

## Buying a recorded Beltex



### Why invest in Signet-recorded rams?

Investing in rams with superior genetics can be worth an extra £800 over their lifetime.

With potential gains of £4 per lamb, commercial producers should source Signet-recorded rams with high estimated breeding values (EBVs) for traits of importance to their flock.

### Interpreting EBVs when buying a ram

EBVs are presented on sale cards, breeding charts and published in ram sale catalogues; as well as being displayed online at [www.signetdata.com](http://www.signetdata.com)

Accuracy values indicate how much is known about an animal for a specific trait and the degree to which EBVs might change over time.

Table 1. Beltex breed benchmark for 2022

Estimated breeding value	Average	Top 25%	Top 10%
8-week weight	0.87	1.39	1.86
Litter size	0.01	0.04	0.06
Maternal ability	-0.03	0.17	0.34
Scan weight	2.17	3.55	4.80
Muscle depth	0.27	0.80	1.27
Fat depth	0.00	0.22	0.41
Lean weight	0.13	0.33	0.50
Fat weight	-0.06	0.14	0.32
Gigot	0.16	0.56	0.92
Terminal sire index	155	188	217
Maternal index	135	160	183



## Breeding charts

Breeding charts are more informative, showing where a ram's genetic potential sits within the breed for a range of traits.

The centre line indicates the average for that breed. Bars to the right of the centre indicate above-average breeding values, meaning progeny are likely to have faster growth rates, more muscling and be fatter. Bars to the left indicate a below-average value for those traits and leaner progeny.

## National Terminal Sire Evaluation

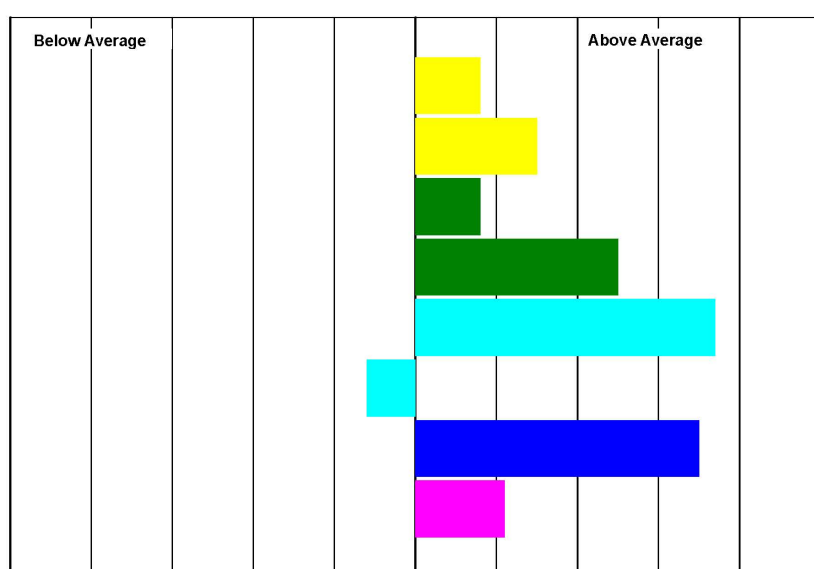
**Lot: EXAMPLE STONELEIGH BOB AB:210001**

Sire: XY:190032

Dam: AB:190034

Ultrasound Scanned: Yes

Date of Birth 01/01/2021



BLUP RUN DATE: 24/07/2021

Produced by Signet Breeding Services

Stoneleigh Park, Kenilworth, Warwickshire, CV8 2TL Tel: 0247 647 8829



	EBV	Accuracy
Litter Size	0.02	46
Mat' Ability	0.08	58
8 Week Wt	0.95	46
Scan Wt	3.55	72
Muscle Depth* * Weight Adjusted	1.20	70
Fat Depth* * Weight Adjusted	-0.08	68
T. Sire Index	210	69
Maternal Index	142	59

Produced for you by:

AHDB  
Signet Breeding Services  
Stoneleigh Park  
Kenilworth  
Warwickshire  
CV8 2TL

T 024 7647 8829  
E [signet@ahdb.org.uk](mailto:signet@ahdb.org.uk)  
W [signetdata.com](http://signetdata.com)

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