

## Suffolk 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	0.28	0.23	0.14	0.05	-0.04	-0.13	-0.18
Maternal Ability EBV (kg)	Milk / Care	-0.69	-0.5	-0.18	0.17	0.52	0.84	1.03
Litter Size Born EBV (%)	Prolificacy	-0.06	-0.04	-0.01	0.02	0.05	0.08	0.1
Litter Size Reared EBV (%)	Prolificacy/Care	-0.06	-0.04	-0.02	0.01	0.04	0.06	0.08
Eight Week Weight EBV (kg)	Growth	-1.22	-0.84	-0.21	0.49	1.19	1.82	2.2
Scan Weight EBV (kg)	Growth	-2.97	-2.05	-0.5	1.21	2.92	4.47	5.39
Muscle Depth EBV (mm)*	Muscling	-1.26	-0.95	-0.42	0.17	0.76	1.29	1.6
Fat Depth EBV (mm)*	Finish	-0.39	-0.3	-0.13	0.05	0.23	0.4	0.49
Lean Weight EBV (kg)*	Muscling	-0.35	-0.25	-0.08	0.11	0.3	0.47	0.57
Fat Weight EBV (kg)*	Finish	-0.35	-0.27	-0.12	0.04	0.2	0.35	0.43
Gigot Muscularity EBV (mm)*	Muscling	-1.11	-0.82	-0.34	0.19	0.72	1.2	1.49
Mature Size EBV (Shearling Weight) (kg)	Ewe efficiency	-2.95	-2.09	-0.65	0.95	2.55	3.99	4.85
FEC - Faecal Egg Count EBV	Health	0.09	0.07	0.03	-0.01	-0.05	-0.09	-0.11
CT Muscle Area EBV (mm <sup>2</sup> )*	Muscling	-2.26	-1.63	-0.57	0.6	1.77	2.83	3.46
CT Intramuscular Fat % EBV (%)*	Meat quality	-0.14	-0.11	-0.06	-0.01	0.04	0.09	0.12
Total Spine Length EBV (cm)*	Carcase length	-17.67	-14.49	-9.17	-3.26	2.65	7.97	11.15
Total Spine Vertebrae Count EBV (vertebra)	Carcase length	-0.32	-0.27	-0.17	-0.06	0.05	0.15	0.2
Thoracic Length EBV (cm)*	Carcase length	-11.16	-9.13	-5.73	-1.96	1.81	5.21	7.24
Thoracic Vertebrae Count EBV (vertebra)	Carcase length	-0.13	-0.11	-0.07	-0.03	0.01	0.05	0.07
Lumbar Length EBV (cm)*	Carcase length	-7.36	-6.03	-3.81	-1.34	1.13	3.35	4.68
Lumbar Vertebrae Count EBV (vertebra)	Carcase length	-0.14	-0.11	-0.07	-0.02	0.03	0.07	0.1
Terminal Sire Index	Profitable slaughter lambs	<b>24</b>	<b>49</b>	<b>90</b>	<b>136</b>	<b>182</b>	<b>223</b>	<b>248</b>
Maternal Index	Profitable ewes	<b>41</b>	<b>61</b>	<b>94</b>	<b>130</b>	<b>167</b>	<b>200</b>	<b>220</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 carcass 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