

**Distributor**

ORIGIN - CARRS BILLINGTON BRECON
2017DMCG

Customer

DAVIES
CARNGALED
LLANSPYDDUD
NRECON
LD3 8PE

Soil Results Summary

Date Received 12/09/2019

Date Reported 17/09/2019

Order Number	Field Reference / Crop	pH	OM	P	Index K	Mg	P	mg/litre K	Mg
7785 ORI007081/04	TOP NEWTON / GRAZED GRASS	6.0		2.2	2.0	2.7	18	125	88
9408 ORI007082/05	SHEEP / GRAZED GRASS	5.9		3.0	2.1	2.5	26	140	76
4470 ORI007082/06	6.5 ABOVE LANE / GRAZED	6.1		3.8	1.3	2.5	43	80	80
3678 ORI007082/07	4 ACRES TOP FIELD / GRAZED	6.6		3.5	1.2	2.4	36	74	74
4984 ORI007082/08	TOP FIELD / GRAZED GRASS	5.6		3.6	1.4	3.0	38	90	106
2368 ORI007083/09	HOLLY BUSH / GRAZED GRASS	6.4		3.9	1.2	2.3	45	74	69
8459 ORI007083/10	LITTLE FIELD / GRAZED GRASS	5.9		3.8	1.0	2.5	42	63	77
7694 ORI007083/11	65 / GRAZED GRASS (CATTLE)	5.8		3.3	1.0	2.6	32	65	84

Index Values are taken from the AHDB Nutrient Management Guide (RB209) published May 2017



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Analysis Results (SOIL)

Customer DAVIES
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 LD3 8PE

Distributor ORIGIN - CARRS BILLINGTON BRECON
 2017DMCG

Sample Ref 5 ACRE NEWTON

Date Received 12/09/2019 (Date Issued: 25/09/2019)

Sample No ORI007081/02 / 12042

Crop GRAZED GRASS (CATTLE)

Soil Characteristics	Result	Low		Normal		High	
pH	6.2						
Major Nutrients	Result	0	1	2-	2+	3	4+
Phosphorus (ppm)	24						
Potassium (ppm)	199						
Magnesium (ppm)	80						

Released by ...*Chris Lindley*... Laboratory Manager on behalf of Lancrop Laboratories



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Analysis Results (SOIL)

Customer DAVIES
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NRECON
LD3 8PE

Distributor ORIGIN - CARRS BILLINGTON BRECON
2017DMCG

Sample Ref BOTTOM NEWTON

Date Received 12/09/2019 (Date Issued: 25/09/2019)

Sample No ORI007081/01 / 12042

Crop GRAZED GRASS (CATTLE)

Soil Characteristics	Result	Low		Normal		High	
pH	6.2						
Major Nutrients	Result	0	1	2-	2+	3	4+
Phosphorus (ppm)	26						
Potassium (ppm)	177						
Magnesium (ppm)	82						

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Analysis Results (SOIL)

Customer	DAVIES CARNGALED LLANSPYDDUD NRECON LD3 8PE	Distributor	ORIGIN - CARRS BILLINGTON BRECON 2017DMCG
Sample Ref	BANK NEWTON	Date Received	12/09/2019 (Date Issued: 25/09/2019)
Sample No	ORI007081/03 / 12042		
Crop	GRAZED GRASS (CATTLE)		

Soil Characteristics	Result	Low		Normal		High	
pH	6.1	<div style="width: 100%;"></div>					
Major Nutrients	Result	0	1	2-	2+	3	4+
Phosphorus (ppm)	13	<div style="width: 50%;"></div>					
Potassium (ppm)	120	<div style="width: 75%;"></div>					
Magnesium (ppm)	95	<div style="width: 100%;"></div>		<div style="width: 50%;"></div>			

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Analysis Results (SOIL)

Customer A MATTHEWS
ABERBRAN FAWR
ABERBRAN
BRECON

Distributor WYNNSTAY - BRYN HUGHES
PENTWYN FARM
LITTLE MILL
PONTYPOOL
GWENT
NP4 0HQ

Sample Ref COWS MEADOW

Date Received 13/09/2019 (Date Issued: 17/09/2019)

Sample No E365181/03

Crop GRAZED GRASS (CATTLE)

Analysis	Result	Guideline	Interpretation	Comments
pH	5.1	6.0	Low	Low. An acidic environment will reduce soil nutrient availability and the efficiency of any applied fertilisers or organic materials. A sub-optimum pH will also impact on soil microbial populations and rates of activity. Refer to lime requirement.
Phosphorus (ppm)	23	16	Normal	(Index 2 [2.7]) 20 kg/ha P ₂ O ₅ (16 units/acre). Maintenance.
Potassium (ppm)	113	121	Low	(Index 1 [1.8]) 30 kg/ha K ₂ O (24 units/acre). Avoid applications in Spring if there is a history of Hypomagnesaemia.
Magnesium (ppm)	115	51	High	(Index 3 [3.1]) Adequate level.
Lime Req. (t/ha)	6.0			

Additional Comments

The recommendations should be adjusted if organic manures are used. See RB209 for more information.

Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.

Additional technical bulletins are available at www.lancrop.com.

Please Note

Whilst every care is taken to ensure that the Results from Analysis are as accurate as possible, it is important to note that the analysis relates to the sample received by the laboratory, and is representative only of that sample. No warranty is given by the laboratory that the Results from Analysis relates to any part of a field or growing area not covered by the sample received. It is important to ensure that any soil, leaf, silage or fruitlet sample sent for analysis is representative of the area requiring analysis and that samples are obtained in accordance with established sampling techniques. A leaflet containing instructions on how to take soil, leaf, herbage, silage and fruit samples for analysis is available from the laboratory on request.

Released by ...*Chris Lindley*...Laboratory Manager on behalf of Lancrop Laboratories

Analysis Results (SOIL)

Customer	A MATTHEWS ABERBRAN FAWR ABERBRAN BRECON	Distributor	WYNNSTAY - BRYN HUGHES PENTWYN FARM LITTLE MILL PONTYPOOL GWENT NP4 0HQ
Sample Ref	TOP OF LANE	Date Received	13/09/2019 (Date Issued: 17/09/2019)
Sample No	E365181/01		
Crop	GRAZED GRASS (CATTLE)		

Analysis	Result	Guideline	Interpretation	Comments
pH	5.0	6.0	Low	Low. An acidic environment will reduce soil nutrient availability and the efficiency of any applied fertilisers or organic materials. A sub-optimum pH will also impact on soil microbial populations and rates of activity. Refer to lime requirement.
Phosphorus (ppm)	17	16	Normal	(Index 2 [2.1]) 20 kg/ha P ₂ O ₅ (16 units/acre). Maintenance.
Potassium (ppm)	142	121	Normal	(Index 2- [2.1]) Adequate level for grazing system.
Magnesium (ppm)	139	51	High	(Index 3 [3.5]) Adequate level.
Lime Req. (t/ha)	6.0			

Additional Comments

The recommendations should be adjusted if organic manures are used. See RB209 for more information.
Where applicable soil applied P,K and pH recommendations are taken from AHDB Nutrient Management Guide (RB209)

Any indicated Lime Requirement assumes a medium textured soil.
Additional technical bulletins are available at www.lancrop.com.

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Released by *Chris Lindley*.....Laboratory Manager on behalf of Lancrop Laboratories



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Client : ANDREW DAVIES
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LLANSPYDDYD
BRECON
LD3 8PE

Please quote the above code for all enquiries

Local Rep : DELYTH DAVIES
Telephone : 07391 012852
Sample Matrix : Agricultural Soil

Laboratory Reference

Card Number 08670/18

Date Received 08-May-18
Date Reported 09-May-18

SOIL ANALYSIS REPORT

Laboratory Sample Reference	Field Details			Index			mg/l (Available)		
	No.	Name or O.S. Reference with Cropping Details	Soil pH	P	K	Mg	P	K	Mg
38915/18	1	LONG FIELD 9060 Maincrop Turnips into Market Peas	6.0	3	1	2	35.4	88	69
38916/18	2	POTATOE FIELD 6856 Grassland into Grassland	6.0	3	1	2	42.8	91	91
38917/18	3	CILWYCH 5560 Grassland into Grassland	5.7	3	1	2	33.0	91	74
38918/18	4	LANE FIELD 1079 Grassland into Grassland	5.5	4	2-	2	52.4	164	81
38919/18	5	HOUSE FIELD 9977 Grassland into Grassland	5.4	3	2-	2	41.6	170	66

If general fertiliser and lime recommendations have been requested, these are given on the following sheets.
The analytical methods used are as described in DEFRA Reference Book 427
The index values are determined from the DEFRA Fertiliser Recommendations RB209 9th Edition.

Released by Katie Dunn

On behalf of NRM Ltd

Date 09/05/18

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