Understanding Front Feet Angle EBVs

CE Dir	CE Dtrs	GL	BWT	200	400															
-11.3 (96%)	-10.4 (90%)	+0.0 (99%)	+6.0 (99%)	+52 (99%)	+91 (99%)						+0.29 (90%)	+60 (96%)	+11.7 (96%)	-2.4 (96%)	-0.7 (96%)	+2.9 (95%)	+1.7 (95%)	+9 (89%)	-2 (89%)	-11 (83%)	+4.8 (58%)	-0.8 (67%)
-6.1 (99%)	-11.1 (97%)	-2.3 (99%)	+6.0 (99%)	+50 (99%)	+85 (99%)						+0.59 (96%)	+87 (98%)	+9.2 (98%)	+0.6 (98%)	-1.4 (98%)	+0.6 (98%)	+4.3 (98%)	+16 (98%)	+8 (98%)	+12 (96%)	+1.5 (91%)	+0.4 (94%)
+4.2 (98%)	+4.9 (96%)	-5.5 (99%)	+1.7 (99%)	+49 (99%)	+88 (99%)						+0.63	+75	+7.4	-0.9	+0.2	+0.2 (96%)	+3.4 (96%)	+11 (96%)	-4 (96%)	-9 (93%)	-23.7 (84%)	+0.3 (89%)
+3.6 (85%)	-0.2 (73%)	-4.4 (99%)	+2.3 (99%)	+48 (98%)	+91 (98%)											+0.0 (81%)	+3.2 (85%)	-26 (46%)	-22 (45%)	- (-)	- (-)	- (-)
-7.7 (98%)	-15.5 (96%)	-5.3 (99%)	+8.0 (99%)	+56 (99%)	+95 (99%)	+131 (99%)	+120 (99%)	+17 (99%)	-4.7 (94%)	+0.9 (99%)						+2.0 (97%)	+2.1 (97%)	+26 (75%)	+26 (84%)	+10 (65%)	+3.1 (38%)	-0.8 (60%)
-0.3 (99%)	-0.3 (97%)	-4.8 (99%)	+4.0 (99%)	+50 (99%)	+91 (99%)	+121 (99%)	+105 (99%)	+21 (99%)	-7.7 (94%)	+3.1 (99%)								+7 (97%)	+24 (97%)	+16 (93%)	+2.7 (83%)	-1.3 (90%)
+2.8 (98%)	-0.9 (96%)	-2.7 (99%)	+2.6 (99%)	+30 (99%)	+59 (99%)	+78 (99%)	+44 (99%)	+20 (99%)	-5.8 (97%)	+2.7 (99%)						-0.9 (97%)	+2.3 (97%)	-4	+0 (82%)	+4 (72%)	+1.9 (51%)	-0.6 (64%)

Front Feet Angle EBVs are estimates of genetic differences between animals in desirable front feet angle.

Higher Front Feet Angle EBVs indicate an animal is expected to produce a higher percentage of progeny with desirable front feet angle.

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Front Feet Angle EBVs are calculated from a subjective assessment of feet angle (strength of pastern, depth of heel) by an accredited assessor when animals are less than 750 days of age and are expressed in percentage units.

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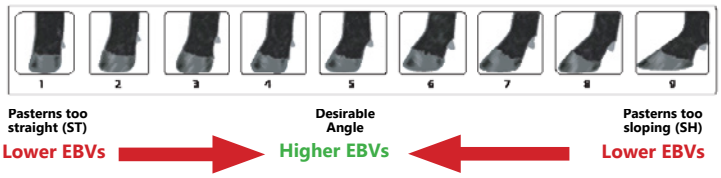

Low Front Feet Angle EBVs are published with an additional flag of either "ST", indicating increased probability of progeny with steep feet angle, or "SH", indicating increased probability of progeny with shallow feet angle.

Using Front Feet Angle EBVs to Compare an Animal's Genetics with the Breed

Front Feet Angle EBVs can be used to benchmark an animal's genetics for front feet angle relative to other Angus animals in Australia and New Zealand.

To benchmark an animal's genetics relative to other Angus animals, an animal's Front Feed Angle EBV can be compared to:

- the breed average EBV
- the percentile table

The current breed average and percentile table for Front Feed Angle can be found on the Angus Australia website, or they are normally listed in most BREEDPLAN reports, sale and semen catalogues.

Considering Accuracy

An accuracy value is published in association with each Front Feet Angle EBV, which is usually displayed as a percentage value immediately below the EBV.

The accuracy value provides an indication of the reliability of the EBV in estimating the animal's genetics for front feet angle (or true breeding value), and is an indication of the amount of information that has been used in the calculation of the EBV.

Front Feet Angle EBVs with accuracy values below 50% should be considered as preliminary or of low accuracy, 50-74% as of medium accuracy, 75-90% of medium to high accuracy, and 90% or greater as high accuracy.

For further information, please contact staff at:

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