

## Shropshire 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	0.53	0.48	0.39	<b>0.30</b>	0.21	0.12	0.07
Lambing Ease	Lamb's Ease of Birth	-1.21	-0.99	-0.63	<b>-0.22</b>	0.19	0.55	0.77
Lambing Ease Maternal	Ewe's Ease of Lambing	-0.14	-0.09	0.00	<b>0.09</b>	0.18	0.26	0.31
Lamb Survival	Survival to Sale	-0.06	-0.04	-0.02	<b>0.01</b>	0.04	0.06	0.08
Eight Week Weight	Early Growth	0.67	0.96	1.45	<b>2.00</b>	2.55	3.04	3.33
Shearling Weight	Ewe Efficiency	0.73	1.39	2.49	<b>3.72</b>	4.95	6.05	6.71
Litter Size	Prolificacy	-0.05	-0.03	-0.01	<b>0.02</b>	0.05	0.07	0.09
Litter Size Reared	Prolificacy/Care	-0.04	-0.03	-0.01	<b>0.01</b>	0.03	0.05	0.06
Maternal Ability	Milk/Care	-0.28	-0.17	0.00	<b>0.20</b>	0.40	0.57	0.68
Scan Weight	Growth	1.82	2.60	3.90	<b>5.34</b>	6.78	8.08	8.86
Muscle Depth	Muscling	-0.61	-0.36	0.07	<b>0.54</b>	1.01	1.44	1.69
Fat Depth	Finish	-0.64	-0.53	-0.34	<b>-0.13</b>	0.08	0.27	0.38
CT Lean Weight	Muscling	-0.12	-0.07	0.00	<b>0.08</b>	0.16	0.23	0.28
CT Fat Weight	Finish	-0.47	-0.39	-0.26	<b>-0.12</b>	0.02	0.15	0.23
CT muscularity	Carcase Shape	-0.53	-0.43	-0.28	<b>-0.10</b>	0.08	0.23	0.33
CT Eye Muscle Area	Muscling	-0.35	-0.21	0.04	<b>0.32</b>	0.60	0.85	0.99
Total Spine Length	Carcase Length	-0.93	-0.62	-0.12	<b>0.44</b>	1.00	1.50	1.81
Total Spine Number	Number Of Chops	-0.05	-0.04	-0.02	<b>0.00</b>	0.02	0.04	0.05
Predicted IMF %	Meat Quality	-0.14	-0.12	-0.08	<b>-0.04</b>	0.00	0.04	0.06
Days to Slaughter	Speed of Finish	0.94	0.71	0.33	<b>-0.10</b>	-0.53	-0.91	-1.14
Carcase Weight	Carcase Weight	-0.15	-0.12	-0.06	<b>0.01</b>	0.08	0.14	0.17
Carcase Conformation	Conformation	-0.13	-0.10	-0.04	<b>0.02</b>	0.08	0.14	0.17
Fat Class	Finish	-0.06	-0.04	-0.01	<b>0.02</b>	0.05	0.08	0.10
Lamb Value	Overall Carcase Value	0.67	0.76	0.89	<b>1.05</b>	1.21	1.34	1.43
Terminal Sire Index	Profitable Slaughter Lambs	138	154	179	<b>208</b>	237	262	278
Maternal Index	Profitable Ewes	130	142	163	<b>185</b>	208	228	240

**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