

Buying a recorded Charollais



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

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. Charollais breed benchmark for 2022

Estimated breeding value	Average	Top 25%	Top 10%
8-week weight	1.23	2.00	2.69
Litter size	0.00	0.03	0.06
Maternal ability	0.46	0.88	1.25
Scan weight	3.26	5.20	6.94
Muscle depth	1.03	1.65	2.21
Fat depth	-0.02	0.24	0.47
Lean weight	0.22	0.47	0.69
Fat weight	-0.11	0.11	0.31
Gigot	0.32	1.36	2.29
Terminal sire index	194	248	296
Maternal index	170	212	250



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

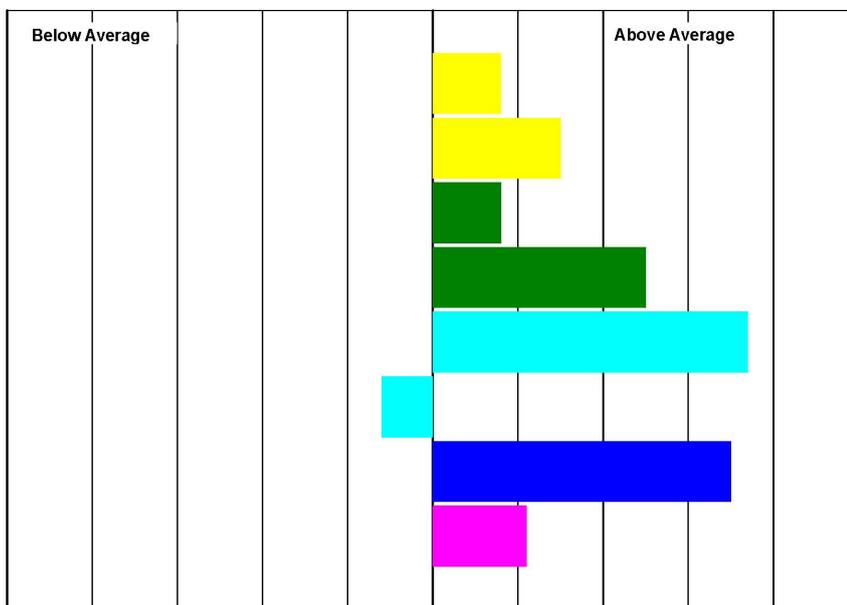
Lot: **EXAMPLE STONELEIGH BOB AB:210001**

Sire: XY:190032

Dam: AB:190034

Ultrasound Scanned: Yes

Date of Birth 01/01/2021



	EBV	Accuracy
Litter Size	0.01	46
Mat' Ability	0.60	58
8 Week Wt	1.35	46
Scan Wt	5.20	72
Muscle Depth*	2.15	70
<small>* Weight Adjusted</small>		
Fat Depth*	-0.06	68
<small>* Weight Adjusted</small>		
T. Sire Index	287	69
Maternal Index	183	59

BLUP RUN DATE: 24/07/2021

Produced by Signet Breeding Services

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