

## Shropshire Breed Benchmark 2020 – National Terminal Sire Evaluation

Estimated Breeding Value	Attribute	Bottom 5%	Bottom 10%	Bottom 25%	Average	Top 25%	Top 10%	Top 5%
Birth Weight EBV (kg)	Birth Weight	0.45	0.4	0.31	0.22	0.13	0.04	-0.01
Maternal Ability EBV (kg)	Milk / Care	-0.34	-0.19	0.07	0.35	0.63	0.89	1.04
Litter Size Born EBV (%)	Prolificacy	-0.08	-0.06	-0.03	0	0.03	0.06	0.08
Litter Size Reared EBV (%)	Prolificacy/Care	-0.08	-0.06	-0.03	0	0.03	0.06	0.08
Eight Week Weight EBV (kg)	Growth	0.16	0.49	1.05	1.67	2.29	2.85	3.18
Scan Weight EBV (kg)	Growth	0.37	1.24	2.7	4.33	5.96	7.42	8.29
Muscle Depth EBV (mm)*	Muscling	-0.66	-0.4	0.01	0.48	0.95	1.36	1.62
Fat Depth EBV (mm)*	Finish	-0.8	-0.68	-0.47	-0.24	-0.01	0.2	0.32
Lean Weight EBV (kg)*	Muscling	-0.28	-0.2	-0.07	0.08	0.23	0.36	0.44
Fat Weight EBV (kg)*	Finish	-0.64	-0.55	-0.38	-0.2	-0.02	0.15	0.24
Gigot Muscularity EBV (mm)*	Muscling	-0.92	-0.74	-0.44	-0.11	0.22	0.52	0.7
Mature Size EBV (Shearling Weight) (kg)	Ewe efficiency	-0.39	0.31	1.48	2.78	4.08	5.25	5.95
Terminal Sire Index	Profitable slaughter lambs	<b>111</b>	<b>127</b>	<b>155</b>	<b>186</b>	<b>216</b>	<b>244</b>	<b>260</b>
Maternal Index	Profitable ewes	<b>97</b>	<b>113</b>	<b>140</b>	<b>169</b>	<b>199</b>	<b>225</b>	<b>241</b>

**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