

TABLE 1. Effect of percent Angus on health, performance and carcass

	Low	Half	Three quarters	Straight
Percentage Angus	9.2 ^a	48.6 ^b	74.2 ^c	99.4 ^d
Days on Feed	175.2 ^a	169.1 ^b	167.4 ^c	163.9 ^d
ADG, lb/day	3.1 ^a	3.2 ^b	3.2 ^b	3.28 ^c
Health				
No. Times Treated	0.34 ^a	0.23 ^{b,c}	0.26 ^b	0.23 ^c
Individual Treatment Cost (\$/head)	7.72 ^a	5.54 ^b	6.72 ^c	5.6 ^b
Morbidity Rate (%)	21.7 ^a	15.5 ^b	17.2 ^c	16.0 ^b
Mortality Rate (%)	1.73 ^a	1.1 ^a	1.45 ^a	1.7 ^a
Carcass Data				
Average Yield Grade	2.56 ^a	2.78 ^b	2.93 ^c	3.03 ^d
CAB [®] Acceptance Rate, %	8.9 ^a	15.8 ^b	16.7 ^b	27.3 ^c
<i>Tri-County Steer Carcass Futurity data from 30,000 head on feed, 2002-2009</i>				
<i>a,b,c,d Means within a row with unlike superscripts differ (P<0.05)</i>				

TABLE 2. Characterization of performance and carcass trait by sire breed

Item	Sire Breed			
	Solely Angus	Predominately Angus	Other Breeds	Unknown
Treatment cost (\$/head)	2.88	3.77	4.44	3.81
Estimated final weight (lb)	1213.5	1178.2	1189.4	1178.2
Average daily gain (lb/d)	3.53	3.32	3.21	3.27
Carcass price (\$/cwt)	133.84	132.99	131.90	132.23
Lot CAB [®] acceptance rate (%)	19.19	11.93	5.84	9.19

**Data on 56,438 head at Decatur County Feed Yard, 2003-2009*

**Select Breed of Sire Means and Deviations from Angus on Industry Scale
(Spring, 2010 Genetic Evaluations; lb)**

Breed	BWT*	WWT*	YWT*	MILK*
Angus	92 (0.0)	601 (0.0)	1,020 (0.0)	592 (0.0)
Hereford	96 (4.9)	599 (-2.0)	993 (-27.0)	569 (-22.6)
Red Angus	92 (0.8)	585 (-16.1)	989 (-31.1)	583 (-8.7)
Brahman	104 (12.2)	613 (11.5)	964 (-55.9)	601 (9.4)
Charolais	99 (7.7)	623 (21.4)	1,032 (11.5)	580 (-11.3)
Gelbvieh	95 (3.5)	603 (2.2)	1,004 (-16.7)	597 (5.3)
Limousin	95 (3.6)	601 (-0.4)	990 (-30.4)	577 (-15.1)
Simmental	96 (4.3)	616 (15.0)	1,023 (2.5)	587 (-4.8)

**Adjusted to USMARC EPD and weight means for Angus
Provided by USDA Meat Animal Research Center*