

**AMERICAN ANGUS ASSOCIATION® — THE BUSINESS BREED**

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Angus National Cattle Evaluation Fall 2009

Angus Trait Heritabilities and Genetic Correlations										
Trait	CED	BW	WW	PG	YH	SC	CEM	MILK	MW	MH
Calving ease direct (CED)	.18 <sup>1</sup>	-.76								
Birth wt direct(BW)		0.42								
Weaning direct (WW)			0.20	0.15 <sup>2</sup>						
Postweaning gain (PG)				0.20	0.54 <sup>3</sup>	0.29 <sup>3</sup>				
Yearling ht (YH)					0.45					
Scrotal circumference (SC)						0.43				
Calving ease maternal (CEM)							.12 <sup>4</sup>			
Maternal milk								0.14		
Mature wt (MW)									0.55	0.80
Mature ht (MH)										0.82

<sup>1</sup>Heritability estimates are on the diagonal.

<sup>2</sup>Upper off-diagonals are genetic correlations.

<sup>3</sup>Genetic correlation between 365-d yearling weight and SC or YH.

<sup>4</sup>Maternal component only.

Genetic parameters for carcass traits are published by the Journal of Animal Science at <http://jas.fass.org/>, MacNeil and Northcutt (2008).

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