

## Meatline 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	0.59	0.54	0.45	<b>0.36</b>	0.27	0.18	0.13
Lambing Ease	Lamb's Ease of Birth	-0.41	-0.29	-0.09	<b>0.13</b>	0.35	0.55	0.67
Lambing Ease Maternal	Ewe's Ease of Lambing	-0.02	0.05	0.18	<b>0.31</b>	0.45	0.57	0.65
Lamb Survival	Survival to Sale	-0.05	-0.03	0.01	<b>0.05</b>	0.09	0.13	0.15
Eight Week Weight	Early Growth	1.47	1.78	2.28	<b>2.84</b>	3.40	3.90	4.21
Shearling Weight	Ewe Efficiency	3.10	3.83	5.05	<b>6.41</b>	7.77	8.99	9.72
Litter Size	Prolificacy	-0.12	-0.10	-0.07	<b>-0.04</b>	-0.01	0.02	0.04
Litter Size Reared	Prolificacy/Care	-0.08	-0.07	-0.05	<b>-0.03</b>	-0.01	0.01	0.02
Maternal Ability	Milk/Care	-0.44	-0.33	-0.16	<b>0.04</b>	0.24	0.41	0.52
Scan Weight	Growth	3.71	4.47	5.74	<b>7.16</b>	8.58	9.85	10.61
Muscle Depth	Muscling	-0.34	0.00	0.56	<b>1.19</b>	1.82	2.38	2.72
Fat Depth	Finish	-0.60	-0.48	-0.27	<b>-0.04</b>	0.19	0.40	0.52
CT Lean Weight	Muscling	-0.07	0.03	0.18	<b>0.36</b>	0.54	0.69	0.79
CT Fat Weight	Finish	-0.49	-0.39	-0.24	<b>-0.06</b>	0.12	0.27	0.37
CT muscularity	Carcase Shape	-0.15	0.13	0.59	<b>1.10</b>	1.61	2.07	2.35
CT Eye Muscle Area	Muscling	-0.39	-0.07	0.47	<b>1.07</b>	1.67	2.21	2.53
Total Spine Length	Carcase Length	-5.64	-4.11	-1.53	<b>1.33</b>	4.19	6.77	8.30
Total Spine Number	Number Of Chops	-0.12	-0.08	-0.01	<b>0.06</b>	0.13	0.20	0.24
Predicted IMF %	Meat Quality	-0.20	-0.17	-0.11	<b>-0.04</b>	0.03	0.09	0.12
Days to Slaughter	Speed of Finish	2.55	2.19	1.60	<b>0.95</b>	0.30	-0.29	-0.65
Carcase Weight	Carcase Weight	-0.20	-0.16	-0.08	<b>0.01</b>	0.10	0.18	0.22
Carcase Conformation	Conformation	-0.21	-0.14	-0.03	<b>0.10</b>	0.23	0.34	0.41
Fat Class	Finish	-0.20	-0.17	-0.11	<b>-0.05</b>	0.01	0.07	0.10
Lamb Value	Overall Carcase Value	0.34	0.47	0.69	<b>0.93</b>	1.17	1.39	1.52
Terminal Sire Index	Profitable Slaughter Lambs	199	217	247	<b>281</b>	315	345	363
Maternal Index	Profitable Ewes	138	150	170	<b>193</b>	215	235	247

**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