



## YEAR 6 RESULTS



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# Introduction

As the next phase of RamCompare begins we can look back with pride on our achievements to date and look forward with anticipation to our future objectives. In this year's lambing season (2022), four new farms join some of our existing commercial farm partners for the planned project expansion, to increase the reach and impact of the initial pilot study.

The four new farms include:

- Stephen Abberley, Cwmlliw Farm, Powys
- Alwyn Nutting, Glascoed Farm, Powys
- Charles Sercombe, Sandlands Farm, Leicestershire
- Owen Gray, Saughland Farm, Midlothian

They join the joint levy-funded collaboration that has made RamCompare one of the sheep industry's most successful research and knowledge exchange projects for the United Kingdom.

As our work on the genetic influences on primal yield and shear force comes to a close, we would like to give a special mention to the staff at Dunbia and Randall Parker Foods without whom this part of the project would not have been possible.

## A year of consolidation

2021 was an unusual year for the project, as several of our activities were put on hold while future funding arrangements were agreed.

We are indebted to the project farms, who recognised the value of this work and stepped forward to continue data collection at their own expense to prevent the project from losing momentum. We are also grateful for the offers of rams and semen that we had from several pedigree

breeders; the support we received was overwhelming and enabled us to continue to push forward.

In 2021 a team of 60 rams sired another 5,281 lambs and it is this performance data that we present in this short report.

## Making more use of the data

RamCompare started as a pilot project in 2015 to see if we could produce breeding values for abattoir traits. Over the next year we will be working with Scotland's Rural College (SRUC) to see if these breeding values can be produced as part of the National Terminal Sire Evaluation.

This is a major, potentially game-changing, piece of research that will transform the way we use these breeding values and present them to industry. It is one of the reasons why the ever-expanding table of trait-leading sires (which included all rams from all years) is excluded from this report. From this point, we focus on new approaches to promote the leading bloodlines.

## Financial impact

Our messages about financial impact are as important as ever. Differences in progeny values (worth £4–6/lamb) provide farmers with the opportunity, through careful ram selection, to enhance flock profitability by £1200–1500/ram over their working lifetime.

RamCompare is one of the UK's most important sheep breeding projects and we thank all those who contribute towards its success.



Samuel Boon and Bridget Lloyd, AHDB



# What is RamCompare?

RamCompare is the UK's commercial progeny test for terminal sire rams. Over six breeding seasons, we have recorded over 30,000 lambs sired by 313 rams through artificial insemination (AI) and natural mating.

Data on growth and carcass 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) to identify rams with superior genetics.

## 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



## What have we learned?

RamCompare has tested whether the breeding values published by Signet are good indicators 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 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.

### Carcass weight

Selecting rams with high Scan Weight EBVs can increase carcass weights, however, to enhance this trait producers are also advised to select rams with superior breeding potential for muscling traits.

### Carcass conformation

Although the Muscle Depth EBV only predicts muscling at a single point in the carcass (the loin), it does tend to identify rams whose progeny have superior carcass 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 carcass shape and muscle yield.

### Carcass fat class

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



# Next steps for RamCompare



## How is RamCompare data analysed?

EBVs are currently 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

## The move toward whole breed analysis

RamCompare is funding research at SRUC to see if these two evaluations can be combined into a single analysis, with abattoir derived EBVs delivered through the National Terminal Sire Evaluation.

This is an exciting next step for the project, making EBVs more accessible to breeders and ram buyers and enabling us to use other sources of carcase data within our evaluations.

## Case Study: Getting a step ahead with ChazCompare

From the start of RamCompare, Charollais breeders Andrew Walton and Jamie Wild could see the value of breeding values derived from abattoir data and wanted to test more rams. As well as providing rams to RamCompare, they set up their own trial 'ChazCompare' supported by AHDB.

This trial using Charollais rams on Mule ewes has been a fantastic success, with over 1500 lambs assessed and their data incorporated into the breeding values produced for the Rainbow and Redhill Charollais flocks.

2021 represents a well-deserved success for this hard-working duo, producing the year's top-performing sire, Brettles Utopia (19WF02907), as well as the highly-rated Hundalee Volcano (20XMP04415) and Rainbow Vetteriano (20XPU04026).



	2019	2020	2021
Rams tested	8	8	9
Lambs tested	531	498	526
Average days-to-slaughter	105	103	101
Average carcase weight (kg)	20.3	20.1	19.2

## Key success for ChazCompare

- Use of CT scanning to aid sire selection
- High progeny numbers (av. 53 progeny records/sire)
- All progeny treated the same and slaughtered over a short period
- A mating plan that created a strong linkage between years and flocks
- Careful data collection to ensure that sire identities were correct

If you wish to follow the ChazCompare example, please get in touch to discuss how RamCompare can help fast track your breeding programme.

Email [bridget.lloyd@ahdb.org.uk](mailto:bridget.lloyd@ahdb.org.uk) for more information.



**Hundalee Volcano, Charollais sire used in 2020 for ChazCompare commercial lambs**

# Pioneering work on shear force

The meat tenderness of lamb has a major influence on consumer acceptability. We know tenderness is influenced by a number of non-genetic influences, such as the age of the animal and its treatment both pre- and post-slaughter, but it is also known that an animal's genetics can influence this trait.

Within RamCompare, we obtained 4,343 samples from 254 of the project's sires. AHDB staff obtained loin samples from the carcasses of RamCompare lambs and measured the shear force from cuts that had been defrosted and cooked in a standardised manner. Shear force values were taken by repeatedly measuring the pressure required to pass a steel blade through a cut of cooked meat.

Initial research by Abbygail Wells at SRUC has shown that genetic influences on shear force explained about 16% of the variation observed between animals. Higher value Shear Force EBVs, produced by the research, indicated tougher meat. Lower Shear Force EBVs are therefore more desirable.

Whilst the vast majority of lambs on the trial were extremely tender, significant differences were found between sires. The approach clearly shows that genetically superior sires can have a marked effect on traits that directly influence consumer acceptability.

## Summary

RamCompare has shown that an animal's genes do influence tenderness and that measurements of tenderness can be used to produce breeding values.

Clearly it is challenging to routinely collect these expensive measurements within our national breeding programmes. However, this work provides a foundation of knowledge that will be useful when developing genomic approaches and in assessing the value of proxy traits that may influence the eating quality of the meat, such as the prediction of intramuscular fat that we obtain from the CT scanner.



Shear force testing to assess tenderness of cooked meat samples



Shear force analysis in action



CT scan images - cross section of a ram



# Trait Leaders for Shear Force (2016–2020)

**Interpretation note:** These tables show the leading sires, based on five years' data.

Ram ID	Breed	Breeder/Owner (if different)	Sire	Shear force records / Progeny records	Shear Force EBV	Shear Force Accuracy Value (%)
11AB00035 CROGHAM LAMBERT	CHAROLLAIS	Crogham Charollais / W & C Ingram	AB:05085	13 / 34	-0.81	85
GA:149618 ALLISON 9618	MEATLINC	George Allison	HRF:03616	31 / 101	-0.49	93
17PE05860 DALBY	CHAROLLAIS	Charles Sercombe	16PE04907	12 / 166	-0.45	85
15KF00715 CANNAHARS PANACHE	CHAROLLAIS	Lyla, Ailsa & Ryan Davies	11XZR00026	16 / 60	-0.44	87
HME1501742 ELKSTONE	TEXEL	Matt Hobbs	GJG1301036	14 / 57	-0.42	85
EV:1503051 VINES 3051	MEATLINC	E R & J E Vines	CR:1305985	38 / 91	-0.38	94
13ZVY00706 LOWEREYE	CHAROLLAIS	N Oughton	11ZVY00861	5 / 126	-0.37	71
16WF01887 BRETTLES RICARDO	CHAROLLAIS	M & M Rushbrooke / Andrew Walton	15WF01487	50 / 248	-0.35	95
HRH:17:00582 SAMPFORDEL	SUFFOLK	Kathleen A Hill	HRH:14:00334	22 / 163	-0.35	91
24Y1502085 GRAYLEN	HAMPSHIRE DOWN	Graham & Judith Galbraith	24Y10008	12 / 145	-0.34	84
PAP1501802 PENYGELLI	TEXEL	Alwyn Phillips	JKE1304414	27 / 67	-0.33	92
GA:1612571 ALLISON	MEATLINC	George Allison	FC:02037	27 / 83	-0.32	91
57U1700953 MAES-GLAS COMPARIO	HAMPSHIRE DOWN	EB & SA Jones	57U13366	12 / 86	-0.30	84
359:W0374 POORTON	DORSET	Fooks Brothers / J H Kemball & Son	S31:T0132	16 / 156	-0.29	82
92W1801650 ASPLEY	HAMPSHIRE DOWN	George & Sara Wood	30N1702566	12 / 105	-0.28	83
16XUK01665 HAMMERTON	CHAROLLAIS	Derek Pickles	14WHH00895	21 / 74	-0.28	90
30N1401320 YARCOMBE 141320 QUADRANT	HAMPSHIRE DOWN	H C Derryman & Sons	73R12079	13 / 328	-0.28	84
15YPP01267 TILTON	CHAROLLAIS	A D & R M Thomas	12WDK01032	15 / 87	-0.28	87
EV:1402455 VINES	MEATLINC	E R & J E Vines	EV:1302301	11 / 55	-0.27	79
03Y1600346 BENNIWORTH	HAMPSHIRE DOWN	Simon Williams	18U106447	18 / 159	-0.27	86

Notes: BLUP run date 01/03/2022. Analysis type: RamCompare Evaluation.

For more information see [signetdata.com](https://www.signetdata.com)

# Genetics in action – News from the RamCompare farms

While our RamCompare farms are all commercially run, they each have different finishing systems, work with different types of ewes and test different teams of rams. Yet, across the farms we consistently observe differences in progeny performance that we can directly attribute to the genetic merit of the rams they are using. These are the highlights from the 2021 results from four of our flocks.

## Duncan Nelles Thistleyhaugh Farm, Morpeth

Carcase data was obtained from nearly 800 lambs on this fast finishing, organic unit in Northumberland. While the rams with the highest index only earned an extra £1.95 per lamb, as lambs were drawn at a consistent weight and finish, it was a reduction in days-to-slaughter that became the standout feature on this farm.

The average number of days taken to reach slaughter on this farm was an impressive 108 days in 2021, using clover rich leys on arable land to finish lambs post-weaning. Yet the progeny from the best three sires for speed of finishing averaged just 103 days, over a fortnight earlier than lower performing sires on test.

This season's data shows more clearly than ever the relationship between a ram's Scan Weight EBV and Days-to-Slaughter EBV, with many of the leading rams for one trait also ranked amongst the trait leaders for the other.

### Comparing high and low performing sires for each trait

- Lambs finished 15.6 days faster
- Carcase weights 0.35 kg heavier
- Lambs worth an extra £1.95



**Charollais Sire Redhill 19WGH02085 - fastest average Days-to-Slaughter EBV at Thistleyhaugh Farm**

## Mark Exelby Hutts Farm, Yorkshire

Differences in days-to-slaughter were less noticeable on the project's other organic farm near Ripon. With 92% of lambs grading as R for conformation out of Mule ewes there wasn't a massive variation in carcase classifications. However, those lambs sired by the highest genetic-merit sires for carcase weight produced carcasses 0.6 kg heavier than the lower performing rams, with a difference between the highest and lowest indexing rams worth £3.17/head.



The highest carcase weights and highest value carcasses were both attributed to the top index Meatline ram from George Fell, Thorganby. Beltex and Texel rams from Matthew Prince produced some of the next most valuable carcasses, with both rams highly rated for their overall carcase merit.

### Comparing high and low performing sires for each trait

- Carcase weights 0.59 kg heavier
- 4% more carcasses in specification
- Lambs worth an extra £3.17



**Meatline sire HRF12754 - highest average carcase weights and carcase value for his progeny at Hutts Farm**



## Ian Robertson Chawton Park Farm, Hampshire

There were major variations in the performance of sires at Chawton Park this year, with the best Hampshire Down and Suffolk rams producing progeny that finished over three weeks ahead of the lower performing rams that were used in this May lambing Lleyon flock.

The top-rated ram was a Suffolk from Martyn and Helen Bateman's Moat flock, achieving the top carcass weight EBV in the flock. When combined with another ram from the same flock and a third Suffolk from James Barkers Lavendon flock, they generated 0.85 kg heavier carcass weights compared to lower-performing rams.



For carcass conformation, a Texel from Peter Baber and a Southdown from Rob Beaumont produced progeny that achieved 95% R grade conformation or better. Both rams are highly rated within their own breed for muscling.

The combined impact of this performance has achieved an extra £5.17/lamb.

### Comparing high and low performing sires for each trait

- Lambs finished 24 days sooner
- Carcass weights 0.85 kg heavier
- Lambs worth an extra £5.17



**Suffolk ram Moat Jackson - highest Carcass Weight EBV for Chawton Park Farm**

## Adrian and Lyn Coombe Dupath Farm, Cornwall

Large differences in days-to-slaughter were observed in Adrian and Lyn Coombe's March lambing flock, with a Meatline sire from Clive and Jenny Richardson producing the fastest finishing lambs. Two more Meatline rams from the same farm stood top for carcass weight, generating a 0.74 kg difference in carcass weights between the progeny of these leading genetic lines and lower-rated rams.

Clive and Jenny achieved a hat trick, claiming the top spot for carcass conformation with one of their rams, a CT-scanned ram with exceptional breeding for muscle yield and gigot shape. Over 90% of this ram's progeny achieved R grades or better, compared to just 64% of the lambs by the lower performing rams in the group.

The net impact was a difference of £4.30/lamb between progeny groups by the highest and lowest indexing rams on the farm.

### Comparing high and low performing sires for each trait

- Lambs finished 30 days sooner
- Carcass weights 0.74 kg heavier
- Lambs worth an extra £4.30



**Meatline ram CR14561 claims top spot for Carcass Weight EBV with fast finishing progeny at Dupath Farm**

# Scan Weight EBV results (2021)

Interpretation: Standardised value based on non-adjusted breeding values.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Scan Weight EBV (standardised)	Scan Weight Accuracy Value (%)
27Z1901049 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		86	195	96
HRF:12837 THORGANBY	MEATLINC	H R Fell & Sons Ltd		62	155	95
80X1700402 THORBECK	HAMPSHIRE DOWN	Jim Birkwood		257	152	98
BTG1903052 LLANFERRES	TEXEL	Gail Brownsett		91	148	96
883:190761 ANDERSEY	SOUTHDOWN	Andersey Farm Ltd		99	145	96
27Z1700622 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		287	144	98
CR:1713013 RICHARDSON	MEATLINC	C & J P Richardson		92	140	97
UK 0 384606 14561 RICHARDSON	MEATLINC	C & J P Richardson		96	139	97
30N1501761 YARCOMBE	HAMPSHIRE DOWN	H C Derryman & Sons		533	136	99
20XMP04415 HUNDALEE VOLCANO	CHAROLLAIS	Robert Whittaker	Redhill Charollais	56	132	98
H6:18:01525 ESSIE	SUFFOLK	Irene Fowlie		222	129	98
HRF:09018 THORGANBY	MEATLINC	H R Fell & Sons Ltd		197	127	98
EV:1804134 VINES	MEATLINC	E R & J E Vines		138	127	97
MWB1802626 BARNAGE	TEXEL	W K & C A Martyn		118	127	96
HRF:11337 THORGANBY	MEATLINC	H R Fell & Sons Ltd		333	125	99
27Z1801018 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		250	120	98

Notes: BLUP run date 24/02/2022 Analysis type: National Terminal Sire Evaluation

For more information see [signetdata.com](https://signetdata.com)



## Days-to-Slaughter EBV results (2021)

**Interpretation:** Days-to-slaughter EBVs indicate the 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.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Days to Slaughter EBV	Days-to-slaughter Accuracy Value (%)
80X1700402 THORBECK	HAMPSHIRE DOWN	Jim Birkwood		257	-19.42	98
27Z1700622 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		287	-13.18	98
27Z1901049 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		86	-13.10	93
SHF:19:00242 MOAT	SUFFOLK	Martyn & Helen Bateman		127	-9.95	97
CR:1713013 RICHARDSON 13013	MEATLINC	C & J P Richardson		92	-9.35	96
BTG1903052 LLANFERRES	TEXEL	Gail Brownsett		91	-7.94	92
19WGH02085 REDHILL	CHAROLLAIS	Redhill Charollais		122	-7.37	97
SHF:18:00183 MOAT JACKSON	SUFFOLK	Martyn & Helen Bateman		242	-7.29	98
UK 0 384606 14561 RICHARDSON 14561	MEATLINC	C & J P Richardson		96	-7.23	96
92W1801650 ASPLEY	HAMPSHIRE DOWN	George & Sara Wood		105	-6.70	96
17WZW00135 HARDY	CHAROLLAIS	D & S Laws		169	-6.68	98
27Z1801018 NORMANBY QUENTIN	HAMPSHIRE DOWN	C M Brant & Son		250	-6.55	98
883:190733 ANDERSEY	SOUTHDOWN	Andersey Farm Ltd		96	-6.02	96
MWB1802626 BARNAGE	TEXEL	W K & C A Martyn		118	-5.36	94
30N1501761 YARCOMBE 151761 DYNAMO	HAMPSHIRE DOWN	H C Derryman & Sons		533	-5.13	99

Notes: BLUP run date 01/03/2022. Analysis type: RamCompare Evaluation

For more information see [signetdata.com](http://signetdata.com)

## Carcase Weight EBV results (2021)

**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.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Carcase Weight EBV	Carcase Weight Accuracy Value (%)
UK 0 384606 14561 RICHARDSON 14561	MEATLINC	C & J P Richardson		96	1.12	91
19WF02907 BRETTLES UTOPIA	CHAROLLAIS	M M & M L Rushbrooke	Redhill Charollais	47	1.11	82
HRF:12754 THORGANBY	MEATLINC	H R Fell & Sons Ltd		90	1.04	89
DPH:E01812 STONEDGE EWOK ET	BELTEX	D & M & S Prince		76	0.85	89
27Z1901049 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		86	0.83	84
UK 0 384606 14462 RICHARDSON 14462	MEATLINC	C & J P Richardson		153	0.80	93
SHF:18:00183 MOAT JACKSON	SUFFOLK	Martyn & Helen Bateman		242	0.74	96
16PE04907 DALBY RANIERI	CHAROLLAIS	Charles Sercombe		450	0.64	98
YDP1801698 STONEDGE	TEXEL	D & M & S Prince		135	0.62	93
20XPU04026 RAINBOW VETTERIANO	CHAROLLAIS	Andrew Walton		56	0.57	86
20XMP04415 HUNDALEE VOLCANO	CHAROLLAIS	Robert Whittaker	Redhill Charollais	56	0.47	83
19WGH02317 REDHILL	CHAROLLAIS	Redhill Charollais		53	0.34	85
HRF:09018 THORGANBY	MEATLINC	H R Fell & Sons Ltd		197	0.31	94
HRF:09404 THORGANBY	MEATLINC	H R Fell & Sons Ltd		164	0.30	94
18WZW00251 HARDY	CHAROLLAIS	D & S Laws		99	0.29	90



# Carcase Conformation EBV results (2021)

**Interpretation:** Carcase conformation EBVs indicate the genetic potential for conformation and units of measurement are based on a 15-point scale. Animals with a high positive value have the genetic potential to produce superior conformation.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Carcase Conformation EBV	Carcase Conformation Accuracy Values (%)
AAS/16/02048 MISERDEN	BLUE TEXEL	A & S Andrews		192	2.49	98
20XMP04415 HUNDALEE VOLCANO	CHAROLLAIS	Robert Whittaker	Redhill Charollais	56	1.12	94
UK 0 384606 14462 RICHARDSON 14462	MEATLINC	C & J P Richardson		153	1.02	97
19WGH02085 REDHILL	CHAROLLAIS	Redhill Charollais		122	0.97	97
19ZVY05640 LOWERYE	CHAROLLAIS	N Oughton		90	0.95	93
883:190733 ANDERSEY	SOUTHDOWN	Andersey Farm Ltd		96	0.87	96
18WGH01765 REDHILL TITAN	CHAROLLAIS	Redhill Charollais		128	0.79	97
BTG1903052 LLANFERRES	TEXEL	Gail Brownsett		91	0.60	92
17WZW00135 HARDY	CHAROLLAIS	D & S Laws		169	0.60	98
19WGH02192 REDHILL	CHAROLLAIS	Redhill Charollais		66	0.60	94
16PE04907 DALBY RANIERI	CHAROLLAIS	Charles Sercombe		450	0.58	99
YDP1801698 STONEDGE	TEXEL	D & M & S Prince		135	0.56	98
UK 0 369455 08127 WEIR PARK	TEXEL	P L & L F Baber		186	0.49	98
883:170607 ANDERSEY	SOUTHDOWN	Andersey Farm Ltd		120	0.46	97
18WZW00251 HARDY	CHAROLLAIS	D & S Laws		99	0.44	96

Notes: BLUP run date 01/03/2022. Analysis type: RamCompare Evaluation

For more information see [signetdata.com](http://signetdata.com)

## Carcase Fat Class EBV results (2021)

**Interpretation:** Carcase fat class EBVs indicate the genetic potential to influence fat class. Animals with low negative values have the genetic potential to produce leaner carcasses; positive values indicate fatter carcasses.

Ram ID	Breed	Breeder	Owner (if different)	Number of progeny	Carcase Fat Class EBV	Carcase Fat Class Accuracy Value (%)
AAS/16/02048 MISERDEN	BLUE TEXEL	A & S Andrews		192	-1.00	97
HRF:11337 THORGANBY	MEATLING	H R Fell & Sons Ltd		333	-0.84	98
PAP1903268 PENYGELLI CANOLWR	TEXEL	Alwyn Phillips		40	-0.76	81
H6:18:01525 ESSIE	SUFFOLK	Irene Fowlie		222	-0.69	98
80X1700402 THORBECK	HAMPSHIRE DOWN	Jim Birkwood		257	-0.56	98
UK 0 384606 14462 RICHARDSON 14462	MEATLING	C & J P Richardson		153	-0.49	97
MWB1802626 BARNAGE	TEXEL	W K & C A Martyn		118	-0.45	93
19WGH02192 REDHILL	CHAROLLAIS	Redhill Charollais		66	-0.44	93
UK 0 369455 08228 WEIR PARK	TEXEL	P L & L F Baber		164	-0.41	97
19WGH02316 REDHILL	CHAROLLAIS	Redhill Charollais		68	-0.38	90
HRF:09018 THORGANBY	MEATLING	H R Fell & Sons Ltd		197	-0.37	97
20WGH02507 REDHILL VITALI	CHAROLLAIS	Redhill Charollais		62	-0.37	93
18WGH01765 REDHILL TITAN	CHAROLLAIS	Redhill Charollais		128	-0.35	96
883:190761 ANDERSEY	SOUTHDOWN	Andersey Farm Ltd		99	-0.32	95
CR:1713013 RICHARDSON 13013	MEATLING	C & J P Richardson		92	-0.31	95

Notes: BLUP run date 01/03/2022. Analysis type: RamCompare Evaluation

For more information see [signetdata.com](https://signetdata.com)



# Overall Carcase Merit Index results (2021)

**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 serves as 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	Overall Carcase Merit Index	Overall Carcase Merit Index Accuracy Value (%)
19WF02907 BRETTLES UTOPIA	CHAROLLAIS	M M & M L Rushbrooke	Redhill Charollais	47	171	84
UK 0 384606 14462 RICHARDSON 14462	MEATLINC	C & J P Richardson		153	168	94
UK 0 384606 14561 RICHARDSON 14561	MEATLINC	C & J P Richardson		96	163	92
HRF:12754 THORGANBY	MEATLINC	H R Fell & Sons Ltd		90	161	91
16PE04907 DALBY RANIERI	CHAROLLAIS	Charles Sercombe		450	148	98
DPH:E01812 STONEDGE EWOK ET	BELTEX	D & M & S Prince		76	148	90
YDP1801698 STONEDGE	TEXEL	D & M & S Prince		135	147	94
20XMP04415 HUNDALEE VOLCANO	CHAROLLAIS	Robert Whittaker	Redhill Charollais	56	145	85
20XPU04026 RAINBOW VETTERIANO	CHAROLLAIS	Andrew Walton		56	138	87
27Z1901049 NORMANBY	HAMPSHIRE DOWN	C M Brant & Son		86	136	86
SHF:18:00183 MOAT JACKSON	SUFFOLK	Martyn & Helen Bateman		242	135	96
AAS/16/02048 MISERDEN	BLUE TEXEL	A & S Andrews		192	130	95
18WZW00251 HARDY	CHAROLLAIS	D & S Laws		99	124	91
BTG1903052 LLANFERRES	TEXEL	Gail Brownsett		91	124	83
19PE07835 DALBY U BOSS	CHAROLLAIS	Charles Sercombe		64	123	87

RamCompare is a partnership that brings together many organisations throughout the supply chain to help take genetic evaluation forward in the UK sheep industry. All partners have had an important role in getting RamCompare to this point.

#### FARMERS

**Duncan Nelless**  
Thistleyhaugh  
Northumberland

**Ian Robertson**  
Chawton Park Farm  
Hampshire

**Mark and Lynne Exelby**  
The Hutts Farm  
Yorkshire

**Russel and Rhys Edwards**  
Hendre Ifan Goch Farm  
Bridgend

**Adrian and Lyn Coombe**  
Dupath Farm  
Cornwall

**Jamie Wild and Andrew Walton**  
ChazCompare  
Leicestershire

**Stephen Abberley**  
Cwmlliw Farm  
Powys

**Alwyn Nutting**  
Glascoed Farm  
Powys

**Charles Sercombe**  
Sandlands Farm  
Leicestershire

**Owen Gray**  
Saughland Farm  
Midlothian

#### FUNDERS



#### SUPPORTERS



## YEAR 6 RESULTS



## May 2022

AHDB is a statutory levy board funded by farmers and others in the supply chain. Our purpose is to be a critical enabler, to positively influence outcomes, allowing farmers and others in the supply chain to be competitive, successful and share good practice. We equip levy payers with easy-to-use products, tools and services to help them make informed decisions and improve business performance. Established in 2008 and classified as a Non-Departmental Public Body, AHDB supports the following industries: meat and livestock (Beef, Lamb and Pork) in England; Dairy in Great Britain; and Cereals and Oilseeds in the UK. For further information visit [ahdb.org.uk](http://ahdb.org.uk)

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