

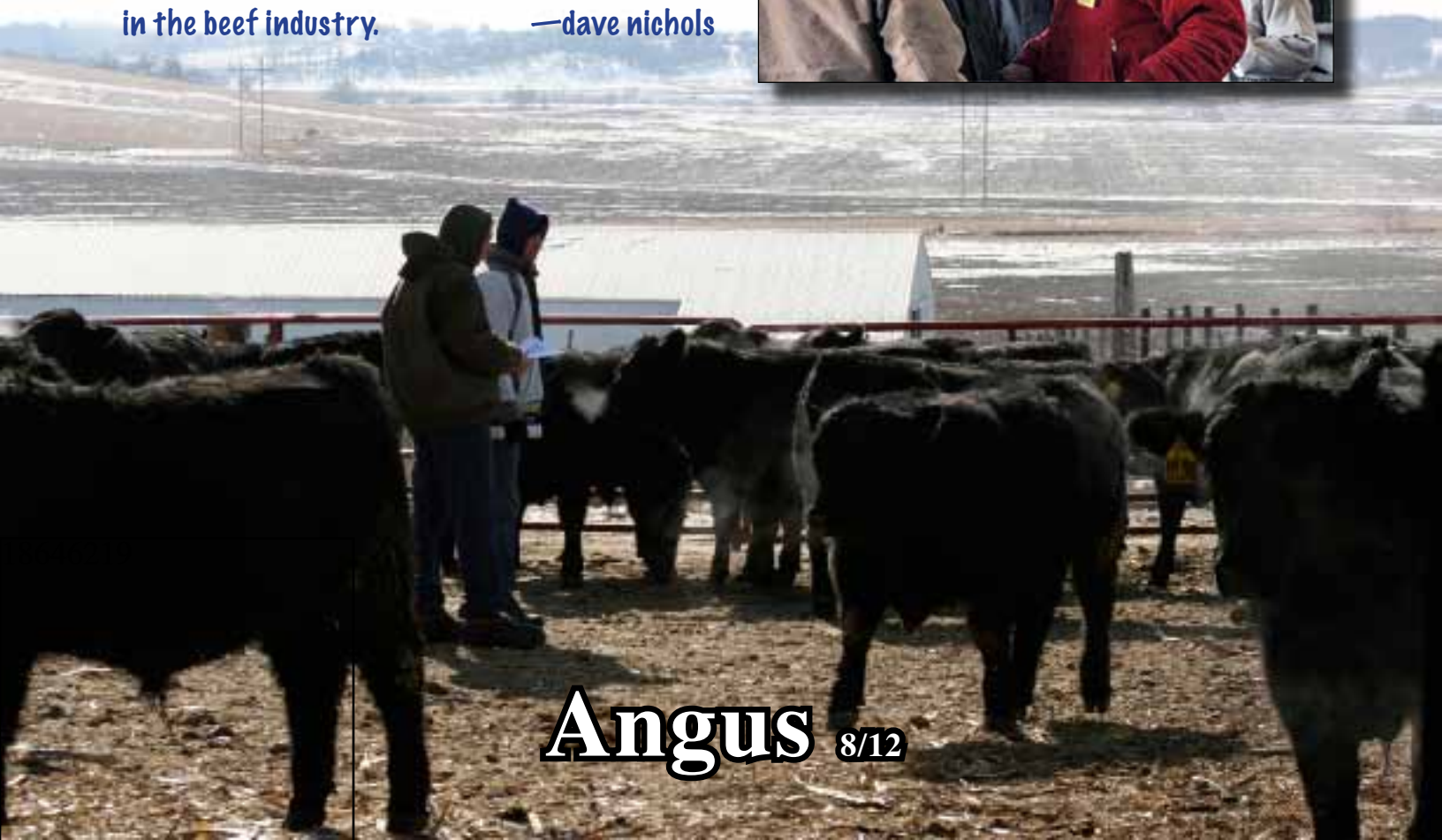
Nichols Farms

Private Treaty Bull Sale

64 Years of Superior Beef Genetics

"Large or small, old or new - Nichols customers are our friends, and can expect the same level of performance and service from our stock and our team. And you will have the benefit of being a part of the Nichols family."

Come and take a look at some of the best bulls in the beef industry. —dave nichols



Angus 8/12

Welcome to Nichols Farms

Glossary of Items on Nichols Bulls...

Breed : Angus, Simmental, SX and DX Composites.

Brand/Tag: Ear Tag , Brand, Tattoo & Name are the same.

Color: **B**—Black, **BWF**— Black-baldy, (may have other white)

Horn/Poll: **P** — Smooth Polled **S** is Polled with scurs

Birth Date: Birthday of animal.

Birth Wt.: Actual birth weight.

205 Adj: Weaning weight adjusted to 205 days of age

205 Ratio: An within-herd index of a calf's weaning weight

Cum ADG: Average Daily Gain for the entire feedlot test period computed from actual weaning weight to yearling weight

EPDs: Expected Progeny Differences are estimates based on the data of the individual animal and his relatives in all the different herds across the breed's population. EPD's figures are in actual pounds, plus (+) or minus (-) for each trait. Those below would be minus (-) and those above average would be plus (+). You can expect these differences in the actual weight of your bull's calves. EPDs predict the transmitting ability of each bull when compared with the many thousands of bulls in each breed.

EPD Note: You **can** compare the purebred Nichols Angus, purebred South Devons and South Devon Hybrids because their base point has been adjusted to the Angus base. You **can not** compare EPD's between Nichols pure-bred Simmentals, pure bred Angus and Nichols Composites. Nichols pure-bred Simmentals and Simmental Hybrids are on the Simmental base.

Color: **hom** is homozygous black, **het** is heterozygous red carrier

Carcass EPDs: Marbling: Intramuscular fat in the rib eye determines USDA quality grade. Prime, CAB, Choice, or Select

BF: Back fat thickness in inches measured on the rib eye.

REA: Rib eye area in square inches measured at the 13th rib.

Calving Ease: Suitable to breed "heifers" or "cows"

- ✓ **Volume discounts**
- ✓ **Health & Death Warranty (limited)**
- ✓ **\$100 off if you pick up your Bull(s)**
- ✓ **Free of Genetic Abnormalities— AM, NH, MI, CA, DD, MI, TH, and PH by pedigree or DNA test**

Angus \$ Value EPDs

\$Values EPDs are reported in \$ per head—
i.e. (\$W) +19 (\$F) +22 (\$G) +19 (\$B) +37

- ◆ **\$Values EPDs**, are computed for \$Weaning, (weaning wt.), \$Feedlot (days on feed, daily rate of gain, ration cost) and \$Grid (Choice-Select spread and Yield Grade 4 & 5s) and \$Beef (heavy wt. carcass discounts).
- ◆ **Weaning Value (\$W)** calculates a \$ per head difference in expected progeny differences for weaning weight compared to progeny of other Angus sires.
- ◆ **Feedlot Value (\$F)** calculates a \$ per head difference in expected progeny differences for feedlot performance compared to progeny of other Angus sires.
- ◆ **Grid Value (\$G)** combines quality grade and yield grade and is calculated for animals with carcass EPDs, ultrasound EPDs, or both types of EPDs.
- ◆ **Beef Value (\$B)** represents the expected average dollar per head difference in the progeny feedlot performance and carcass value compared to progeny of other Angus sires. Beef Value (\$B) is comprised of: Feedlot Value (\$F), Grid Value (\$G) and wt. discounts.

Sale Terms and Conditions - 2017

Bulls will be semen checked prior to pick up or delivery.

Nichols Farms offers death and loss of use warranty on their sale bulls. This warranty must be purchased at time of sale.

Bulls are guaranteed to service cows. Any bull that settles healthy cows by natural service or passes a fertility test made by a certified veterinarian mutually agreed upon by Nichols Farms and buyer shall be considered a breeder.

The following exceptions apply to all breeding animals sold by Nichols Farms.

- Animals put in service or bred at less than 12 months of age.
- Injury or disease to the animal occurring after the sale.
- Gross negligence or misconduct on the part of the buyer.

Nichols Farms
Superior Beef Genetics

2188 Clay Avenue • Bridgewater, Iowa 50837

Bull Barn: 641-369-2829

fax: 641-369-2932

Ross cell: 641-745-5241

www.nicholsfarms.biz

Pen: L NICHOLS QUIET LAD D470

ID: D470 birth 3/21/16

NICHOLS QUIET LAD T9
 NICHOLS QUIET LAD X42
 NICHOLS BLACKCAP U137
 NICHOLS NEW LEVEL R25
 ASF JUANNA ERICA 22
 ASF JUANNA ERICA 334

Individual Performance:

BW 205 Wt **ADG** **Yrl. Wt**
79 **663** **4.24** **1226**

Expected Progeny Differences: EPDs

CED **BW** **WW** **YW** **RADG** **CEM** **MM** **\$W** **\$FL** **\$B**
+13 **+9** **+42** **+77** **+16** **+11** **+15** **\$38** **\$29** **\$46**

Carcass Merit EPDs:

Marb **REA** **Fat** **Calving Ease** **Price**
-.08 **-.15** **.066** **Heifers** **\$4,500**

Pen: M NICHOLS EXTRA D209

ID: D209 birth 3/26/16

NICHOLS EXTRA K205
 K C F BENNETT SOUTHSIDE
 K C F MISS 208 S11
 NICHOLS SPECIAL DUTY H75
 NICHOLS FORMULA R435
 NICHOLS FORMULA J270

Individual Performance:

BW 205 Wt **ADG** **Yrl. Wt**
89 **684** **4.14** **1338**

Expected Progeny Differences: EPDs

CED **BW** **WW** **YW** **RADG** **CEM** **MM** **\$W** **\$FL** **\$B**
+3 **+3.6** **+58** **+104** **+26** **+8** **+25** **\$44** **\$65** **\$95**

Carcass Merit EPDs:

Marb **REA** **Fat** **Calving Ease** **Price**
.41 **.08** **-.016** **Cows** **\$4,500**

Pen: M NICHOLS QUIET LAD D381

ID: D381 birth 4/21/16

NICHOLS QUIET LAD T9
 NICHOLS QUIET LAD X366
 NICHOLS BLK HEIRESS R152
 NICHOLS COMMITMENT U120
 NICHOLS BARBARAMER Y439
 NICHOLS BARBARAMERE S17

Individual Performance:

BW 205 Wt **ADG** **Yrl. Wt**
98 **782** **4.71** **1537**

Expected Progeny Differences: EPDs

CED **BW** **WW** **YW** **RADG** **CEM** **MM** **\$W** **\$FL** **\$B**
-10 **+5.** **+62** **+128** **+31** **+0** **+19** **\$42** **\$108** **\$117**

Carcass Merit EPDs:

Marb **REA** **Fat** **Calving Ease** **Price**
.32 **-.41** **.047** **Cows** **\$4,500**



Nichols Stout T152 is a sire who lives up to his name. He exhibits extra width and muscle definition. His EPDs for RADG, Yearling wt, Carcass wt, and \$Feedlot rank him in the top 4%.

production

carcass

BW	WW	MM	YRL	RADG	MARB	REA	FAT	SF	\$QG	\$B
+6.1	+58	+20	+120	+37	-.01	+16	-.00	+\$102	+\$4	+\$106

Feed Efficiency — RADG EPD

The **RADG EPD** allows producers to select Angus genetics that will perform more efficiently in a feedlot. It provides an EPD to identify cattle that, with a given quantity of feed, will still perform well. The individual intake data and genomic information on dry-matter intake in a genetic evaluation gives beef producers a valuable tool to select for more feed efficient genetics.



Pen: M NICHOLS HORIZON D274

ID: D274 birth 3/29/16

MCC DAYBREAK
 G A R SUNRISE
 G A R OBJECTIVE R227
 NICHOLS EXTRA K205
 NICHOLS QUEEN S164
 NICHOLS QUEEN K288

Individual Performance:

BW 205 Wt **ADG** **Yrl. Wt**
94 **774** **3.63** **1347**

Expected Progeny Differences: EPDs

CED **BW** **WW** **YW** **RADG** **CEM** **MM** **\$W** **\$FL** **\$B**
+1 **+3.7** **+57** **+96** **+23** **+9** **+26** **\$46** **\$53** **\$126**

Carcass Merit EPDs:

Marb **REA** **Fat** **Calving Ease** **Price**
.55 **.52** **-.012** **Cows** **\$4,500**

Pen: N NICHOLS KING D393

ID: D393 birth 4/26/16

A A R TEN X 7008 S A
 NICHOLS KING A263
 NICHOLS RITA U335
 NICHOLS EXTRA K205
 NICHOLS RITA R30
 NICHOLS RITA M264

Individual Performance:

BW 205 Wt **ADG** **Yrl. Wt**
76 **626** **3.48** **1080**

Expected Progeny Differences: EPDs

CED **BW** **WW** **YW** **RADG** **CEM** **MM** **\$W** **\$FL** **\$B**
+7 **+7** **+40** **+84** **+21** **+11** **+23** **\$32** **\$35** **\$129**

Carcass Merit EPDs:

Marb **REA** **Fat** **Calving Ease** **Price**
.47 **.37** **-.02** **Heifers** **\$3,500**

Heifer Pregnancy Evaluation (HP)

Heifer pregnancy (HP) EPDs characterize differences among sires in the Angus breed for daughter's heifer pregnancy. When comparing two sires based on their heifer pregnancy EPDs (reported in units of percentage), a higher EPD sire would be expected to have daughters with a greater probability or chance of becoming pregnant than a sire with the lower EPD.

Pen O —Nichols Angus Bulls —

Pen: O NICHOLS EXTRA D191

ID: D191 birth 3/25/16

NICHOLS EXTRA K205
K C F BENNETT SOUTHSIDE
K C F MISS 208 S11
NICHOLS DIRECTION L84
NICHOLS BLACKBIRD W91
NICHOLS BLACKBIRD T321

Individual Performance:

BW 205 Wt ADG Yrl. Wt
89 624 4.10 1274

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+3	+3.9	+51	+101	+29	+8	+30	\$40	\$69	\$119

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
.53	.37	.013	Cows	\$3,500

Pen: O NICHOLS STANDARD D337

ID: D337 birth 4/5/16

CHERRY CRK HIGHER STANDARD
NICHOLS HIGH STANDARD B10
NICHOLS PRIDE Z427
NICHOLS QUIET LAD T9
NICHOLS LULA W5
NICHOLS LULA T99

Individual Performance:

BW 205 Wt ADG Yrl. Wt
85 635 4.43 1339

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+1	+3.5	+37	+91	+20	+5	+29	\$28	\$55	\$105

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
.31	-.04	.044	Cows	\$3,500

Pen: O NICHOLS STEADFAST D394

ID: D394 birth 4/28/16

NICHOLS STEADFAST T139
NICHOLS STEADFAST Z188
NICHOLS BLACKCAP T132
NICHOLS NEXT STEP T63
NICHOLS ELBA LASS X231
NICHOLS ELBA LASS U301

Individual Performance:

BW 205 Wt ADG Yrl. Wt
80 717 3.32 1245

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+2	+2.5	+53	+93	+22	+7	+21	\$43	\$52	\$114

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
.31	.13	.014	Cows	\$4,000

Pen: O NICHOLS KING D229

ID: D229 birth 3/28/16

MYTTY IN FOCUS
A A R TEN X 7008 S A
A A R LADY KELTON 5551
NICHOLS DIRECTION U70
NICHOLS LULA Y75
NICHOLS LULA U57

Individual Performance:

BW 205 Wt ADG Yrl. Wt
82 672 3.72 1261

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+11	-.5	+50	+95	+24	+10	+23	\$47	\$57	\$121

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
.68	.19	-.012	Cows	\$4,000

Pen: O NICHOLS HIGH STANDARD D346

ID: D346 birth 4/8/16

CHERRY CRK HIGHER STANDARD
NICHOLS HIGH STANDARD B10
NICHOLS PRIDE Z427
NICHOLS DESIGN S213
NICHOLS LULA W120
NICHOLS LULA P263

Individual Performance:

BW 205 Wt ADG Yrl. Wt
83 697 3.80 1255

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+2	+2.8	+45	+90	+20	+6	+28	\$37	\$52	\$100

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
.44	-.06	.051	Cows	\$4,000

Pen: O NICHOLS QUIET LAD D456

ID: D456 birth 4/1/16

NICHOLS QUIET LAD T9
NICHOLS QUIET LAD X42
NICHOLS BLACKCAP U137
NICHOLS EXTRA P296
ASF PINE LADY 959
ASF PINE LADY 471

Individual Performance:

BW 205 Wt ADG Yrl. Wt
86 648 4.20 1246

Expected Progeny Differences: EPDs

CED	BW	WW	YW	RADG	CEM	MM	\$W	\$FL	\$B
+4	+2.7	+56	+94	+16	+8	+27	\$56	\$44	\$76

Carcass Merit EPDs:

Marb	REA	Fat	Calving Ease	Price
-.06	-.07	.05	Cows	\$4,000

Thanks For Coming!

Nichols Farms
Superior Beef Genetics

2188 Clay Avenue ♦ Bridgewater, IA 50837

office 641-369-2829

Dave's home 712-762-3810

fax 641-369-2932

Ross's cell 641-745-5241

www.nicholsfarms.biz



Gibbs Cattle Co - Harrison, Nebraska

Headquarters for Heterosis

Crossbred cows producing Composite sired calves provide a **23.3% Improvement in Pounds of Weaned Calf** per cow exposed over straight bred cows and calves!

— USDA Meat Animal Research Center

Nichols Hybrids and Composites are the result of crossing two or more pure lines in specific crosses to maximize the best traits of the grandparent lines. All Nichols lines are black and polled.

A Composite bull's heterosis (cross bred vigor) is

transmitted to his offspring. Plus, his calves are more uniform in type, performance, and carcass characteristics than back crossing purebreds.

Virtually all poultry, swine, and grain genetics are the result of systematic composite breeding.

PURE LINES

AN = PUREBRED ANGUS

—100% British

SM = PUREBRED SIMMENTALS

—100% Continental

DS = PUREBRED SOUTH DEVON

—100% British

note: *These pedigrees are examples. Nichols Composites' sires and dams may be reciprocal crosses. This does not effect their breed %, performance, phenotype, quality, carcass traits, or transferable heterosis.

F-1 HYBRIDS

SX1 = PB ANGUS by PB SIMMENTAL

Nichols PB Angus

Nichols SX1

Nichols PB Simmental

—*50% British - 50% Continental

DX1 = PB SOUTH DEVON by PB ANGUS

Nichols PB South Devon

Nichols DX1

Nichols PB Angus

—*100% British

F-2 COMPOSITES

DAX2 = DX1 by SX1

Nichols PB South Devon

Nichols DX1

Nichols PB Angus

Nichols DAX2

Nichols PB Angus

Nichols SX1

Nichols PB Simmental

—*75% British - 25%Continental