

# 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



**Nichols SX1 Hybrids** 9/23/17

# 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, OH, and PH by pedigree or DNA test**

**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

## Sim/Angus \$\$ Value EPDs

**All-Purpose Index (API\$)** calculates a \$ per head difference in the progeny of sires that are used on an entire cow herd with their daughters required to maintain herd size retained and the remaining heifers and steers put on feed and sold grade and yield.

**Terminal Index (TI\$)** calculates a \$ per head difference in the progeny of sires for use on mature cows with all offspring put on feed and sold grade and yield. Consequently maternal traits such as milk, stability, and maternal calving ease are not in the index. Similar to Angus (\$B).

## 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

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# PEN D — Nichols Hybrid SX1 Bulls —



Nichols Good As Gold Z103 is a frame 6.3 ANGUS POWER BULL that's pictured at 45 days of breeding cows on fescue pasture. He's in the top 10% for Wean wt, Yearling wt, Docility, \$Feedlot, Carcass wt and \$Beef EPDs.

### production

### carcass

BW	WW	MM	YRL	RADG	MARB	REA	FAT	\$F	\$QG	\$B
+4	+67	+16	+125	+26	-.12	+.88	-.01	+\$87	-\$2	+\$132

Pen: D NICHOLS BEEFMAKER SXD182

ID: D182 birth 4/7/16

NICHOLS MANIFEST Y43  
NICHOLS MANIFEST B221  
NICHOLS MCM Y103  
NICHOLS EXTRA R209  
NICHOLS PRIDE T300  
NICHOLS PRIDE N208

#### Individual Performance:

BW	205 Wt	ADG	Yrl. Wt
93	731	3.78	1333

#### Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MW	%	Color	Poll
+7.4	+3.1	+66	+110	+7.8	+25	+58	SX1	hom	P

#### Carcass Merit EPDs:

Marb	REA	Fat	API	TI	Price
.56	.09	-.030	123	71	\$4,500

Pen: D NICHOLS BEEFMAKER SXD203

ID: D203 birth 4/13/16

NICHOLS MANIFEST Y43  
NICHOLS MANIFEST B221  
NICHOLS MCM Y103  
CONNEALY DANNY BOY  
NICHOLS LULA X74  
NICHOLS LULA U7

#### Individual Performance:

BW	205 Wt	ADG	Yrl. Wt
93	774	4.51	1412

#### Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MW	%	Color	Poll
+7.7	+2.5	+73	+127	+7.	+21	+58	SX1	hom	P

#### Carcass Merit EPDs:

Marb	REA	Fat	API	TI	Price
.26	.58	-.034	116	69	\$4,500

**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 Manifest T79 may be the greatest PB Simmental sire ever bred by Nichols Farms. His EPDs rank him in the top 10% of the breed for Wean wt, ADG, Year wt, MCE, MWW, CW, Marb, Shr, \$API and \$TI.



### production

### carcass

CE	BW	WW	YRL	MCE	MM	MWW	MARB	REA	SAPI	STI
+9	+1.9	+75	+124	+12	+20	+58	+.28	+.8	140	78

Pen: D NICHOLS BEEFMAKER SXD202

ID: D202 birth 4/12/16

NICHOLS MANIFEST Y43  
NICHOLS MANIFEST B221  
NICHOLS MCM Y103  
NICHOLS DIRECTION S63  
NICHOLS IMOGENE U71  
NICHOLS IMOGENE R357

#### Individual Performance:

BW	205 Wt	ADG	Yrl. Wt
89	788	3.27	1312

#### Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MW	%	Color	Poll
+8.2	+1.3	+62	+99	+5.3	+27	+58	SX1	hom	P

#### Carcass Merit EPDs:

Marb	REA	Fat	API	TI	Price
.27	.43	.017	114	64	\$4,500

Pen: D NICHOLS BEEFMAKER SXD207

ID: D207 birth 4/12/16

NICHOLS STEADFAST T139  
NICHOLS STEADFAST Z117  
NICHOLS COW M421  
NICHOLS SHANNIGAN N89  
NICHOLS QUEEN S178  
NICHOLS QUEEN L39

#### Individual Performance:

BW	205 Wt	ADG	Yrl. Wt
87	694	4.32	1355

#### Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MW	%	Color	Poll
+5.5	+1.9	+64	+119	+10	+8	+40	SX1	het	S

#### Carcass Merit EPDs:

Marb	REA	Fat	API	TI	Price
.07	.15	-.033	107	61	\$4,500

## What is a Nichols Hybrid Bull?

Nichols' Hybrids are the result of crossing two Registered Purebred parents to combine the best traits of two breeds. Their predicted EPDs are as accurate as purebreds.

A Nichols Hybrid bull's heterosis (cross bred vigor) is transmitted to his offspring. Plus, his calves are more uniform than back crossing purebreds. Virtually all poultry, swine, and grain genetics are the result of systematic composite breeding.

**PEN E — Nichols Hybrid SX1 Bulls —**

**Pen: E NICHOLS BEEFMAKER SXD178**

**ID: D178** birth 4/6/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**89 793 3.06 1276**

NICHOLS VENOM T107  
 NICHOLS VENOM W95  
 NICHOLS MISS K130  
 NICHOLS DESIGN N227  
 NICHOLS HEIRESS T112  
 NICHOLS HEIRESS K247

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+9 +.8 +47 +69 +9.1 +23 +46 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.61 .28 .041 136 66 Price \$4,000**

**Pen: E NICHOLS BEEFMAKER SXD258**

**ID: D258** birth 4/24/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**80 662 3.93 1263**

NICHOLS STEADFAST T139  
 NICHOLS STEADFAST Z117  
 NICHOLS COW M421  
 NICHOLS VENOM T107  
 NICHOLS LINDEN W69  
 NICHOLS LINDEN M50

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+5.7 +1.4 +52 +88 +6.7 +7.3 +38 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.43 .45 -.009 115 64 Price \$4,000**

**Pen: E NICHOLS BEEFMAKER SXD216**

**ID: D216** birth 4/14/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**83 650 3.30 1156**

NICHOLS IDEAL Z286  
 NICHOLS IDEAL B77  
 NICHOLS QUEEN R327  
 NICHOLS SENSATION K45  
 NICHOLS CEZ M214  
 NICHOLS CEZ F131

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+3.1 +1.2 +53 +81 +4.0 +14 +41 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.13 .28 -.067 104 56 Price \$3,500**

**Pen: E NICHOLS BEEFMAKER SXD180**

**ID: D180** birth 4/7/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**89 672 4.43 1379**

NICHOLS MANIFEST Y43  
 NICHOLS MANIFEST B221  
 NICHOLS MCM Y103  
 NICHOLS DESIGN N227  
 NICHOLS BARBARAMERE T192  
 NICHOLS BARBARAMERE P204

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+10.6 +.5 +58 +105 +9.2 +31 +60 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.52 .24 .006 131 70 Price \$4,000**

**Pen: E NICHOLS BEEFMAKER SXD293**

**ID: D293** birth 5/20/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**90 773 3.75 1370**

NICHOLS MANIFEST Y43  
 NICHOLS MANIFEST B237  
 NICHOLS LADY Y112  
 NICHOLS MASSIVE MAN W75  
 NICHOLS LULA Y457  
 NICHOLS LULA U142

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+7.7 +1.8 +61 +104 +7.4 +27 +58 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.46 .37 .006 136 70 Price \$4,000**

**Pen: E NICHOLS BEEFMAKER SXD244**

**ID: D244** birth 4/29/16

**Individual Performance:**

**BW 205 Wt ADG Yrl. Wt**  
**84 669 3.54 1232**

NICHOLS MANIFEST Y43  
 NICHOLS MANIFEST B221  
 NICHOLS MCM Y103  
 CONNEALY DANNY BOY  
 NICHOLS MISS X32  
 NICHOLS MISS K381

**Expected Progeny Differences: EPDs**

**CED BW WW YW CEM MM MW % Color Poll**  
**+8.6 +1.1 +55 +86 +5.4 +28 +55 SX1 hom P**

**Carcass Merit EPDs:**

**Marb REA Fat API TI**  
**.09 .34 .008 99 55 Price \$3,500**



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