



LIMOUSIN

2018 Limousin Breed Benchmark

Trait	Bottom			Breed Avge	Top		
	1%	10%	25%		25%	10%	1%
Birth Weight (kg)	4.0	3.1	2.5	1.9	1.3	0.7	-0.3
Calving Ease (%)	-6.3	-4.6	-3.6	-2.5	-1.4	-0.4	1.3
Mat. Calv. Ease (%)	-1.4	-0.8	-0.4	0.1	0.5	0.9	1.6
Gest. Length (days)	4	2	1	0	-1	-2	-3
Calving Value	LM-4C	LM-2C	LM-1C	LM0C	LM2C	LM3C	LM5C
200 Day Growth (kg)	1	11	18	24	31	37	48
400 Day Growth (kg)	1	21	32	45	58	69	89
Muscle Depth (mm)	-0.7	1.0	1.9	3.0	4.1	5.1	6.8
Fat Depth (mm)	-0.5	-0.4	-0.2	-0.1	0.0	0.1	0.3
Beef Value	LM5	LM14	LM20	LM26	LM32	LM37	LM47
200-Day Milk (kg)	-5	-3	-2	-1	0	1	3
Age 1st Calv. (days)*	49	37	31	23	15	9	-3
Longevity (rel. no calves born to 6.5 yrs)*	-0.13	-0.08	-0.05	-0.02	0.01	0.04	0.09
Calv. Interval (days)*	13	9	6	3	0	-2	-7
Calf Survival (% 3 weeks to 10 mths)*	-0.04	-0.02	-0.02	-0.01	0	0.01	0.03
Scrotal Circ. (cm)	-0.5	-0.2	0.0	0.3	0.5	0.7	1.1
Docility (%)	-1.1	0.7	1.7	2.8	4.0	5.0	6.7
Carcase Wt (kg)*	-13	-4	1	7	13	18	27
Slaught. Age (days)*	32	18	9	0	-10	-18	-33
Fillet (kg)*	0	0.06	0.09	0.12	0.16	0.19	0.24
Striploin (kg)*	-0.1	0.03	0.11	0.19	0.28	0.36	0.49
Topside (kg)*	-0.03	0.32	0.53	0.76	0.98	1.19	1.54
Rump (kg)*	-0.03	0.12	0.21	0.31	0.41	0.5	0.65
Silverside (kg)*	-0.05	0.36	0.6	0.86	1.12	1.36	1.77
Knuckle (kg)*	0.01	0.15	0.23	0.33	0.42	0.5	0.64
Retail Value*	LM-11R	LM-1R	LM5R	LM12R	LM19R	LM25R	LM35R

cont over/

* Where animals have been genotyped, the breeding values for these traits will be Genomic Breeding Values (GEBVs). 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...

Calving Value	An economic indicator of the collective value of Gestation Length and Calving Ease
Beef Value	An economic indicator of the collective value of Birth Weight, Calving Ease, 400-Day Growth, Muscle Depth and Backfat Depth
Retail Value	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 and click on 'Beef Search'

For more information on EBVs and GEBVs please go to www.limousin.co.uk and click on 'Breed Improvement' or get in touch on the numbers below.

