



## Angus National Cattle Evaluation Spring 2013

Angus Trait Heritabilities and Genetic Correlations													
Trait	CED	BW	WW	PG	RADG	YH	SC	Doc	HP	CEM	Milk	MW	MH
Calving ease direct (CED)	.20 <sup>1</sup>	-.69											
Birth wt direct (BW)		.42											
Weaning direct (WW)			.20	.15 <sup>2</sup>									
Postweaning gain (PG)				.20		.48 <sup>3</sup>	.28 <sup>3</sup>						
Residual Average Daily Gain (RADG)					.31 <sup>4</sup>								
Yearling ht (YH)						.50							
Scrotal circumference (SC)							.47						
Docility (Doc)								.37					
Heifer Pregnancy (HP)									.13				
Calving ease maternal (CEM)										.12 <sup>5</sup>			
Maternal milk											.14		
Mature wt (MW)												.37	.75
Mature ht (MH)													.64

<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>Feed intake heritability.

<sup>5</sup>Maternal component only.

Genetic parameters for carcass traits are published at *Journal of Animal Science* 2008, 86:2518-2524.

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