

## Charollais Breed Benchmark 2024 – National Terminal Sire Evaluation

Estimated Breeding Value	Attribute	Bottom 5%	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%	Top 5%
Birth Weight	Birth Weight	0.42	0.37	0.28	<b>0.19</b>	0.10	0.01	-0.04
Lambing Ease	Lamb's Ease of Birth	-1.10	-0.91	-0.60	<b>-0.26</b>	0.08	0.39	0.58
Lambing Ease Maternal	Ewe's Ease of Lambing	-0.23	-0.18	-0.10	<b>0.00</b>	0.09	0.18	0.23
Lamb Survival	Survival to Sale	-0.05	-0.03	0.00	<b>0.03</b>	0.06	0.09	0.11
Eight Week Weight	Early Growth	-0.09	0.25	0.83	<b>1.46</b>	2.09	2.67	3.01
Shearling Weight	Ewe Efficiency	-0.36	0.39	1.64	<b>3.03</b>	4.42	5.67	6.42
Litter Size	Prolificacy	-0.06	-0.04	-0.01	<b>0.02</b>	0.05	0.08	0.10
Litter Size Reared	Prolificacy/Care	-0.05	-0.04	-0.02	<b>0.00</b>	0.02	0.04	0.05
Maternal Ability	Milk/Care	-0.44	-0.35	-0.18	<b>0.00</b>	0.18	0.35	0.44
Scan Weight	Growth	-0.21	0.67	2.15	<b>3.79</b>	5.43	6.91	7.79
Muscle Depth	Muscling	-0.80	-0.47	0.07	<b>0.68</b>	1.29	1.83	2.16
Fat Depth	Finish	-0.61	-0.49	-0.30	<b>-0.08</b>	0.14	0.33	0.45
CT Lean Weight	Muscling	-0.24	-0.13	0.04	<b>0.24</b>	0.44	0.61	0.72
CT Fat Weight	Finish	-0.62	-0.52	-0.35	<b>-0.16</b>	0.03	0.20	0.30
CT muscularity	Carcase Shape	-0.99	-0.64	-0.04	<b>0.62</b>	1.28	1.88	2.23
CT Eye Muscle Area	Muscling	-0.81	-0.50	0.00	<b>0.56</b>	1.12	1.62	1.93
Total Spine Length	Carcase Length	-6.10	-5.00	-3.15	<b>-1.10</b>	0.95	2.80	3.90
Total Spine Number	Number Of Chops	-0.09	-0.07	-0.04	<b>-0.01</b>	0.02	0.05	0.07
Predicted IMF %	Meat Quality	-0.19	-0.16	-0.10	<b>-0.04</b>	0.02	0.08	0.11
Days to Slaughter	Speed of Finish	1.06	0.79	0.34	<b>-0.16</b>	-0.66	-1.11	-1.38
Carcase Weight	Carcase Weight	-0.13	-0.10	-0.04	<b>0.03</b>	0.10	0.16	0.19
Carcase Conformation	Conformation	-0.24	-0.16	-0.03	<b>0.11</b>	0.25	0.38	0.46
Fat Class	Finish	-0.15	-0.12	-0.07	<b>-0.02</b>	0.03	0.08	0.11
Lamb Value	Overall Carcase Value	0.60	0.72	0.92	<b>1.14</b>	1.36	1.56	1.68
Terminal Sire Index	Profitable Slaughter Lambs	87	112	153	<b>198</b>	244	285	309
Maternal Index	Profitable Ewes	85	102	129	<b>160</b>	191	218	235

**Rebasing** - EBVs and indexes have been rebased and are expressed relative to the average animal in 2010.

### **Weight adjusted traits**

Please note that all traits marked \* are now weight adjusted. This means that EBVs are a better prediction of carcase composition at a fixed weight.

Example: A ram with a muscle depth EBV of +2mm is estimated to produce lambs with loin depths 1mm deeper at a fixed weight than a ram with an EBV of 0