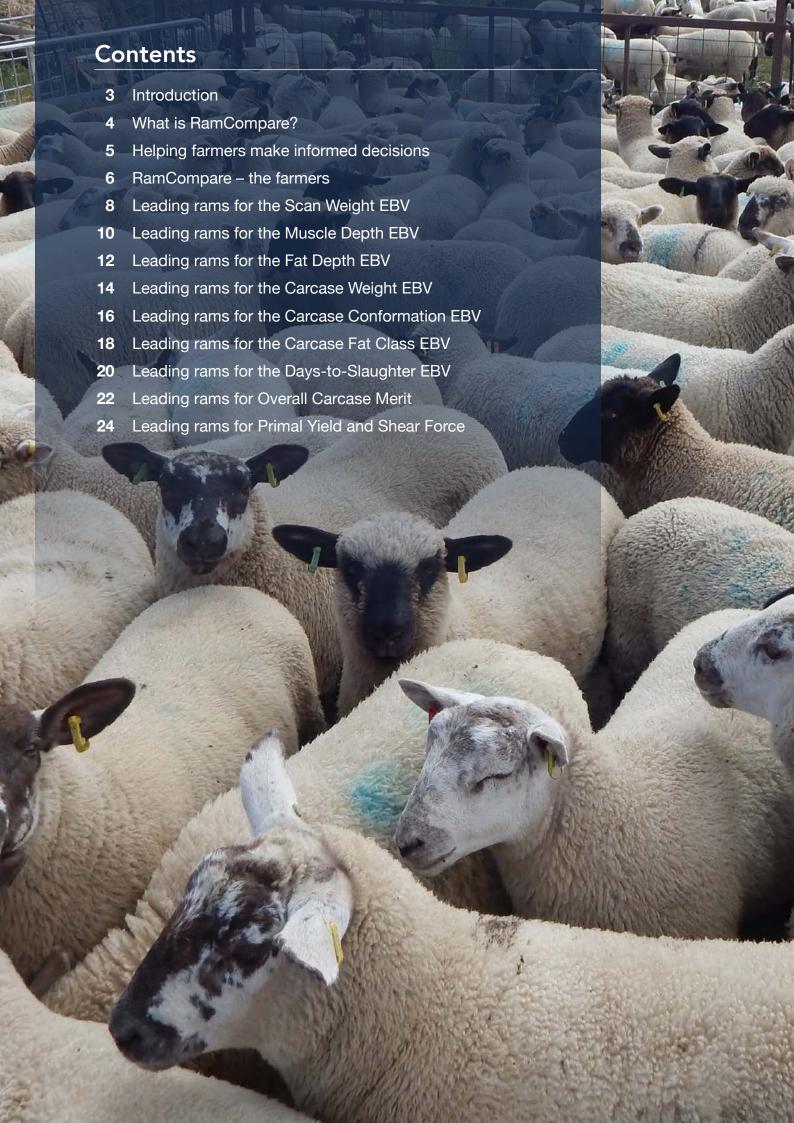# RamCOMPARE

YEAR 4 RESULTS

Contents

Introduction

After the drought of 2018, it was reassuring to see lamb-finishing patterns return to normal in 2019 and another fantastic dataset has been collected. With breeding values released for all the main traits, we are able to step back and analyse the data, while simultaneously extending the reach of the project to new flocks and new breeds.

The National Terminal Sire Evaluation was re-launched in 2019, in no small part thanks to the data provided by RamCompare. It provides the clearest demonstration yet of the value of levy board investment in genetic research and in measurement services such as ultrasound scanning and Computed Tomography (CT) scanning.

With huge industry support, we have a unique dataset that not only shows the commercial value of recorded rams, but also provides a deeper understanding of how a ram's genetics can influence farm profitability and the lamb products reaching the consumer.

RamCompare is one of the UK's most important sheep breeding projects and we thank all those who have supported it over the previous 12 months.

Samuel Boon and Bridget Lloyd
AHDB

What is RamCompare?

RamCompare is the UK's commercial progeny test for terminal sire rams. Over four breeding seasons, we have recorded the performance of 19,000 lambs sired by 211 rams through artificial insemination (AI) and natural mating.

Data on growth and carcase traits has been collected from these lambs under commercial conditions. It is fed back directly into genetic evaluations and used to produce estimated breeding values (EBVs).

How is RamCompare data analysed?

EBVs are produced from two separate genetic analyses. Each analysis takes into account the environmental differences between farms, as well as non-genetic factors such as a lamb's age, sex and birth type.

- The National Terminal Sire Evaluation generates EBVs for eight-week weight, scan weight, muscle and fat depth
- The RamCompare Evaluation generates EBVs for days-to-slaughter, carcase weight, conformation and fat class, primal yield and shear force

Why is RamCompare important?

- To compare the performance of progeny by different high-index rams from various terminal sire breeds for a variety of traits
- To produce EBVs from abattoir data, to understand how they relate to EBVs produced from measurements in the live animal and to determine their value to industry
- To collect data that adds value to Signet's multi-breed analysis, the National Terminal Sire Evaluation

RamCompare helps ram breeders and commercial ram buyers to select the most profitable sheep for their flock, based on the genetic attributes they will pass on to their progeny.

Where do I find out more?

This publication shows the leading rams within the project. It provides guidance about how to select rams with superior carcase attributes using information that is easily accessed online.

To learn more:

- Visit the Signet website, **signetdata.com**, which has links to webinars and publications, as well as the latest news from RamCompare. Signet's website also lists breeders who performance-record their flock and have sheep for sale
- Read the AHDB manual, ***Buying a recorded ram for terminal sire traits***
- Find the latest breeding values for rams that you own or wish to buy at **signetdata.com** or the Texel Society, **texel.uk**

Helping farmers make informed decisions

RamCompare has tested whether the breeding values published by Signet are a good indicator of progeny performance on commercial farms. In most cases the answer is yes, although for some traits, we have updated our recommendations on the best ways to enhance them.

While abattoir-derived breeding values, such as carcase weight and conformation, are currently only available for rams tested by RamCompare, this project shows that in instances where this information is unavailable, ram buyers can and should use existing breeding values, such as Scan Weight and Muscle Depth, to select more profitable rams.

The relative value of each trait will vary from farm to farm, but – having picked an attribute to improve – RamCompare data shows how to enhance that attribute through ram selection.

On-farm growth rate

A ram's Scan Weight EBV is a good predictor of his progeny's growth rate through to weaning. If you are solely focused on increasing lamb weights or selling large store lambs, then selecting rams with high Scan Weight EBVs will increase the weight of lamb sold.

Days-to-slaughter

A ram's Scan Weight EBV also tends to indicate the speed with which lambs will finish. Selecting rams with high Scan Weight EBVs will lead to faster finishing lambs.

Carcase weight

One surprising finding is the relatively low relationship between a ram's Scan Weight EBV and the carcase weight of his progeny. This may be associated with major muscling genes that influence yield. Selecting rams with high Scan Weight EBVs can increase carcase weights, but producers are also advised to select rams with superior breeding potential for muscling.

Carcase conformation

Although the Muscle Depth EBV only predicts muscling at a single point in the carcase (the loin), it identifies rams whose progeny have superior carcase conformation. Producers interested in enhancing this trait are also advised to select rams with superior CT Muscularity and CT Lean Weight EBVs to enhance both carcase shape and muscle yield.

Carcase fat class

A ram's Fat Depth EBV provides a good indicator of the fat classification that will be achieved by his progeny. The CT Fat Weight EBV will also aid the selection of leaner or fatter genetics. Remember: negative values indicate leaner lambs, positive values will produce fatter ones.

Summary

Within the RamCompare project, ram breeders, consultants, geneticists, vets and supply chain partners have learned information that will change the way they work with farmers and support the industry. For commercial farmers, the message is simple:

> " Estimated Breeding Values still provide the most accurate way to find the most profitable rams "

For case studies showing the value of superior sires, go to **ramcompare.com**

RamCompare – the farmers

Over the past four seasons, RamCompare has progeny-tested over 19,000 lambs from 211 different sires, representing 10 breeds. The project is a huge collaborative effort, with support from across the supply chain – but none of it would be possible without our RamCompare farmers.

Duncan Nelless, Thistleyhaugh, Northumberland

- Upland, mixed organic farm of 550 ha, with 2,000 Lleyn ewes
- Lambing March/April, finished from clover-rich leys

Philip and Charlie Whitehouse, Bradley Farm, Gloucestershire

- Mixed farm of 930 ha, with 1,000 pedigree Lleyn ewes
- Lambing in February, with lambs finished from grass by September

Ian Robertson, Chawton Park Farm, Hampshire

- Grassland of 270 ha, with 1,400 Lleyn ewes, outside year-round
- Lambing in May, finished lambs on grass/silage aftermaths

Mark and Lynne Exelby, The Hutts Farm, Yorkshire

- Mixed organic farm of 202 ha, with 400 North of England Mule ewes
- Lambing in May, lambs are finished on red clover leys and a few oats

Sion Williams, Bowhill Farming Limited, Buccleuch Estate, Selkirk

- Buccleuch's Bowhill Estate of 6,555 ha, with 8,100 breeding ewes
- Post-weaning lambs are finished from red clover leys or silage aftermath

Russell and Rhys Edwards, Hendre Ifan Goch Farm, Bridgend

- Hill sheep farm of 101 ha, with 600 White-Faced Mule ewes/Welsh Mules
- Lambing indoors in March, lambs are finished on high sugar grass leys

Adrian and Lyn Coombe, Dupath Farm, Cornwall

- Lowland mixed farm of 154 ha, with 600 North Country Mules
- Lambing indoors in March, with weaned lambs finishing from silage aftermath

Richard Parry, Mint & Mustard Produce Ltd., Suffolk

- Coastland mixed farm of 750 ha, with 1200 Suffolk x Mule ewes
- Lambing in April, with lambs finished on waste vegetable crops

Aurélie Aubry, Agri-food and Biosciences Institute (AFBI), Northern Ireland

- Lowland grazing pastures with 360 composite ewes
- Lambing in March, lambs are finished off grass

In order to help pedigree and commercial producers, we need to encourage a greater understanding of EBVs so that they can be used with confidence. RamCompare aims to demonstrate clear benefits, from on-farm results and financial performance. There are many tools provided with this objective in mind.

Keep in touch with RamCompare:

- Website
- Case studies
- Discussion groups (vet/regional/breed society)
- Webinars
- Breeder Bulletin
- Farm events (the three events planned this year will be postponed to summer 2021)
- Industry NSA events
- Abattoir consumer group events
- Breed focus updates
- Social media

Leading rams for Scan Weight EBV (2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
THORGANBY HRF:09012	Meatlinc	H R Fell & Sons Ltd		71	131	92
SAMPFORDEL HRH:15:00452	Suffolk	K A Hill		111	119	94
SAMPFORDEL HERO HRH:14:00334	Suffolk	K A Hill		48	119	95
DRINKSTONE NAPOLEON 12 Y68:12:031	Suffolk	R J L Park		82	118	98
BENTLEY ROYAL STANDARD 239:N42	Suffolk	T C & C A Harding	D M & S Prince	29	118	95
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	117	92
ESSIE VULCAN H6:14:00580	Suffolk	Irene Fowlie		39	116	91
REDHILL 17WGH01512	Charollais	Redhill Charollais	ChazCompare	56	115	92
ESSIE H6:17:01308	Suffolk	Irene Fowlie		74	115	91
WHICHFORD FIRST CLASS C18:15:00001	Suffolk	JB & RL Cook		136	112	94
ALLISON GA:1714123	Meatlinc	George Allison		64	112	92
MIDHOPE MASTER CLASS L20:14:00659	Suffolk	John Key	JB & RL Cook	46	111	95
THORGANBY HRF:09018	Meatlinc	H R Fell & Sons Ltd		134	111	94
ORTUM 78X:17:00839	Suffolk	Garner & Son		72	111	92
ORTUM SUPER TRIPLE 78X:14:00601	Suffolk	Garner & Son		55	111	95

Leading rams for Scan Weight EBV (2016–2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
THORGANBY HRF:09012	Meatlinc	H R Fell & Sons Ltd		71	131	92
BENTLEY XCELLENT 239:16:02039	Suffolk	T C & C A Harding	E A & L Jackson	24	131	92
BENTLEY BOMBER II 239:14:01128	Suffolk	T C & C A Harding	R J L Park	35	123	92
SAMPFORDEL HRH:15:00452	Suffolk	K A Hill		111	119	94
SAMPFORDEL HERO HRH:14:00334	Suffolk	K A Hill		48	119	95
DRINKSTONE NAPOLEON 12 Y68:12:031	Suffolk	R J L Park		82	118	98
BENTLEY ROYAL STANDARD 239:N42	Suffolk	T C & C A Harding	D M & S Prince	29	118	95
ASPLEY 92W1400386	Hampshire Down	George & Sara Wood		140	117	95
RUGLEY RAMCOMPARE 10P:14:04080	Suffolk	E A & L Jackson		215	117	97
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	117	92
SAMPFORDEL HRH:15:00390	Suffolk	K A Hill		83	117	92
DRINKSTONE TRIPLE JOHN Y68:14:06241	Suffolk	R J L Park		41	116	97
BEEFORD WARRIOR CBS1500509	Texel	S J Curtis	E A & L Jackson	38	116	94
ESSIE VULCAN H6:14:00580	Suffolk	Irene Fowlie		39	116	91
STONEDGE LYN:15:01124	Suffolk	D M & S Prince		60	116	90

Notes: Data analysis date: 18 Jan 2020. Analysis type: National Terminal Sire Evaluation

Leading rams for Muscle Depth EBV (2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
ORTUM 78X:17:00839	Suffolk	Garner & Son		72	130	95
RICHARDSON CR:1611184	Meatlinc	C & J P Richardson		133	130	97
ALLISON GA:1612503	Meatlinc	George Allison	Clive & Jenny Richardson	77	127	96
MIDHOPE MASTER CLASS L20:14:00659	Suffolk	John Key	JB & RL Cook	46	121	97
THORGANBY HRF:09018	Meatlinc	H R Fell & Sons Ltd		134	120	96
PENYGELLI PAP1702610	Texel	Alwyn Phillips		51	119	92
ORTUM 78X:17:00842	Suffolk	Garner & Son		68	119	94
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	118	97
NORMANBY 27Z1700622	Hampshire Down	C M Brant & Son		77	117	94
ALLISON GA:1714123	Meatlinc	George Allison		64	116	95
PENYGELLI PAP1602386	Texel	Alwyn Phillips		123	113	96
SIDWELL CAPTAIN C471700012	Hampshire Down	Stuart Friswell		78	113	95
ALLBLACK DOUBLE M NZZ:N182	Suffolk	Robyn Hulme	BRIDFA	16	112	97
BENNIWORTH 03Y1700365	Hampshire Down	Simon Williams		71	112	95
PENYGELLI PAP1702463	Texel	Alwyn Phillips		85	111	94

Leading rams for Muscle Depth EBV (2016–2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
HANDBANK SUPER NOVA PRH1100114	Texel	R M & E A Payne		40	144	95
ORTUM 78X:17:00839	Suffolk	Garner & Son		72	130	95
RICHARDSON CR:1611184	Meatlinc	C & J P Richardson		133	130	97
ALLISON GA:1612503	Meatlinc	George Allison	Clive & Jenny Richardson	77	127	96
HANS FOKKER 95 T79:13:095	Suffolk	H F Porksen		57	123	99
MIDHOPE MASTER CLASS L20:14:00659	Suffolk	John Key	JB & RL Cook	46	121	97
ESSIE H6:16:01143	Suffolk	Irene Fowlie		98	120	95
THORGANBY HRF:09018	Meatlinc	H R Fell & Sons Ltd		134	120	96
PENYGELLI PAP1702610	Texel	Alwyn Phillips		51	119	92
ORTUM 78X:17:00842	Suffolk	Garner & Son		68	119	94
ALLISON GA:1612571	Meatlinc	George Allison		83	119	97
ALLISON GA:137968	Meatlinc	George Allison		58	118	98
ALLISON 11681 GA:1511681	Meatlinc	George Allison		89	118	96
THORGANBY 4775 HRF:04775	Meatlinc	H R Fell & Sons Ltd		106	118	99
ORTUM SUPERSIRE 05 78X:F49	Suffolk	Garner & Son		194	118	99

Notes: Data analysis date: 18 Jan 2020. Analysis type: National Terminal Sire Evaluation

Leading rams for Fat Depth EBV – leanest (2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
RUGLEY JER1505286	Texel	E A & L Jackson		166	74	97
CROGHAM LAMBERT 11AB00035	Charollais	Crogham Charollais Sheep	Ingram family	34	75	97
ESSIE VULCAN H6:14:00580	Suffolk	Irene Fowlie		39	77	94
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	77	95
ORTUM SUPER TRIPLE 78X:14:00601	Suffolk	Garner & Son		55	80	97

Leading rams for Fat Depth EBV – fattest (2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
LECROPT 53Y1700376	Hampshire Down	Jane & Roy McFarlane		84	128	96
POORTON 359:W0374	Poll Dorset	Fooks Brothers	Tim Pratt	156	125	98
MISERDEN VINNIE AAS/12/00783	Blue Texel	A & S Andrews		50	124	96
KELSEY 18U1600422	Hampshire Down	D Smith & J Atkinson		231	123	98
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	121	97

Leading rams for Fat Depth EBV – leanest (2016–2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
STAINTON VANTAGE II WPS1400599	Texel	P K Woof	Claybury Texels	59	60	99
RUGLEY JER1505286	Texel	E A & L Jackson		166	74	97
CROGHAM LAMBERT 11AB00035	Charollais	Crogham Charollais Sheep	Ingram family	34	75	97
BENTLEY XCELLENT 239:16:02039	Suffolk	T C & C A Harding	E A & L Jackson	24	76	95
ESSIE VULCAN H6:14:00580	Suffolk	Irene Fowlie		39	77	94

Leading rams for Fat Depth EBV – fattest (2016–2019)

Interpretation: standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
GRAYLEN 24Y1502085	Hampshire Down	Graham & Judith Galbraith		145	140	96
LECROPT 53Y1700376	Hampshire Down	Jane & Roy McFarlane		84	128	96
POORTON 359:W0374	Poll Dorset	Fooks Brothers	Tim Pratt	156	125	98
COURT 13090 LEADER 73R13090	Hampshire Down	Mike J Adams		90	125	97
WICARDO 14WMH01600	Charollais	Richard Berry		49	125	93

Notes: Data analysis date: 18 Jan 2020. Analysis type: National Terminal Sire Evaluation

Leading rams for Carcase Weight EBV (2019)

Interpretation: the EBV for carcase weight is expressed in kilograms (kg). A ram with an EBV for carcase weight of +1 has the genetic potential to produce progeny that will be, on average, 0.5 kg heavier at a constant age than a ram with an EBV of 0. Standardised value of 100 equals the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
GREY PEEL LEAR JET HMF05019	Texel	Maurice Hardy-Bishop		30	1.79	61	135
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	1.68	70	133
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	1.00	93	120
BURNVIEW OLYMPIC DREAM T86:12:086	Suffolk	S & W Tait	D M & S Prince	25	0.99	69	120
ARKLE PACIFIC STAR WGA092612	Texel	George Wilkinson	Deri Morgan	38	0.98	75	120
WEALDEN HTW1501312	Texel	T R Healy		95	0.96	87	119
RAINBOW SERENDIPITY 17XPU02835	Charollais	Andrew Walton	ChazCompare	61	0.94	87	119
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	0.83	86	117
SIDWELL CAPTAIN C471700012	Hampshire Down	Stuart Friswell		78	0.78	81	116
MEON DOWN VOLTAN FTD1401386	Texel	D & T Bradley Farmer		195	0.77	91	116
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	0.75	89	115
RUTLAND HUMDINGER ZFY:07207	Charollais	Mary Tulloch	Ingram family	58	0.71	86	115
THORGANBY HRF:09012	Meatlinc	H R Fell & Sons Ltd		71	0.71	87	115
ELKSTONE HME1602449	Texel	Matt Hobbs		138	0.68	89	114
RAINBOW STATISTICIAN 17XPU02870	Charollais	Andrew Walton	ChazCompare	91	0.68	90	114

Leading rams for Carcase Weight EBV (2016–2019)

Interpretation: the EBV for carcase weight is expressed in kilograms (kg). A ram with an EBV for carcase weight of +1 has the genetic potential to produce progeny that will be, on average, 0.5 kg heavier at a constant age than a ram with an EBV of 0. Standardised value of 100 equals the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
GREY PEEL LEAR JET HMF05019	Texel	Maurice Hardy-Bishop		30	1.79	61	135
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	1.68	70	133
HANS FOKKER 95 T79:13:095	Suffolk	H F Porksen		57	1.36	81	127
COURT 7739 CONTENDER 73R07739	Hampshire Down	Mike J Adams		32	1.15	79	123
ROXBURGH SHOT GUN WILLIE EJR1101108	Texel	John Elliot	D M & S Prince	142	1.08	91	122
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	1.00	93	120
HANDBANK PRH1500573	Texel	R M & E A Payne	P L & L F Baber	67	0.99	87	120
BURNVIEW OLYMPIC DREAM T86:12:086	Suffolk	S & W Tait	D M & S Prince	25	0.99	69	120
ARKLE PACIFIC STAR WGA092612	Texel	George Wilkinson	Deri Morgan	38	0.98	75	120
GAYNES MAJOR CMG06129	Texel	Gaynes Park Farm Limited	Trinidad Investments UK Limited	181	0.98	94	120
WEALDEN HTW1501312	Texel	T R Healy		95	0.96	87	119
RAINBOW SERENDIPITY 17XPU02835	Charollais	Andrew Walton	ChazCompare	61	0.94	87	119
DALBY MALACHITE 12PE01501	Charollais	C R Sercombe	Edstaston, Knockin, Rainbow & Fortress flocks	144	0.86	92	117
COURT 12077 GENERAL 73R12077	Hampshire Down	Mike J Adams	Simon Williams	83	0.85	88	117
WEDDERBURN PELEUS 15WNY02086	Charollais	J D R & J L Corbett	Lowerye, Rainbow, Crogham & Hyde flocks	72	0.84	87	117

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Leading rams for Carcase Conformation EBV (2019)

Interpretation: carcase conformation EBVs indicate genetic potential for conformation. Units of measurement are based on a 15-point scale. Animals with a high positive value have the genetic potential to produce superior conformation. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	3.34	97	139
PENYGELLI PAP1702463	Texel	Alwyn Phillips		85	1.85	89	121
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	1.67	96	119
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	1.62	95	119
ARKLE PACIFIC STAR WGA092612	Texel	George Wilkinson	Deri Morgan	38	1.53	89	118
GREY PEEL LEAR JET HMF05019	Texel	Maurice Hardy-Bishop		30	1.46	80	117
ANDERSEY 883:170545	Southdown	Rob Beamount		76	1.42	95	116
CASTLE KELLY AJAX ILI1700914	Texel	James Kelly		119	1.33	96	115
ELKSTONE HME1703120	Texel	Matt Hobbs		72	1.32	95	115
MISERDEN VINNIE AAS/12/00783	Blue Texel	A & S Andrews		50	1.3	94	115
PENYGELLI PAP1702610	Texel	Alwyn Phillips		51	1.23	92	114
RAINBOW STATISTICIAN 17XPU02870	Charollais	Andrew Walton	ChazCompare	91	1.12	96	113
RUGLEY JER1505286	Texel	E A & L Jackson		166	1.08	98	112
MISERDEN AAS1401255	Texel	A & S Andrews		261	1.01	98	111
ELKSTONE HME1602449	Texel	Matt Hobbs		138	0.99	96	111

Leading rams for Carcase Conformation EBV (2016–2019)

Interpretation: carcase conformation EBVs indicate genetic potential for conformation. Units of measurement are based on a 15-point scale. Animals with a high positive value have the genetic potential to produce superior conformation. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
CORSTANE KNOT-OUT MDC:K0056	Beltex	Mary Dunlop		41	3.88	93	145
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	3.34	97	139
ELKSTONE HME1501742	Texel	Matt Hobbs		57	2.92	94	134
BOGHOUSE ULTRA MUSCLE JKE1304414	Texel	K I Johnstone	Alwyn Phillips	78	2.67	96	131
HANDBANK SUPER NOVA PRH1100114	Texel	R M & E A Payne		40	2.59	93	130
PENYGELLI PAP1501802	Texel	Alwyn Phillips		67	2.48	94	129
ROXBURGH SHOT GUN WILLIE EJR1101108	Texel	John Elliot	D M & S Prince	142	2.23	97	126
LOWERYE STALLONE 17ZVY03456	Charollais	N Oughton		48	2.23	93	126
CLARY NUMBER ONE COC:N3557	Beltex	Jock McMillan	Mary Dunlop	74	2.02	95	123
PENYGELLI PAP1702463	Texel	Alwyn Phillips		85	1.85	89	121
STONEDGE WALLYKAZAM YDP1500991	Texel	D M & S Prince		157	1.79	98	121
GARNGOUR NIJINSKY CJN07579	Texel	J & H Clark	Claybury Texels	24	1.7	86	120
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	1.67	96	119
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	1.62	95	119
MISERDEN YOUNG REBEL AAS/15/01680	Blue Texel	A & S Andrews		40	1.57	91	118

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Leading rams for Carcase Fat Class EBV – leanest (2019)

Interpretation: carcase fat class EBVs indicate genetic potential to influence fat class. Animals with low negative values have the genetic potential to produce leaner carcases; positive values indicate fatter carcases. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
AVON VALE YALE MQZ1602438	Texel	J M, C E & P Mitchell	Roger Helme	36	-2.25	89	73
RUGLEY JER1505286	Texel	E A & L Jackson		166	-1.74	97	79
BENTLEY ROYAL STANDARD 239:N42	Suffolk	T C & C A Harding	D M & S Prince	29	-1.63	88	80
WEDDERBURN STAMITOS 17WNY02835	Charollais	J D R & J L Corbett	Carroll Barber	19	-1.47	78	82
GLENWAY YOSEMITE MFZ1601117	Texel	Ian Murray		43	-1.32	83	84

Leading rams for Carcase Fat Class EBV – fattest (2019)

Interpretation: carcase fat class EBVs indicate genetic potential to influence fat class. Animals with low negative values have the genetic potential to produce leaner carcases; positive values indicate fatter carcases. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
WHITEHEAD 14365 GLADIATOR 64T1400365	Hampshire Down	Robert and Kay Vincent	Simon Williams	56	2.08	92	128
ANDERSEY 883:170545	Southdown	Rob Beamount		76	1.87	94	125
YARCOMBE 141320 QUADRANT 30N1401320	Hampshire Down	H C Derryman & Sons		328	1.55	98	121
YARCOMBE 151761 DYNAMO 30N1501761	Hampshire Down	H C Derryman & Sons		312	1.53	98	121
THORBECK 14182 HURRICANE 80X14182	Hampshire Down	Jim Birkwood		114	1.47	96	120

Leading rams for Carcase Fat Class EBV – leanest (2016–2019)

Interpretation: carcase fat class EBVs indicate genetic potential to influence fat class. Animals with low negative values have the genetic potential to produce leaner carcases; positive values indicate fatter carcases. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
STAINTON VANTAGE II WPS1400599	Texel	P K Woof	Claybury Texels	59	-2.7	92	67
AVON VALE YALE MQZ1602438	Texel	J M, C E & P Mitchell	Roger Helme	36	-2.25	89	73
STONEDGE WALLYKAZAM YDP1500991	Texel	D M & S Prince		157	-2.2	97	73
DRINKSTONE TRIPLE JOHN Y68:14:06241	Suffolk	R J L Park		41	-1.9	89	77
PENYGELLI PAP1501802	Texel	Alwyn Phillips		67	-1.87	93	77

Leading rams for Carcase Fat Class EBV – fattest (2016–2019)

Interpretation: carcase fat class EBVs indicate genetic potential to influence fat class. Animals with low negative values have the genetic potential to produce leaner carcases; positive values indicate fatter carcases. Standardised value of 100 equates to the average animal in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
COURT 12077 GENERAL 73R12077	Hampshire Down	Mike J Adams	Simon Williams	83	3.33	94	143
COURT 7739 CONTENDER 73R07739	Hampshire Down	Mike J Adams		32	2.8	88	137
ASPLEY 92W1400386	Hampshire Down	George & Sara Wood		140	2.43	95	132
COURT 13090 LEADER 73R13090	Hampshire Down	Mike J Adams		90	2.2	95	129
WHITEHEAD 14365 GLADIATOR 64T1400365	Hampshire Down	Robert and Kay Vincent	Simon Williams	56	2.08	92	128

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Leading rams for Days-to-Slaughter EBV (2019)

Interpretation: days-to-slaughter EBVs indicate genetic potential to influence the number of days to finish. Animals with low negative values will have the genetic potential to achieve target finished specification in a reduced number of days; positive values indicate a longer period of time to achieve the same finish. Standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
NORMANBY 27Z1700622	Hampshire Down	C M Brant & Son		77	-15.33	95	74
THORGANBY HRF:09012	Meatlinc	H R Fell & Sons Ltd		71	-14.84	95	75
PENYGELLI PAP1702463	Texel	Alwyn Phillips		85	-14.84	88	75
FOUNDRY ALEXANDER PXI1702970	Texel	Ann Murphy		92	-14.55	95	75
ELKSTONE HME1602449	Texel	Matt Hobbs		138	-14.37	96	75
HUISH A26:T04019	Poll Dorset	D W Rossiter		159	-10.49	96	82
LAVENDON XERXES Y51:15:02134	Suffolk	A J Cony & Partners		146	-10.04	95	83
HARDY 17WZW00126	Charollais	D & S Laws		59	-9.99	93	83
THORBECK 80X1700402	Hampshire Down	Jim Birkwood		130	-9.9	96	83
LECROPT 53Y1700376	Hampshire Down	Jane & Roy McFarlane		84	-9.7	95	84
MIDHOPE MASTER CLASS L20:14:00659	Suffolk	John Key	JB & RL Cook	46	-9.56	93	84
ERRIGAL PBH:17:01112	Suffolk	Seamus Browne		52	-9.27	90	84
ANDERSEY 883:170607	Southdown	Rob Beamount		68	-9.1	93	85
BRETTLES RICARDO 16WF01887	Charollais	M M & M L Rushbrooke	Andrew Walton	169	-8.98	98	85
KERSEY C41:16:01342	Suffolk	R Partridge & Son Ltd		150	-8.17	94	86

Leading rams for Days-to-Slaughter EBV (2016–2019)

Interpretation: days-to-slaughter EBVs indicate genetic potential to influence the number of days to finish. Animals with low negative values will have the genetic potential to achieve target finished specification in a reduced number of days; positive values indicate a longer period of time to achieve the same finish. Standardised value of 100 equals the average animal born in 2019.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Estimated Breeding Value	Accuracy (%)	Standardised Value
HARDY 16WZW00054	Charollais	D & S Laws		75	-18.77	95	68
NORMANBY 27Z1700622	Hampshire Down	C M Brant & Son		77	-15.33	95	74
THORGANBY HRF:09012	Meatlinc	H R Fell & Sons Ltd		71	-14.84	95	75
PENYGELLI PAP1702463	Texel	Alwyn Phillips		85	-14.84	88	75
FOUNDRY ALEXANDER PXI1702970	Texel	Ann Murphy		92	-14.55	95	75
ELKSTONE HME1602449	Texel	Matt Hobbs		138	-14.37	96	75
HUISH A26:W08318	Poll Dorset	D W Rossiter		55	-12.45	90	79
DRINKSTONE TOP GUN PJP1202836	Texel	R J L Park		99	-11.46	96	80
ASPLEY 92W1400386	Hampshire Down	George & Sara Wood		140	-11.07	96	81
HUISH A26:T04019	Poll Dorset	D W Rossiter		159	-10.49	96	82
SAMPFORDEL HRH:15:00390	Suffolk	K A Hill		83	-10.3	95	82
ALLISON 11681 GA:1511681	Meatlinc	George Allison		89	-10.08	96	83
LAVENDON XERXES Y51:15:02134	Suffolk	A J Cony & Partners		146	-10.04	95	83
HARDY 17WZW00126	Charollais	D & S Laws		59	-9.99	93	83
THORBECK 80X1700402	Hampshire Down	Jim Birkwood		130	-9.9	96	83

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Leading rams for Overall Carcase Merit (2019)

Interpretation: the index for carcase merit provides a ranking of RamCompare sires that takes into account EBVs for carcase weight, carcase conformation and carcase fat class. The index is a guide towards the genetic merit of sires used in a typical commercial flock. Actual financial performance will depend on the system, target market and seasonal price fluctuations.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Breeding Index	Accuracy (%)	Standardised Value
GREY PEEL LEAR JET HMF05019	Texel	Maurice Hardy-Bishop		30	236	64	133
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	219	93	129
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	205	73	126
ARKLE PACIFIC STAR WGA092612	Texel	George Wilkinson	Deri Morgan	38	191	77	123
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	184	88	121
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	173	90	118
AVON VALE YALE MQZ1602438	Texel	J M, C E & P Mitchell	Roger Helme	36	163	82	116
WEALDEN HTW1501312	Texel	T R Healy		95	162	89	116
BURNVIEW OLYMPIC DREAM T86:12:086	Suffolk	S & W Tait	D M & S Prince	25	161	72	116
ELKSTONE HME1602449	Texel	Matt Hobbs		138	160	90	115
RAINBOW STATISTICIAN 17XPU02870	Charollais	Andrew Walton	ChazCompare	91	160	92	115
RAINBOW SERENDIPITY 17XPU02835	Charollais	Andrew Walton	ChazCompare	61	159	89	115
MEON DOWN VOLTAN FTD1401386	Texel	D & T Bradley Farmer		195	159	92	115
ALWENT WEIGHTMAN NTA1501109	Texel	Doug Nesbitt		45	157	84	115
RUTLAND HUMDINGER ZFY:07207	Charollais	Mary Tulloch	Ingram family	58	149	87	113

Leading rams for Overall Carcase Merit (2016–2019)

Interpretation: the index for carcase merit provides a ranking of RamCompare sires that takes into account EBVs for carcase weight, carcase conformation and carcase fat class. The index is a guide towards the genetic merit of sires used in a typical commercial flock. Actual financial performance will depend on the system, target market and seasonal price fluctuations.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Breeding Index	Accuracy (%)	Standardised Value
GREY PEEL LEAR JET HMF05019	Texel	Maurice Hardy-Bishop		30	236	64	133
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	219	93	129
ROXBURGH SHOT GUN WILLIE EJR1101108	Texel	John Elliot	D M & S Prince	142	211	92	127
ANTUR WYTHABERYST AAA1508227	Texel	Antur Texels	John Vaughan	27	205	73	126
PENYGELLI PAP1501802	Texel	Alwyn Phillips		67	192	88	123
ARKLE PACIFIC STAR WGA092612	Texel	George Wilkinson	Deri Morgan	38	191	77	123
HANDBANK PRH1500573	Texel	R M & E A Payne	P L & L F Baber	67	187	88	122
BOGHOUSE ULTRA MUSCLE JKE1304414	Texel	K I Johnstone	Alwyn Phillips	78	187	90	122
GAYNES MAJOR CMG06129	Texel	Gaynes Park Farm Limited	Trinidad Investments UK Limited	181	185	95	121
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	184	88	121
HANDBANK SUPER NOVA PRH1100114	Texel	R M & E A Payne		40	180	83	120
ELKSTONE HME1501742	Texel	Matt Hobbs		57	179	85	120
HANS FOKKER 95 T79:13:095	Suffolk	H F Porksen		57	173	83	118
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	173	90	118
DALBY MALACHITE 12PE01501	Charollais	C R Sercombe	Edstaston, Knockin, Rainbow & Fortress flocks	144	168	93	117

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Leading rams for Primal Yield and Shear Force

Since 2016, we have collected primal yield and shear force measurements. These tables show the leading sires, based on four years of data.

Top Sires for Front Weight

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
BUBBLEGUM BUB:1706087	Blue Texel	Charles Sercombe		64	168	72
RUGLEY JER1505263	Texel	E A & L Jackson		100	141	84
RUGLEY JER1505286	Texel	E A & L Jackson		166	137	86
MISERDEN YOUNG REBEL AAS/15/01680	Blue Texel	A & S Andrews		40	132	75
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	131	89
DOOLEY SPARKY DOO:S005	Beltex	David Thornley	D M & S Prince	83	131	82
MISERDEN AAS1401255	Texel	A & S Andrews		261	128	82
MIDHOPE L20:15:00822	Suffolk	John Key		95	128	74
ALWENT WEIGHTMAN NTA1501109	Texel	Doug Nesbitt		45	128	77
CANNAHARS PANACHE 15KF00715	Charollais	H E G Davies	R S & J A Gregory	60	127	78

Top Sires for Middle Weight

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
ANDERSEY 883:170545	Southdown	Rob Beamount		76	164	69
COURT 13090 LEADER 73R13090	Hampshire Down	Mike J Adams		90	158	60
DRINKSTONE HEAVY WEIGHT Y68:L8	Suffolk	R J L Park	Irene Fowlie	83	152	78
COURT 12077 GENERAL 73R12077	Hampshire Down	Mike J Adams	Simon Williams	83	144	71
KELSEY 18U1600422	Hampshire Down	D Smith & J Atkinson		231	142	79
GRAYLEN 24Y1502085	Hampshire Down	Graham & J Galbraith		145	138	69
KELSEY 13249 LYSANDER 18U13249	Hampshire Down	D Smith & J Atkinson		97	138	65
SIDWELL CAPTAIN C471700012	Hampshire Down	Stuart Friswell		78	136	68
ESSIE H6:16:01143	Suffolk	Irene Fowlie		98	136	75
RC DUBLIN CPT IE041594601174F	Suffolk		AFBI / Sheep Ireland	25	136	37

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

Top Sires for Haunch Weight

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
EASYRAM UK 0 304652 06765	Suffolk	Robyn Hulme		62	153	76
BENNIWORTH 03Y1700365	Hampshire Down	Simon Williams		71	153	78
RUGLEY JER1505286	Texel	E A & L Jackson		166	140	87
CASTLE KELLY AJAX ILI1700914	Texel	James Kelly		119	139	88
GRANITE UNTOUCHABLE IGM1307611	Texel	Ingram family		68	133	85
STONEDGE WALLYKAZAM YDP1500991	Texel	D M & S Prince		157	132	79
TURBO BLUE 08441:24891	Blue Texel	J & J J M Rodenburg		139	131	90
STAINTON VANTAGE II WPS1400599	Texel	P K Woof	Claybury Texels	59	131	86
RUGLEY JER1505263	Texel	E A & L Jackson		100	129	84
ALWENT WEIGHTMAN NTA1501109	Texel	Doug Nesbitt		45	129	78

Top Sires for Shear Force

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Standardised Value	Accuracy (%)
CROGHAM LAMBERT 11AB00035	Charollais	Crogham Charollais Sheep	Ingram family	34	189	85
CANNAHARS PANACHE 15KF00715	Charollais	H E G Davies	R S & J A Gregory	60	148	87
ALLISON 9618 GA:149618	Meatlinc	George Allison		101	146	93
ELKSTONE HME1501742	Texel	Matt Hobbs		57	146	85
BRETTLES RICARDO 16WF01887	Charollais	M M & M L Rushbrooke	Andrew Walton	169	144	94
LOWERYE 13ZVY00706	Charollais	N Oughton		126	139	71
PENYGELLI PAP1501802	Texel	Alwyn Phillips		67	138	92
SAMPFORDEL HRH:17:00582	Suffolk	K A Hill		86	136	85
VINES 3051 EV:1503051	Meatlinc	E R & J E Vines		91	136	94
GRAYLEN 24Y1502085	Hampshire Down	Graham & Judith Galbraith		145	136	84

Notes: Data analysis date: 27 Feb 2020. Analysis type: RamCompare Evaluation

The RamCompare partnership brings together organisations throughout the supply chain to help advance genetic evaluation in the UK sheep industry. All partners have played an important role in the implementation of this project.

FARMERS

Duncan Nelless
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Northumberland

Ian Robertson
Chawton Park Farm
Hampshire

Philip & Charlie Whitehouse
Bradley Farm
Gloucestershire

Mark & Lynne Exelby
The Hutts Farm
Yorkshire

Sion Williams
Bowhill Farming Limited,
Selkirk

Russel & Rhys Edwards
Hendre Ifan Goch Farm
Bridgend

Adrian & Lyn Coombe
Dupath Farm
Cornwall

Richard Parry
Mint & Mustard Produce Ltd
Suffolk

Aurélie Aubry
Agri-food and Biosciences
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COLLABORATORS

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Allflex THE PRO COLLECTION · Shearwell Data Animal Identification & Management Systems · Elanco · FARMPLAN BUSINESS · Farmit 3000

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