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How to Interpret the EBV**Days to Calving**

Days to Calving, or DC on reports, is measured in days. In the example below, the value of -7.4 means that the bull will breed daughters that calve earlier in the season, by 7.4 days. If the DC value is positive, e.g. 3.5, then the bull will breed daughters that calve later in the season. This difference refers to the time of conception after the first exposure to a breeding bull.

For a bull DC refers to his daughters and for a female it refers to her own gestation period.

Docility

Docility is a measure of temperament in cattle and is expressed as differences in the percentage of progeny that will be scored with acceptable temperament. In the example below, the bull is expected to produce 23.8% more progeny with acceptable temperament.

A more positive EBV is more favourable.

Example of published EBVs: this is typical information as published on the Brahman Web under Animal Enquiries. The table lists own observed traits, number of herds where progeny had been analysed, and types of information analysed on the progeny. See the DC and Docility EBVs compared to the Breed Average (on the Percentiles Table refer the 50% band).

August 2017 South African Brahman GROUP BREEDPLAN EBVS																
	Gestation Length (days)	Birth Wt. (kg)	200 Day Wt (kg)	400 Day Wt (kg)	600 Day Wt (kg)	Mat Cow Wt (kg)	Milk (kg)	Scrotal Size (cm)	Days to Calving (days)	Carcase Wt (kg)	Eye Muscle Area (sq cm)	Rib Fat (mm)	Rump Fat (mm)	Retail Beef Yield (%)	IMF (%)	Docility
EBV	0.0	+3.5	+20	+33	+40	+40	+8	+1.2	-7.4	+20	+0.9	+1.1	+1.4	-0.4	+0.2	+23.8
Acc	63%	93%	91%	86%	84%	78%	69%	62%	56%	71%	47%	62%	62%	53%	55%	88%
Breed Avg. EBVs for 2015 Born Calves Click for Percentiles																
EBV	-0.7	+1.5	+15	+24	+30	+30	+3	+0.7	-0.4	+17	+0.3	+0.1	+0.1	+0.0	+0.0	+1.6

Traits Observed: BWT,200WT

Statistics: Number of Herds: 4, Progeny Analysed: 111, Scan Progeny: 10, Number of Dtrs: 9

SELECTION INDEX VALUES		
Market Target	Index Value	Breed Average
Rangeland Grazing Index (R)	+R 125	+R 96
Wean Index (R)	+R 101	+R 62
Feedlot Index (R)	+R 123	+R 67

