

## Oxford Down 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	0.26	0.22	0.14	<b>0.05</b>	-0.04	-0.12	-0.16
Lambing Ease	Lamb's Ease of Birth	-0.76	-0.60	-0.34	<b>-0.05</b>	0.24	0.50	0.66
Lambing Ease Maternal	Ewe's Ease of Lambing	-0.22	-0.18	-0.11	<b>-0.04</b>	0.04	0.10	0.14
Lamb Survival	Survival to Sale	-0.07	-0.05	-0.03	<b>0.00</b>	0.03	0.05	0.07
Eight Week Weight	Early Growth	-1.13	-0.78	-0.20	<b>0.45</b>	1.10	1.68	2.03
Shearling Weight	Ewe Efficiency	-2.84	-2.03	-0.67	<b>0.84</b>	2.35	3.71	4.52
Litter Size	Prolificacy	-0.04	-0.03	-0.01	<b>0.01</b>	0.03	0.05	0.06
Litter Size Reared	Prolificacy/Care	-0.02	-0.02	0.00	<b>0.01</b>	0.02	0.04	0.04
Maternal Ability	Milk/Care	-0.35	-0.28	-0.17	<b>-0.04</b>	0.09	0.20	0.27
Scan Weight	Growth	-2.83	-1.95	-0.48	<b>1.15</b>	2.78	4.25	5.13
Muscle Depth	Muscling	-0.93	-0.67	-0.26	<b>0.21</b>	0.68	1.09	1.35
Fat Depth	Finish	-0.49	-0.39	-0.24	<b>-0.06</b>	0.12	0.27	0.37
CT Lean Weight	Muscling	-0.13	-0.10	-0.04	<b>0.03</b>	0.10	0.16	0.19
CT Fat Weight	Finish	-0.35	-0.28	-0.17	<b>-0.05</b>	0.07	0.18	0.25
CT muscularity	Carcase Shape	-0.20	-0.16	-0.08	<b>0.01</b>	0.10	0.18	0.22
CT Eye Muscle Area	Muscling	-0.55	-0.40	-0.14	<b>0.14</b>	0.42	0.68	0.83
Total Spine Length	Carcase Length	-0.31	-0.24	-0.12	<b>0.02</b>	0.16	0.28	0.35
Total Spine Number	Number Of Chops	-0.02	-0.01	-0.01	<b>0.00</b>	0.01	0.01	0.02
Predicted IMF %	Meat Quality	-0.10	-0.08	-0.05	<b>-0.02</b>	0.01	0.04	0.06
Days to Slaughter	Speed of Finish	0.50	0.39	0.21	<b>0.01</b>	-0.19	-0.37	-0.48
Carcase Weight	Carcase Weight	-0.13	-0.11	-0.07	<b>-0.03</b>	0.01	0.05	0.07
Carcase Conformation	Conformation	-0.14	-0.11	-0.07	<b>-0.02</b>	0.03	0.07	0.10
Fat Class	Finish	-0.05	-0.04	-0.02	<b>0.00</b>	0.02	0.04	0.05
Lamb Value	Overall Carcase Value	0.62	0.69	0.80	<b>0.93</b>	1.06	1.17	1.24
Terminal Sire Index	Profitable Slaughter Lambs	19	45	88	<b>136</b>	184	228	254
Maternal Index	Profitable Ewes	58	72	94	<b>120</b>	145	167	181

**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