAN + S (27%N)	1.48

Lime Requirements

Plot Name	Crop	Area (Ha)	Sample ID	Sample Reference	Result Date	pH (Water)	pH (Buffer/SMP)	Lime Req (T/Ha)	Advised Lime			
									2025 (T/Ha)	2026 (T/Ha)	2027 (T/Ha)	2028 (T/Ha)
Field 4	Grazing	3.94	SS1	1202808	12/09/2023	5.40	5.90	10.0	5.0	5.0		
Field 3	Grazing	4.26	SS4	1202811	12/09/2023	5.50	6.00	8.8	4.4	4.4		
Field 2	1 Cut + Grazing	0.53	SS2	1202809	12/09/2023	5.60	6.10	7.5	3.8	3.8		
Field 8	1 Cut + Grazing	4.33	SS2	1202809	12/09/2023	5.60	6.10	7.5	3.8	3.8		
Field 1	1 Cut + Grazing	1.91	SS3	1202810	12/09/2023	6.10	6.50	2.5	2.5			
Four Year Total (2025-2028): 118 tonnes									61	57	0	0
Annual Totals (tonnes):												

Fertiliser plan for the Farm

Manure Allocations		
Fertiliser	Estimated T	Applied T
Total Slurry for Spreading (m3)		0
Total P in Manures (Grazing + Non-Grazing)		0

Planned Fertilisers	Fertiliser	Tonnes
CAN + S (27%N)		1.48

Nutrient Balance			
	N(kg)	P(kg)	K(kg)
Chemical Recommended	2,040	252 (100%)	0
Max Chemical Allowed	5,199	375	
Chemical Usage	399	0	0

Plot	Crop	Area(Ha)	Soil Sample	Index	Nutrients Applied (Units/Acre)	Nutrients Advice (Units/Acre)	Chemical Fertilisers
				N P K	N P K	N P K	CAN + S (27%N) (Bags/Acre)
Field 1	1 Cut + Grazing	1.91	SS3	1 3 3	0 0 0	101 19 97	0.0
Field 2	1 Cut + Grazing	0.53	SS2	1 1 4	0 0 0	101 36 0	0.0
Field 3	Grazing	4.26	SS4	1 3 4	0 0 0	32 3 0	0.0
Field 4	Grazing	3.94	SS1	1 3 4	0 0 0	32 3 0	0.0
Field 5	Grazing	5.12		1 3 3	0 0 0	32 3 0	0.0
Field 7	Grazing	6.65		1 3 3	49 0 0	32 3 0	1.8
Field 8	1 Cut + Grazing	4.33	SS2	1 3 4	0 0 0	101 19 0	0.0
Field 9	Grazing	9.88		1 3 3	0 0 0	32 3 0	0.0

Summary of All Livestock on the holding

Total Nitrogen and Phosphate produced

Animal	No. Animals	N/head	N Total	P /head	P Total
Suckler cow	18	65.0	1,170.0	10.0	180.0
Mountain ewe & lambs	200	7.0	1,400.0	1.0	200.0
Cattle (4-12 months old)	18	20.0	360.0	2.8	50.4
		Total N	2930	Total P	430

Animal Breakdown

Animal Category	N Total	P Total
Grazing	2930	430
Non-Grazing	0	0

Projected Exports

Manure Type	Date of Export	Quantity (t)	Total N (kg)	Total P (kg)
No data available in table				

Projected Imports

Manure Type	Date of Import	Quantity (t)	Total N (kg)	Total P (kg)
No data available in table				

Total Nitrogen &Phosphorus to be applied on the holding (kg)

N Total Value	P Total Value
2,930.0	430.0

Stocking Rates (kg/ha)

Net Whole Farm Stocking Rate (kg/ha after Imports and Exports)	Grassland Stocking Rate Current Year	Grassland Stocking Rate Previous Year
50.72	50.72	0.00

Soil Samples Results

Sample Details			NMP Linked Plot		pH Results			P and K Results		Trace Elements										
Sample Expiry	Sample ID	Sample Reference	Result Date	Sampled Area (ha)	Plot Name	Soil Type	OM Result %	OM Map Overlay	pH (Water)	pH (Buffer/SMP)	Lime Req t/ha	P mg/l	K mg/l	Mg	Cu	ER Mn	Zn	Bo	Co	Tot Mn
	SS4	1202811	12/09/2023	4.26	Field 3	Clay		Yes	5.50	6.00	8.75	5.60	162.00							
	SS3	1202810	12/09/2023	1.91	Field 1	Clay		Yes	6.10	6.50	2.50	5.80	111.00							
	SS2	1202809	12/09/2023	4.86	Field 2 Field 8	Clay		No Yes	5.60	6.10	7.50	2.90	265.00							
	SS1	1202808	12/09/2023	3.94	Field 4	Clay		Yes	5.40	5.90	10.00	3.00	203.00							

Manures Produced on Holding and Storage Facilities on Farm

Slurry Produced From Animals

Animal	No. on Slurry	Weeks slurry produced	Weeks slurry required	Total Slurry Produced (m3)	Storage requirement (m3)
No data available in table					
Total Slurry Produced				0.0 m ³	Gallons
Total Storage Required				0.0 m ³	Gallons

From Dirty Yards Rectangular Areas

Yard	Length (m)	Width (m)	Area (m2)
No data available in table			

Circular Areas

Yard	Diameter (m)	Area (m2)
No data available in table		

Total Storage Required for Dirty Yards

0.0 m ³	Gallons
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From FYM Seepage

Under Animals

0.0 m ³

From Uncovered FYM Heaps

0.0 m ³

Total FYM Seepage to be Stored

	0.0	m ³		Gallons
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From Dairy Washings

Total Storage Required for Dairy Washings to be stored with Slurry

	0.0	m ³		Gallons
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Slurry Storage

Storage Type	Location Name	Width	Length	Diameter	Depth	Net Capacity
Covered(Rectangle)	Proposed Slatted Tank 1a	3.5	26.8		2.4	206.4
Covered(Rectangle)	Proposed Slatted Tank 1b	3.5	26.8		2.4	206.4
					Net Capacity	413.0

Slurry Storage Balance

Farm Slurry Storage Balance

Farm Slurry Storage Balance		Total Slurry to be stored on Farm		Volume of Cattle Slurry for Spreading	
Slurry Produced (Animals)		0.0	m ³		0.0 m ³
Cattle Slurry Imported					0.0 m ³
Cattle Slurry Exported					0.0 m ³
Slurry Produced (Dirty Yards)		0.0	m ³		0.0 m ³
Slurry Produced (FYM Seepage)		0.0	m ³		0.0 m ³
Slurry Produced (Dairy Washings)		0.0	m ³		0.0 m ³
Slurry Produced (Rainfall in open tanks - 20 weeks)					0.0 m ³
Total Slurry Produced		0.0	m ³		0.0 m ³
			Gallons		Gallons
Dilutes Added to Slurry					0.0 m ³
Dilution factor					100.0 %

Slurry stored in Slurry Storage

Total Slurry Storage (Currently)	
Required (slurry produced)	0.0 m ³
Available (current storage)	412.7 m ³
Surplus Storage Available	412.7 m ³

Soiled Water Storage Balance

Total Storage Requirements for Dairy Washings

Storage Type & Volume (m3)

	Soiled Water		Slurry	
Water from Dairy and Parlour	0.0	m ³	0.0	m ³
Water from Collecting Yard Washing	0.0	m ³	0.0	m ³
Rainwater on Collecting Yards	0.0	m ³	0.0	m ³
Rainwater on Other Yards	0.0	m ³		
Total Soiled Water Produced	0.0	m ³	0.0	m ³

Soiled Water stored only in Soiled Water Tank

Total Soiled Water Storage (Currently)

Required (soiled water produced)

Available (current storage)

Additional Storage Required

0.0	m ³
0.0	m ³
0.0	m ³

FYM Production

Animal	No. on FYM	Straw Usage	Weeks FYM Production	Weeks FYM Storage	Total FYM Produced (m3)	Total FYM Storage (m3)	Seepage Produced (m3)	Total Straw Usage (kg)

No data available in table

Total Straw Usage

0.0	kg
-----	----

Seepage Produced

0.0	m ³
-----	----------------

This report is based on information inputted into Teagasc NMP online. Teagasc cannot accept responsibility for inaccurate information being inputted

Teagasc NMP online
12/17

Agent: Andrew Kilduff
Plan ID: 411747 Date Printed: 13/08/2026

Total FYM Produced

0.0	m ³
-----	----------------

tonne

Total FYM Storage

0.0	m ³
-----	----------------

FYM Storage Balance

Seepage Produced

Under Animals

0.0	m ³
-----	----------------

	Gallons
--	---------

From Uncovered FYM Heaps

0.0	m ³
-----	----------------

	Gallons
--	---------

Total FYM Seepage to be Stored

0.0	m ³
-----	----------------

	Gallons
--	---------

FYM Storage Balance

Total FYM Storage Required

0.0	m ³
-----	----------------

Nutrient Adjustment Factor

100.0	%
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FYM Storage Available

Storage Available Under Animals

0.0	m ³
-----	----------------

Storage Available As Covered FYM Stores

0.0	m ³
-----	----------------

Storage Available As Uncovered FYM Stores

0.0	m ³
-----	----------------

Total FYM Storage Available

0.0	m ³
-----	----------------

FYM Storage Balance

Surplus Storage Available

0.0	m ³
-----	----------------

This report is based on information inputted into Teagasc NMP online. Teagasc cannot accept responsibility for inaccurate information being inputted

Summary of Land areas, Cropping and max fertiliser allowances

Note: Grassland Stocking Rate determining Fertiliser Band

	N	P Index 1	P Index 2	P Index 3	P Index 4
Max Grassland Allowance (Previous Year Grassland SR:0.00 kg/Ha)	90	27	17	7	0

Available N Allowance

Name	Crop Area(Ha)	N Index 1			N Index 2			N Index 3			N Index 4			Total N
		Area(Ha)	N Allowed	Total N	Area(Ha)	N Allowed	Total N	Area(Ha)	N Allowed	Total N	Area(Ha)	N Allowed	Total N	
Grazing	29.85	29.85	90	2,686.5										2,686.5
1 Cut + Grazing	6.77	6.77	90	609.3										609.3
Rough Grazing	21.15	21.15	90	1,903.5										1,903.5

Available P Allowance

Name	Crop Area(Ha)	P Index 1			P Index 2			P Index 3			P Index 4			Total P
		Area(Ha)	P Allowed	Total P	Area(Ha)	P Allowed	Total P	Area(Ha)	P Allowed	Total P	Area(Ha)	P Allowed	Total P	
Grazing	29.85							29.85	7	209.0				209.0
1 Cut + Grazing	6.77	0.53	27	14.3				6.24	7	43.7				58.0
Rough Grazing	21.15							21.15	7	148.1				148.1

N allowance	(Kgs)
Maximum total available N	5,199.3
- Available N produced on holding (0 from Grazing from 2018)	0.0
- Available N in manures Imported	0.0
+ Available N in manures Exported	0.0
Maximum Chemical N fertiliser allowed	5,199.3

P allowance	(Kgs)
Maximum total available P	415.0
- Total P in Manures produced on holding (0 from Grazing from 2018)	0.0
+ Manure P not available (Applied to index 1 & 2)	0.0
- Total P in manures Imported	0.0
+ Total P in manures Exported	0.0
Total P in Concentrate Feeds Used	40.0
Discounted P in feeds (up to 300kg)	0.0
- Net P in concentrate feeds used	40.0
Maximum Chemical P fertiliser allowed	375.0

Concentrate Feeds

Straight Feed Accounting Method

Book Value

Last years total organic N

0 kg

Compound Feed Accounting Method

Default(5kg)

Total P Fed to Grazing Livestock

40.0 kg

Total P to be discounted

0.0 kg

Net P contributing to Available Allowance

40.0 kg

Name	Quantity (t)	P Content Data Source	P Content	Total P (kg)
Beef Nuts	5.0	Default(5kg)	5.0	25.0
Sheep Nuts	3.0	Default(5kg)	5.0	15.0
	8.0			

Cereal crop yields

Crop

Plan Notes

Darren Kerrigan Landspreading Map

L1231925



NMP Online
Date: 28/10/2025
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Darren Kerrigan Landspreading Map

L1231925



NMP Online
Date: 28/10/2025
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Darren Kerrigan Rough Grazing

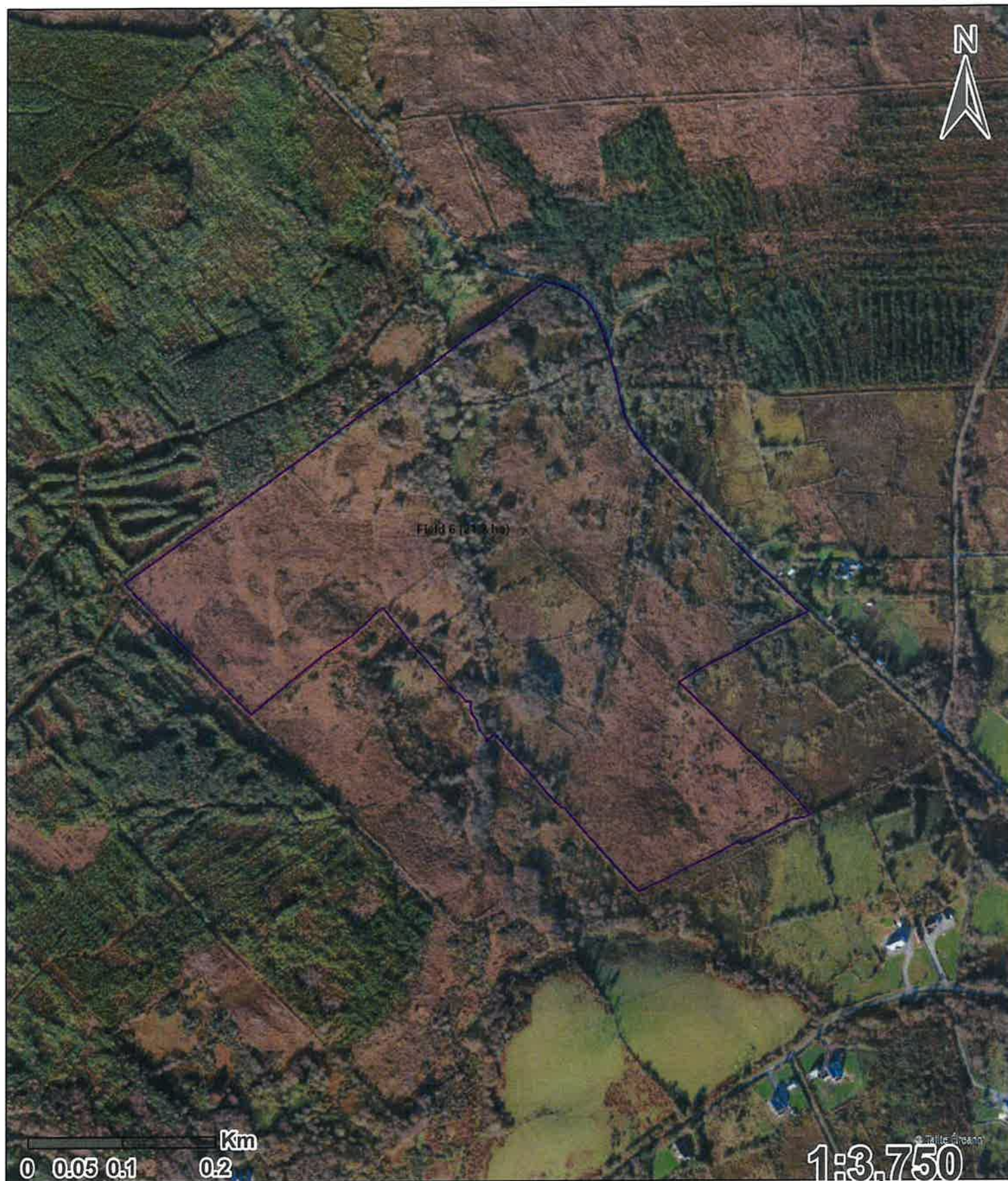
L1231925



NMP Online
Date: 28/10/2025
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Darren Kerrigan Landspreading Map

L1231925



NMP Online
Date: 28/10/2025
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Darren Kerrigan Landspreading Map

L1231925



NMP Online
Date: 28/10/2025
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Analysis Report: SA31042

Account Number: 63068

Farmer: Darren Kerrigan

Claran Clancy

**Linsagreen House Drumskeeran
Lahrin**

**Soil Analysis and Fertiliser Guidelines
(SR2)**

Sample Received Date: 22/08/2023
Sample Reported Date: 12/09/2023

Sample	Lab Ref.	pH		1) Lime Reqt.		2) Index		3) Max. P Fertiliser (kg/ha)		Soil K		K Fertiliser (kg/ha)	
		Water		Buffer		G OC		Grassland		*(mg/l)		Index	
		•	•	•	•	•	•	•	•	•	•	•	•
SS1	1202808	5.4	5.9	10.00	3.0	2	2	17-29	50	35	203	4	NL NL NL NL
SS2	1202809	5.6	6.1	7.50	2.9	1	1	27-39	70	45	265	4	NL NL NL NL
SS3	1202810	6.1	6.5	2.50	5.8	3	2	7-19	50	35	111	3	30 120 190 60
SS4	1202811	5.5	6.0	8.75	5.6	3	2	7-19	50	35	162	4	NL NL NL NL

(Field 4) →
(Field 248) →
(Field 1) →
(Field 3) →

- 1) Target pH 6.5
- 2) G = Grassland, OC = Other Crops
- 3) Maximum P Fertiliser Includes all inorganic and organic sources of available P as defined in SI No. 113 of 2022
- 4) Deduct 40kg/ha of K for each 10 tonnes/ha of slurry.
 - Accredited test method reference: pH Water, pH Buffer = CMG 1: Soil P mg/l and K mg/l = CMG 3 or CMG 2

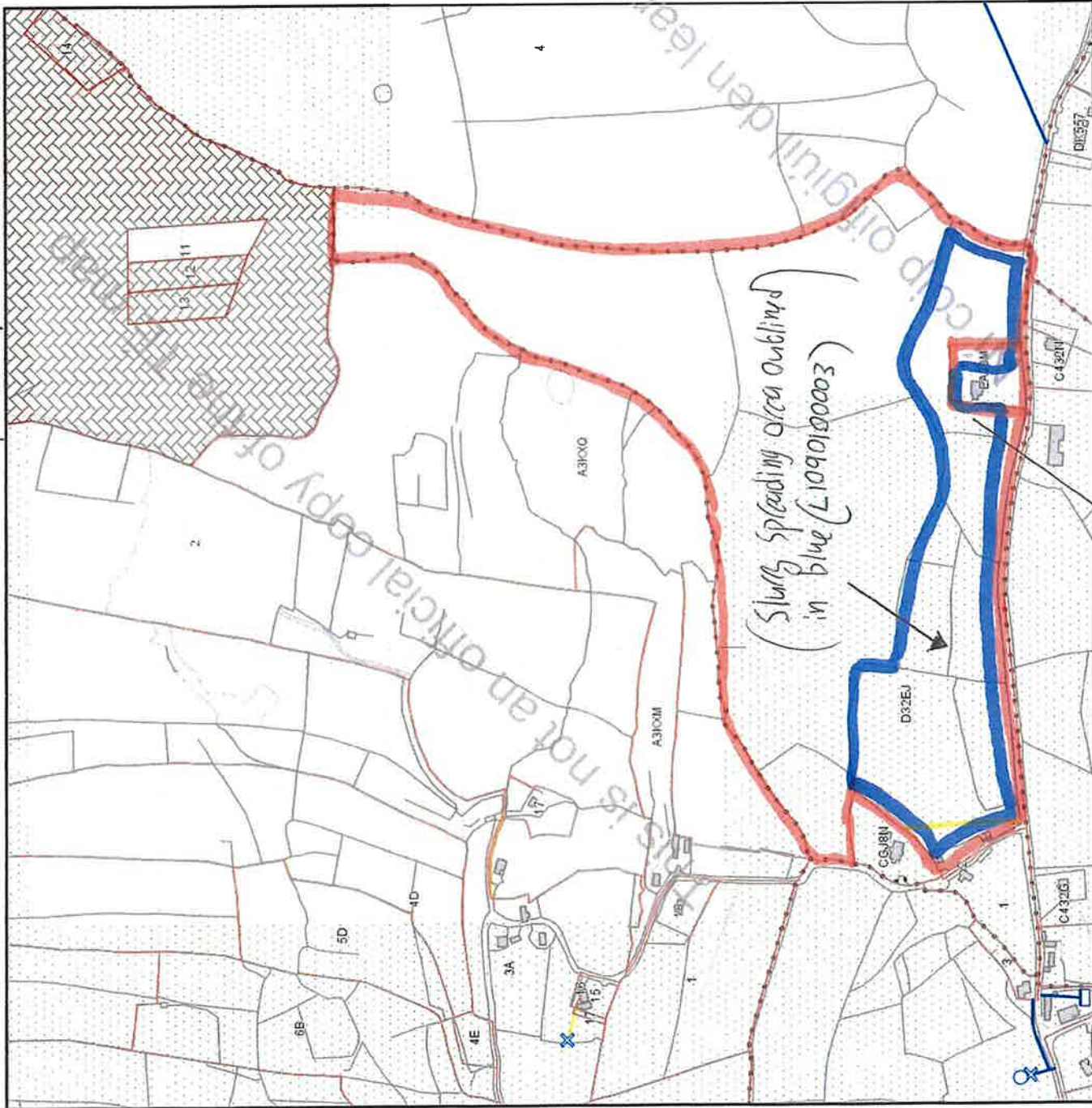
Sample Analysis on dry soil
The results in this report relate directly to the samples supplied to the laboratory
The Analysis Report shall not be reproduced in full, without the written permission of the laboratory
The laboratory is not responsible for sampling or sample handling prior to sample receipt into FBA

P and K Index Values: 1, Purple; 2 and 3, Green; 4, Red



Darren Butler
Conor Butler
Laboratory Manager

L19224+41 + L112504+1



Tailte Éireann

Clárúcháin, Luacháil,
Suirbhéireacht
Registration, Valuation,
Surveying

Official Tailte Éireann Registration Map

This map should be read in conjunction with the folio.

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(centre-line of parcel(s) edged)

- Freehold
- Leasehold
- SubLeasehold
- 'S' Register

(see Section 8(b)(II) of Registration of Title Act 1964 and Rule 224 & 225 Land Registration Rules 1972 - 2010).

Burdens (may not all be represented on map)

- Right of Way / Wayleave
- Turbary
- Pipeline
- Well
- Pump
- Septic Tank
- Soak Pit

A full list of burdens and their symbology can be found at www.landdirect.ie

Tailte Éireann Registration operates a non-conductive boundary system. The TÉ Registration map identifies properties not boundaries meaning neither the description of land in a folio nor its identification by reference to a TÉ Registration map is conclusive as to the boundaries or extent.

(see Section 85 of the Registration of Title Act, 1964). As inserted by Section 62 of the Registration of Deed and Title Act 2006.



Creation Date: Tuesday, March 10, 2026 12:27:10 PM

Location of Deed 540600



An Roinn Talmhaíochta,
Bia agus Mara
Department of Agriculture,
Food and the Marine

For Basic Payment Income Support for Sustainability, Areas of Natural Constraint
Schemes and other Area Based Scheme purposes only
Ver. 2025 Dec 01 15:25

Name: DARREN KERRIGAN
Address: CARRIGROUNNELL
CO. LEITRIM
F51 WD1

Field	Field Name	Field No.	Field Area	Field Type	Field Status
L100100002	SHANCUITRACH	0010	14.23	Shrub	0.15
L100100003		0011	14.14	Shrub	0.15
L100100004		0012	14.14	Shrub	0.15
L100100005		0013	14.14	Shrub	0.15
L100100006		0014	14.14	Shrub	0.15
L100100007		0015	14.14	Shrub	0.15
L100100008		0016	14.14	Shrub	0.15
L100100009		0017	14.14	Shrub	0.15
L100100010		0018	14.14	Shrub	0.15
L100100011		0019	14.14	Shrub	0.15
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L100100013		0021	14.14	Shrub	0.15
L100100014		0022	14.14	Shrub	0.15
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L100100018		0026	14.14	Shrub	0.15
L100100019		0027	14.14	Shrub	0.15
L100100020		0028	14.14	Shrub	0.15
L100100021		0029	14.14	Shrub	0.15
L100100022		0030	14.14	Shrub	0.15
L100100023		0031	14.14	Shrub	0.15
L100100024		0032	14.14	Shrub	0.15
L100100025		0033	14.14	Shrub	0.15
L100100026		0034	14.14	Shrub	0.15
L100100027		0035	14.14	Shrub	0.15
L100100028		0036	14.14	Shrub	0.15
L100100029		0037	14.14	Shrub	0.15
L100100030		0038	14.14	Shrub	0.15
L100100031		0039	14.14	Shrub	0.15
L100100032		0040	14.14	Shrub	0.15
L100100033		0041	14.14	Shrub	0.15
L100100034		0042	14.14	Shrub	0.15
L100100035		0043	14.14	Shrub	0.15
L100100036		0044	14.14	Shrub	0.15
L100100037		0045	14.14	Shrub	0.15
L100100038		0046	14.14	Shrub	0.15
L100100039		0047	14.14	Shrub	0.15
L100100040		0048	14.14	Shrub	0.15
L100100041		0049	14.14	Shrub	0.15
L100100042		0050	14.14	Shrub	0.15
L100100043		0051	14.14	Shrub	0.15
L100100044		0052	14.14	Shrub	0.15
L100100045		0053	14.14	Shrub	0.15
L100100046		0054	14.14	Shrub	0.15
L100100047		0055	14.14	Shrub	0.15
L100100048		0056	14.14	Shrub	0.15
L100100049		0057	14.14	Shrub	0.15
L100100050		0058	14.14	Shrub	0.15
L100100051		0059	14.14	Shrub	0.15
L100100052		0060	14.14	Shrub	0.15
L100100053		0061	14.14	Shrub	0.15
L100100054		0062	14.14	Shrub	0.15
L100100055		0063	14.14	Shrub	0.15
L100100056		0064	14.14	Shrub	0.15
L100100057		0065	14.14	Shrub	0.15
L100100058		0066	14.14	Shrub	0.15
L100100059		0067	14.14	Shrub	0.15
L100100060		0068	14.14	Shrub	0.15
L100100061		0069	14.14	Shrub	0.15
L100100062		0070	14.14	Shrub	0.15
L100100063		0071	14.14	Shrub	0.15
L100100064		0072	14.14	Shrub	0.15
L100100065		0073	14.14	Shrub	0.15
L100100066		0074	14.14	Shrub	0.15
L100100067		0075	14.14	Shrub	0.15
L100100068		0076	14.14	Shrub	0.15
L100100069		0077	14.14	Shrub	0.15
L100100070		0078	14.14	Shrub	0.15
L100100071		0079	14.14	Shrub	0.15
L100100072		0080	14.14	Shrub	0.15
L100100073		0081	14.14	Shrub	0.15
L100100074		0082	14.14	Shrub	0.15
L100100075		0083	14.14	Shrub	0.15
L100100076		0084	14.14	Shrub	0.15
L100100077		0085	14.14	Shrub	0.15
L100100078		0086	14.14	Shrub	0.15
L100100079		0087	14.14	Shrub	0.15
L100100080		0088	14.14	Shrub	0.15
L100100081		0089	14.14	Shrub	0.15
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L100100213					

