



## 2022 Limousin Breed Benchmark

Trait	Bottom			Breed Average	Top		
	1%	10%	25%		25%	10%	1%
Gest. Length (days)	4	2	1	-0	-1	-2	-4
Birth Weight (kg)	3.2	2.1	1.5	0.8	0.1	-0.6	-1.7
Calving Ease (%)	-4.9	-3.2	-2.2	-1.1	0	1	2.7
Mat.Calv. Ease (%)	-1.8	-1.1	-0.6	-0.1	0.4	0.8	1.6
200 Day Growth (kg)	-12	-1	5	13	20	26	37
400 Day Growth (kg)	-21	-1	11	24	37	48	68
Muscle Depth (mm)	-1.8	-0.1	0.8	1.9	2.9	3.9	5.5
Fat Depth (mm)	-0.5	-0.3	-0.2	-0	0.1	0.2	0.4
<b>BEEF VALUE</b>	<b>LM8</b>	<b>LM18</b>	<b>LM23</b>	<b>LM29</b>	<b>LM35</b>	<b>LM41</b>	<b>LM50</b>
200 Day Milk (kg)	-4	-2	-1	-0	1	2	4
Age at first calf (days)*	64.3	49.7	41.3	31.9	22.4	14	-0.6
Calving interval (days)*	14.8	9.9	7	3.8	0.6	-2.3	-7.3
Longevity*	-0.22	-0.15	-0.11	-0.07	-0.02	0.02	0.08
Calf Survival*	-0.05	-0.03	-0.02	-0.01	0.01	0.02	0.04
Scrotal Circ (cm)	-0.8	-0.4	-0.2	0.1	0.3	0.5	0.9
Docility (%)	-3.2	-1.1	0.1	1.4	2.7	3.9	6
Age to slaughter (days)*	20	10	4	-2	-8	-14	-24
Carcase weight (kg)*	-6	1	5	9.5	14	18	24.9
Fillet (kg)*	0.09	0.13	0.15	0.17	0.2	0.22	0.26
Striploin (kg)*	0.05	0.16	0.23	0.3	0.37	0.44	0.55
Rump (kg)*	0.17	0.29	0.35	0.42	0.49	0.56	0.67
Topside (kg)*	0.52	0.78	0.93	1.09	1.26	1.41	1.66
Silverside (kg)*	0.6	0.89	1.06	1.25	1.43	1.6	1.89
Knuckle (kg)*	0.19	0.31	0.37	0.45	0.52	0.59	0.71
<b>Retail Value*</b>	<b>LM15R</b>	<b>LM22R</b>	<b>LM26R</b>	<b>LM31R</b>	<b>LM36R</b>	<b>LM40R</b>	<b>LM47R</b>

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\* Where animals have been genotyped, the breeding values for these traits will be Genomic Breeding Values (GEBVs). Publication of GEBVs is at animal owners' discretion. If an animal has not been genotyped, the breeding value will be a conventional Estimated Breeding Value (EBV). Whether a breeding value is an EBV or a GEBV is noted alongside each value.

Please note that EBVs and GEBVs are interchangeable for the same trait. For example, an animal with a Calving Interval GEBV can be directly compared to an animal with a Calving Interval EBV. A link to further information on all EBVs and GEBVs is below.

## FOR INFORMATION

### Breeding Indexes

**EBVs can be combined in to selection indexes to meet wider breeding objectives...**

<b>Calving Value</b>	An economic indicator of the collective value of Gestation Length and Calving Ease
<b>Beef Value</b>	An economic indicator of the collective value of Birth Weight, Calving Ease, 400-Day Growth, Muscle Depth and Backfat Depth
<b>Retail Value</b>	An economic indicator of the collective value of Fillet, Striploin, Rump, Topside, Silverside and Knuckle at 600 days of age and a standard carcass weight of 350kgs.

### **NB: Using Calving Ease and Maternal Calving Ease**

**Calving Ease EBV** *Predicts how easy a bull's own calves will be born.*

**Maternal Calving Ease EBV** *Predicts how easily a bull's daughters will calve.*

**To search the Limousin database by Breeder, by EBVs/GEBVs and/or by Individual Animal go to [www.taurusdata.co.uk](http://www.taurusdata.co.uk) and click on 'Beef Search'**

**For more information on EBVs and GEBVs please go to [www.limousin.co.uk](http://www.limousin.co.uk) and click on 'Performance Programmes' or get in touch on the numbers below.**

