



Part of Scotland's
Rural College (SRUC)



The work was done as part of Eurofins' strategic partnership with SRUC Innovation Ltd.



28871

West Lothian Council
Whitehill Ind Estate

Advisor: Mary-Jane Lawrie

Soil Report



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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	1	Next Crop		Lab Sample No	825-2026-00028211
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.77	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	166.0	mg/l	76 - 140	M-	
(a) Extractable Magnesium	281.4	mg/l	61 - 200	M	
(a) Extractable Calcium	1535	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	10.42	%	4 - 10	M	
(a) Extractable Sodium	18.10	mg/l	na		0 50
Cation Exchange Capacity	21.20	meq/100g			
Extractable Ca:Mg Ratio	5.5				
(a) Lime requirement - arable	6.4	t/ha			
(a) Lime requirement - grass	3.5	t/ha			

(a) = tests performed by the laboratory Eurofins Agro Testing UK (Edinburgh) under accreditation BS EN ISO/IEC 17025:2017 UKAS 28871.

** Typical value

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Authorised by Gareth Sliman (Laboratory Manager)

G. Sliman



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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	2	Next Crop		Lab Sample No	825-2026-00028212
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.4		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	6.46	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	225.7	mg/l	76 - 140	M-	
(a) Extractable Magnesium	321.1	mg/l	61 - 200	M	
(a) Extractable Calcium	1465	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	11.96	%	4 - 10	M	
(a) Extractable Sodium	19.43	mg/l	na		0 50
Cation Exchange Capacity	23.02	meq/100g			19.43
Extractable Ca:Mg Ratio	4.6				
(a) Lime requirement - arable	7.6	t/ha			
(a) Lime requirement - grass	4.6	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	3	Next Crop		Lab Sample No	825-2026-00028213
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.4		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	4.24	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	231.6	mg/l	76 - 140	M-	
(a) Extractable Magnesium	207.1	mg/l	61 - 200	M	
(a) Extractable Calcium	904	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.79	%	4 - 10	M	
(a) Extractable Sodium	17.19	mg/l	na		0 50
Cation Exchange Capacity	19.40	meq/100g			
Extractable Ca:Mg Ratio	4.4				
(a) Lime requirement - arable	7.5	t/ha			
(a) Lime requirement - grass	4.6	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	4	Next Crop		Lab Sample No	825-2026-00028214
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.6		na	M-	5.0 5.6 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	3.04	mg/l	4.5 - 9.4	M-	Very Low Low Moderate Moderate+ High Very High
(a) Extractable Potassium	123.2	mg/l	76 - 140	M-	Very Low Low Moderate Moderate+ High Very High
(a) Extractable Magnesium	403.7	mg/l	61 - 200	M	Low Moderate High Very High
(a) Extractable Calcium	2647	mg/l	1000 - 3000 (**)	M	Low Moderate High Very High
(a) Organic Matter (LOI)	13.86	%	4 - 10	M	0 50
(a) Extractable Sodium	29.08	mg/l	na		29.08
Cation Exchange Capacity	26.64	meq/100g			
Extractable Ca:Mg Ratio	6.6				
(a) Lime requirement - arable	5.8	t/ha			
(a) Lime requirement - grass	2.9	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	5	Next Crop		Lab Sample No	825-2026-00028215
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.4		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	3.23	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	134.0	mg/l	76 - 140	M-	
(a) Extractable Magnesium	237.7	mg/l	61 - 200	M	
(a) Extractable Calcium	1853	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	11.41	%	4 - 10	M	
(a) Extractable Sodium	23.30	mg/l	na		0 50
Cation Exchange Capacity	23.69	meq/100g			23.30
Extractable Ca:Mg Ratio	7.8				
(a) Lime requirement - arable	7.2	t/ha			
(a) Lime requirement - grass	4.3	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	6	Next Crop		Lab Sample No	825-2026-00028216
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.4		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	3.18	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	111.1	mg/l	76 - 140	M-	
(a) Extractable Magnesium	183.7	mg/l	61 - 200	M	
(a) Extractable Calcium	1561	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.73	%	4 - 10	M	
(a) Extractable Sodium	21.42	mg/l	na		0 50
Cation Exchange Capacity	22.19	meq/100g			21.42
Extractable Ca:Mg Ratio	8.5				
(a) Lime requirement - arable	7.2	t/ha			
(a) Lime requirement - grass	4.4	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	7	Next Crop		Lab Sample No	825-2026-00028217
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.8		na	M-	5.0 5.8 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	4.88	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	262.5	mg/l	76 - 140	M-	
(a) Extractable Magnesium	453.5	mg/l	61 - 200	M	
(a) Extractable Calcium	3375	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.84	%	4 - 10	M	
(a) Extractable Sodium	31.70	mg/l	na		0 31.70 50
Cation Exchange Capacity	28.19	meq/100g			
Extractable Ca:Mg Ratio	7.4				
(a) Lime requirement - arable	3.7	t/ha			
(a) Lime requirement - grass	0.0	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	8	Next Crop		Lab Sample No	825-2026-00028218
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.09	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	93.2	mg/l	76 - 140	M-	
(a) Extractable Magnesium	321.3	mg/l	61 - 200	M	
(a) Extractable Calcium	2232	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.84	%	4 - 10	M	
(a) Extractable Sodium	24.28	mg/l	na		0 50
Cation Exchange Capacity	24.74	meq/100g			24.28
Extractable Ca:Mg Ratio	6.9				
(a) Lime requirement - arable	6.0	t/ha			
(a) Lime requirement - grass	3.3	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	9	Next Crop		Lab Sample No	825-2026-00028219
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.6		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.42	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	68.3	mg/l	76 - 140	M-	
(a) Extractable Magnesium	227.5	mg/l	61 - 200	M	
(a) Extractable Calcium	1676	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	8.36	%	4 - 10	M	
(a) Extractable Sodium	20.04	mg/l	na		0 50
Cation Exchange Capacity	20.74	meq/100g			
Extractable Ca:Mg Ratio	7.4				
(a) Lime requirement - arable	5.9	t/ha			
(a) Lime requirement - grass	3.1	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	10	Next Crop		Lab Sample No	825-2026-00028220
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0
(a) Extractable Phosphorus	0.37	mg/l	4.5 - 9.4	M-	Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Potassium	113.8	mg/l	76 - 140	M-	Very Low Low Moderate High Very High
(a) Extractable Magnesium	267.7	mg/l	61 - 200	M	Low Moderate High
(a) Extractable Calcium	1451	mg/l	1000 - 3000 (**)	M	Low Moderate High
(a) Organic Matter (LOI)	9.61	%	4 - 10	M	0 50
(a) Extractable Sodium	25.83	mg/l	na		25.83
Cation Exchange Capacity	20.69	meq/100g			
Extractable Ca:Mg Ratio	5.4				
(a) Lime requirement - arable	6.4	t/ha			
(a) Lime requirement - grass	3.5	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	11	Next Crop		Lab Sample No	825-2026-00028221
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
					5.0 7.0
(a) pH	5.5		na	M-	5.5
					Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	6.52	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	76.8	mg/l	76 - 140	M-	
					Very Low Low Moderate High Very High
(a) Extractable Magnesium	168.2	mg/l	61 - 200	M	
					Low Moderate High
(a) Extractable Calcium	1083	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	11.43	%	4 - 10	M	
					0 50
(a) Extractable Sodium	33.37	mg/l	na		33.37
Cation Exchange Capacity	18.20	meq/100g			
Extractable Ca:Mg Ratio	6.4				
(a) Lime requirement - arable	6.7	t/ha			
(a) Lime requirement - grass	3.8	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	12	Next Crop		Lab Sample No	825-2026-00028222
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	6.3		na	M-	5.0 7.0 6.3 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	1.40	mg/l	4.5 - 9.4	M-	Very Low Low Moderate Moderate+ High Very High
(a) Extractable Potassium	199.0	mg/l	76 - 140	M-	Very Low Low Moderate High Very High
(a) Extractable Magnesium	317.0	mg/l	61 - 200	M	Low Moderate High
(a) Extractable Calcium	3700	mg/l	1000 - 3000 (**)	M	Low Moderate High
(a) Organic Matter (LOI)	12.61	%	4 - 10	M	0 50
(a) Extractable Sodium	20.88	mg/l	na		20.88
Cation Exchange Capacity	23.54	meq/100g			
Extractable Ca:Mg Ratio	11.7				
(a) Lime requirement - arable	0.0	t/ha			
(a) Lime requirement - grass	0.0	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	13	Next Crop		Lab Sample No	825-2026-00028223
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.4		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.91	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	124.0	mg/l	76 - 140	M-	
(a) Extractable Magnesium	280.0	mg/l	61 - 200	M	
(a) Extractable Calcium	1716	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.76	%	4 - 10	M	
(a) Extractable Sodium	25.84	mg/l	na		0 50
Cation Exchange Capacity	23.70	meq/100g			25.84
Extractable Ca:Mg Ratio	6.1				
(a) Lime requirement - arable	7.1	t/ha			
(a) Lime requirement - grass	4.3	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	14	Next Crop		Lab Sample No	825-2026-00028224
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.6		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	1.52	mg/l	4.5 - 9.4	M-	Very Low Low Moderate Moderate+ High Very High
(a) Extractable Potassium	106.8	mg/l	76 - 140	M-	Very Low Low Moderate High Very High
(a) Extractable Magnesium	271.9	mg/l	61 - 200	M	Low Moderate High Very High
(a) Extractable Calcium	1932	mg/l	1000 - 3000 (**)	M	Low Moderate High Very High
(a) Organic Matter (LOI)	9.26	%	4 - 10	M	0 50
(a) Extractable Sodium	23.27	mg/l	na		23.27
Cation Exchange Capacity	22.38	meq/100g			
Extractable Ca:Mg Ratio	7.1				
(a) Lime requirement - arable	5.8	t/ha			
(a) Lime requirement - grass	3.1	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	15	Next Crop		Lab Sample No	825-2026-00028225
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.43	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	246.1	mg/l	76 - 140	M-	
(a) Extractable Magnesium	319.7	mg/l	61 - 200	M	
(a) Extractable Calcium	2011	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.90	%	4 - 10	M	
(a) Extractable Sodium	21.48	mg/l	na		0 50
Cation Exchange Capacity	24.84	meq/100g			21.48
Extractable Ca:Mg Ratio	6.3				
(a) Lime requirement - arable	6.4	t/ha			
(a) Lime requirement - grass	3.7	t/ha			

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** Typical value

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Authorised by Gareth Sliman (Laboratory Manager)

G. Sliman



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Advisor: Mary-Jane Lawrie

Soil Report



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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	16	Next Crop		Lab Sample No	825-2026-00028226
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.39	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	170.2	mg/l	76 - 140	M-	
(a) Extractable Magnesium	303.4	mg/l	61 - 200	M	
(a) Extractable Calcium	1602	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	9.29	%	4 - 10	M	
(a) Extractable Sodium	21.09	mg/l	na		0 50
Cation Exchange Capacity	22.35	meq/100g			21.09
Extractable Ca:Mg Ratio	5.3				
(a) Lime requirement - arable	6.4	t/ha			
(a) Lime requirement - grass	3.6	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	17	Next Crop		Lab Sample No	825-2026-00028227
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.8		na	M-	5.0 5.8 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	6.32	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	445.9	mg/l	76 - 140	M-	
(a) Extractable Magnesium	373.0	mg/l	61 - 200	M	
(a) Extractable Calcium	2035	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	11.80	%	4 - 10	M	
(a) Extractable Sodium	20.14	mg/l	na		0 20.14 50
Cation Exchange Capacity	21.71	meq/100g			
Extractable Ca:Mg Ratio	5.5				
(a) Lime requirement - arable	4.3	t/ha			
(a) Lime requirement - grass	0.0	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	18	Next Crop		Lab Sample No	825-2026-00028228
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.6		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	4.66	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	315.8	mg/l	76 - 140	M-	
(a) Extractable Magnesium	288.5	mg/l	61 - 200	M	
(a) Extractable Calcium	1276	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	10.92	%	4 - 10	M	
(a) Extractable Sodium	17.93	mg/l	na		0 50
Cation Exchange Capacity	19.75	meq/100g			
Extractable Ca:Mg Ratio	4.4				
(a) Lime requirement - arable	6.1	t/ha			
(a) Lime requirement - grass	3.2	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	19	Next Crop		Lab Sample No	825-2026-00028229
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
					5.0 7.0
(a) pH	5.4		na	M-	5.4
					Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	4.03	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	285.9	mg/l	76 - 140	M-	
					Very Low Low Moderate High Very High
(a) Extractable Magnesium	266.5	mg/l	61 - 200	M	
					Low Moderate High
(a) Extractable Calcium	1360	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	10.89	%	4 - 10	M	
					0 50
(a) Extractable Sodium	17.67	mg/l	na		17.67
Cation Exchange Capacity	22.31	meq/100g			
Extractable Ca:Mg Ratio	5.1				
(a) Lime requirement - arable	7.5	t/ha			
(a) Lime requirement - grass	4.6	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	20	Next Crop		Lab Sample No	825-2026-00028230
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.7		na	M-	5.0 5.7 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	6.98	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	507.9	mg/l	76 - 140	M-	
(a) Extractable Magnesium	333.0	mg/l	61 - 200	M	
(a) Extractable Calcium	1550	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	11.96	%	4 - 10	M	
(a) Extractable Sodium	17.56	mg/l	na		0 17.56 50
Cation Exchange Capacity	20.66	meq/100g			
Extractable Ca:Mg Ratio	4.7				
(a) Lime requirement - arable	5.3	t/ha			
(a) Lime requirement - grass	2.4	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	21	Next Crop		Lab Sample No	825-2026-00028231
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.5		na	M-	5.0 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.82	mg/l	4.5 - 9.4	M-	
(a) Extractable Potassium	128.2	mg/l	76 - 140	M-	
(a) Extractable Magnesium	313.0	mg/l	61 - 200	M	
(a) Extractable Calcium	1610	mg/l	1000 - 3000 (**)	M	
(a) Organic Matter (LOI)	10.27	%	4 - 10	M	
(a) Extractable Sodium	17.41	mg/l	na		0 50
Cation Exchange Capacity	22.22	meq/100g			
Extractable Ca:Mg Ratio	5.1				
(a) Lime requirement - arable	6.5	t/ha			
(a) Lime requirement - grass	3.7	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	22	Next Crop		Lab Sample No	825-2026-00028232
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	5.6		na	M-	5.0 5.6 7.0 Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Phosphorus	2.10	mg/l	4.5 - 9.4	M-	Very Low Low Moderate Moderate+ High Very High
(a) Extractable Potassium	178.9	mg/l	76 - 140	M-	Very Low Low Moderate High Very High
(a) Extractable Magnesium	293.8	mg/l	61 - 200	M	Low Moderate High
(a) Extractable Calcium	1802	mg/l	1000 - 3000 (**)	M	Low Moderate High
(a) Organic Matter (LOI)	9.41	%	4 - 10	M	0 50
(a) Extractable Sodium	19.69	mg/l	na		19.69
Cation Exchange Capacity	22.08	meq/100g			
Extractable Ca:Mg Ratio	6.1				
(a) Lime requirement - arable	5.7	t/ha			
(a) Lime requirement - grass	3.0	t/ha			

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Farm Sampled	Beecraigs	Previous Crop		Cost Centre	
Field Name or ID	23	Next Crop		Lab Sample No	825-2026-00028233
FID Number		Date received	07/05/2026	Case No	EUUK055-00017281
Soil Type	Mineral	Date reported	12/05/2026	Analysis start date	07/05/2026

Determination	Result	Units	Target Value	Target Status	Status
(a) pH	4.8		na	M-	5.0 7.0
(a) Extractable Phosphorus	1.29	mg/l	4.5 - 9.4	M-	Very Low Low Moderate- Moderate+ High Very High
(a) Extractable Potassium	118.2	mg/l	76 - 140	M-	
(a) Extractable Magnesium	95.9	mg/l	61 - 200	M	Very Low Low Moderate High Very High
(a) Extractable Calcium	323	mg/l	1000 - 3000 (**)	M	Low Moderate High
(a) Organic Matter (LOI)	16.84	%	4 - 10	M	0 50
(a) Extractable Sodium	23.14	mg/l	na		23.14
Cation Exchange Capacity	21.66	meq/100g			
Extractable Ca:Mg Ratio	3.4				
(a) Lime requirement - arable	11.9	t/ha			
(a) Lime requirement - grass	8.8	t/ha			

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Summary of Results

FINAL REPORT

Farm Sampled: Beecraigs

Batch Number:

Report Date: 12/05/2026

SAC	SAC Status	Extractable Phosphorus	Extractable Potassium	Extractable Magnesium
Scales of Interpretation, results in mg/l	VL	0-1.7	0-39	0-19
	L	1.8-4.4	40-75	20-60
	M-	4.5-9.4	76-140	61-200
	M+	9.50-13.4	141-200	61-200
	H	13.5-30.0	201-400	201-1000
	VH	> 30.0	> 400	> 1000

Lab Sample No	Field Name or ID	pH	Lime Required		P mg/l	Extractables	
			Arable t/ha	Grass t/ha		K mg/l	Mg mg/l
825-2026-00028211	1	5.5	6.4	3.5	2.77 (L)	166.0 (M+)	281.4 (H)
825-2026-00028212	2	5.4	7.6	4.6	6.46 (M-)	225.7 (H)	321.1 (H)
825-2026-00028213	3	5.4	7.5	4.6	4.24 (L)	231.6 (H)	207.1 (H)
825-2026-00028214	4	5.6	5.8	2.9	3.04 (L)	123.2 (M-)	403.7 (H)
825-2026-00028215	5	5.4	7.2	4.3	3.23 (L)	134.0 (M-)	237.7 (H)
825-2026-00028216	6	5.4	7.2	4.4	3.18 (L)	111.1 (M-)	183.7 (M)
825-2026-00028217	7	5.8	3.7	0.0	4.88 (M-)	262.5 (H)	453.5 (H)
825-2026-00028218	8	5.5	6.0	3.3	2.09 (L)	93.2 (M-)	321.3 (H)
825-2026-00028219	9	5.6	5.9	3.1	2.42 (L)	68.3 (L)	227.5 (H)
825-2026-00028220	10	5.5	6.4	3.5	0.37 (VL)	113.8 (M-)	267.7 (H)
825-2026-00028221	11	5.5	6.7	3.8	6.52 (M-)	76.8 (M-)	168.2 (M)
825-2026-00028222	12	6.3	0.0	0.0	1.40 (VL)	199.0 (M+)	317.0 (H)
825-2026-00028223	13	5.4	7.1	4.3	2.91 (L)	124.0 (M-)	280.0 (H)
825-2026-00028224	14	5.6	5.8	3.1	1.52 (VL)	106.8 (M-)	271.9 (H)
825-2026-00028225	15	5.5	6.4	3.7	2.43 (L)	246.1 (H)	319.7 (H)
825-2026-00028226	16	5.5	6.4	3.6	2.39 (L)	170.2 (M+)	303.4 (H)

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825-2026-00028227	17	5.8	4.3	0.0	6.32 (M-)	445.9 (VH)	373.0 (H)
825-2026-00028228	18	5.6	6.1	3.2	4.66 (M-)	315.8 (H)	288.5 (H)
825-2026-00028229	19	5.4	7.5	4.6	4.03 (L)	285.9 (H)	266.5 (H)
825-2026-00028230	20	5.7	5.3	2.4	6.98 (M-)	507.9 (VH)	333.0 (H)
825-2026-00028231	21	5.5	6.5	3.7	2.82 (L)	128.2 (M-)	313.0 (H)
825-2026-00028232	22	5.6	5.7	3.0	2.10 (L)	178.9 (M+)	293.8 (H)
825-2026-00028233	23	4.8	11.9	8.8	1.29 (VL)	118.2 (M-)	95.9 (M)

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