

Nichols Farms

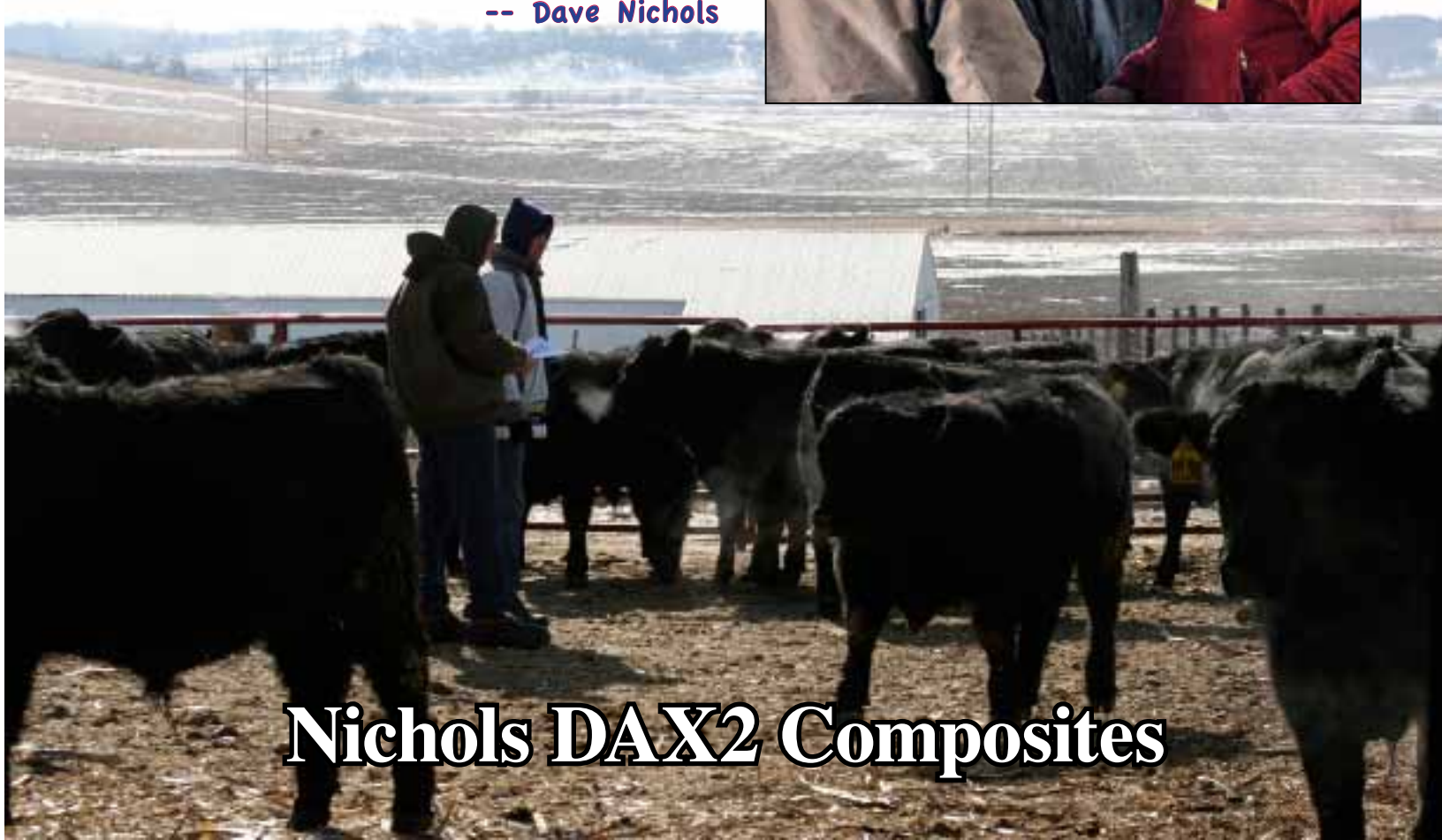
Private Treaty Bull Sale

3-27-20

*67 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. Come take a look at the best beef has to offer and the benefits of being a part of the Nichols family.”

-- Dave Nichols



Nichols DAX2 Composites

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**

What is a Nichols Composite Bull?

Nichols' Composites are the result of crossing two or more pure lines in specific crosses to maximize the best traits of the grandparent lines.

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.

South Devon cattle are an English breed whose traits compliment both English and Continental cattle breeds. They are known for their maternal longevity and docility.

Cow/calf producers that wanted high levels of heterosis, fertility, low feed intake, and high weaning weights found South Devons delivered.

In the nation's feedlots, South Devon cross bred steers have excelled with hybrid vigor, feed efficiency, superior carcass merit, especially marbling and tenderness.

Sale Terms and Conditions - 2020

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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Bull Barn: 641-369-2829

fax: 641-369-2932

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www.nicholsfarms.biz

Nichols DAX2 Composite Bulls



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

Pen F —Nichols Best DAX2 Composite Bulls —

What is a Nichols Composite Bull?

Nichols' Composites are the result of crossing two or more pure lines in specific crosses to maximize the best traits of the grandparent lines.

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.



Nichols Yearling Composite Bull - Harrison NE

Pen F NICHOLS BARON DAG005 #3603202

ID G5	<i>birth date</i> 3/17/19	BC PROGRESS 315U NFL PROGRESS DSB014 NICHOLS BEVERLY NICHOLS QUIET LAD X41 NICHOLS KATO SXE109 NICHOLS KATO S205	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
83	733	3.13	1200

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+5.5	+2.6	+74	+113	+3.9	+15	+52

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$109	\$69

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen F NICHOLS BARON DAG014 #3603204

ID G14	<i>birth date</i> 3/24/19	BC PROGRESS 315U NFL PROGRESS DSB014 NICHOLS BEVERLY NICHOLS KING C71 NICHOLS LULA SXE120 NICHOLS LULA A94	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
83	681	3.23	1160

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+6.1	+2.6	+71	+108	+3.2	+15	+50

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$99	\$65

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen F NICHOLS BARON DAG018 #3603227

ID G18	<i>birth date</i> 3/23/19	NICHOLS BLACK PERFECTION NFL NICHOLS PERFECTION A20 NFL NICHOLS HEIRESS DXY003 NICHOLS DIRECTION S63 NICHOLS BEAUTY SXZ030 NICHOLS BEAUTY R138	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
88	609	4.01	1230

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+7.9	+1.7	+59	+93	+5.2	+16	+45

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$110	\$63

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen F NICHOLS BARON DAG006 #3603221

ID G6	<i>birth date</i> 3/16/19	NICHOLS QUIET LAD Z27 NICHOLS MONEYMAKER DXE003 NFL PERFECTION DSC061 NICHOLS DESIGN S82 NICHOLS BEAUTY SXY069 NICHOLS BEAUTY S247	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
81	670	3.08	1200

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+12.4	+0	+64	+102	+8	+19	+51

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$128	\$69

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen F NICHOLS BARON DAG016 #3603223

ID G16	<i>birth date</i> 3/20/19	NICHOLS QUIET LAD Z27 NICHOLS MONEYMAKER DXE003 NFL PERFECTION DSC061 NICHOLS QUIET LAD T9 NICHOLS FRECKLES SXA065 NICHOLS FRECKLES Y10	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
89	593	4.02	1250

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+10.7	+1.1	+61	+96	+6.4	+21	+51

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$114	\$62

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen F NICHOLS BARON DAG022 #3603261

ID G22	<i>birth date</i> 3/24/19	NICHOLS QUIET LAD Z27 NICHOLS BEEFMAKER SXC080 NICHOLS GALA U10 MMM MAJESTIC Y801 NFL QUEEN MOTHER DXD028 NICHOLS QUEEN MOTHER T147	
Individual Performance:			
<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
78	666	4.36	1280

Expected Progeny Differences: EPDs

<i>CED</i>	<i>BW</i>	<i>WW</i>	<i>YW</i>	<i>CEM</i>	<i>MM</i>	<i>MWW</i>
+9.4	+8	+57	+87	+5.1	+20	+48

Economic Relative \$ Indexes

<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$106	\$61

Convenience Traits

<i>Black Color</i>	<i>%</i>
hom	DAX2
Price\$4,500	

Pen H — Nichols Best DAX2 Composite Bulls —

Pen F NICHOLS BARON DAG025 #3603229

ID G25 birth date **3/25/19**
Individual Performance:

BW	205	ADG	Mar Wt
86	617	4.08	1240

NFL PROGRESS DSB014
 NICHOLS MONEYMAKER DXD053
 NICHOLS BARBARAMERE W215
 NICHOLS NEXT STEP U122
 NICHOLS BEAUTY SXX077
 NICHOLS BEAUTY S49

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+7.9	+1.4	+66	+102	+3.8	+17	+50

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$102	\$65

Convenience Traits

Black Color	%
hom	DAX2

Price\$4,500

Pen F NICHOLS BARON DAG092 #3603212

ID G92 birth date **4/16/19**
Individual Performance:

BW	205	ADG	Mar Wt
78	694	3.76	1210

NFL PROGRESS DSB014
 NFL PROGRESS DSE075
 NFL NICHOLS LAS DXB001
 NICHOLS EXTRA R46
 NICHOLS BELL SXX039
 NICHOLS BELLE R98

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+12.3		+1.0	+57	+88	+7.8	+19 +47

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$122	\$65

Convenience Traits

Black Color	%
hom	DAX2

Price\$4,500

Pen F NICHOLS BARON DAG098 #3603267

ID G98 birth date **4/17/19**
Individual Performance:

BW	205	ADG	Mar Wt
71	698	4.01	1200

NICHOLS QUIET LAD Z27
 NICHOLS BEEFMAKER SXC080
 NICHOLS GALA U10
 MMM MAJESTIC Y801
 NFL BARBARA DXD027
 NICHOLS MISS BARBARA Y257

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10.8		+0.3	+56	+86	+5.9	+21 +49

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$110	\$63

Convenience Traits

Black Color	%
hom	DAX2

Price\$4,500

Pen F NICHOLS BARON DAG164 #3658882

ID G164 birth date **3/23/19**
Individual Performance:

BW	205	ADG	Mar Wt
75	648	3.26	1125

BC PROGRESS 315U
 NICHOLS BARON DXZ019
 NICHOLS QUEEN MOTHER U85
 NICHOLS REAL QUIET W195
 NICHOLS LULA SXZ124
 NICHOLS LULA SXX109

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+11.6		+0.9	+62	+100	+8.3	+23 +54

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$132	\$69

Convenience Traits

Black Color	%
hom	DAX2

Price\$4,500



Nichols Majestic Y808 standing in "tall Fescue"

BW	WW	MM	YRL	MARB	REA	FAT	CAR WT.	YIELD %
+307	+72	+20	+102	+0.0	+15	+06	+24	-0.1

Pen F NICHOLS BARON DAG095 #3603213

ID G95 birth date **4/14/19**
Individual Performance:

BW	205	ADG	Mar Wt
60	668	3.55	1165

NFL UNTOUCHABLE DSC042
 NFL UNTOUCHABLE DSE011
 NFL MISS DXB020
 NICHOLS BESTEVER X82
 NICHOLS LULA SXZ188
 NICHOLS LULA S345

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+14.6		+3.5	+47	+73	+10.2	+26 +50

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$120	\$63

Convenience Traits

Black Color	%
hom	DAX2

Price\$4,500

Pen F NICHOLS BARON DAG113 #3603246

ID G113 birth date **4/24/19**
Individual Performance:

BW	205	ADG	Mar Wt
86	638	4.16	1220

NICHOLS MAJESTIC Y808
 NICHOLS BARON DXC008
 NICHOLS BARBARAMER Y439
 NICHOLS DIRECTION L90
 NICHOLS LINDEN SXP008
 NICHOLS LINDEN M150

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+7.7	+1.3	+59	+99	+4.5	+22	+51

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$104	\$64

Convenience Traits

Black Color	%
hom	DAX2

Price\$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

Pen G —Nichols Better DAX2 Composite Bulls —



Pen G NICHOLS BARON DAG028 #3603195

ID G28 birth date **4/6/19**
Individual Performance:
 BW 205 ADG Mar Wt
70 651 3.23 1100

MMM UNTOUCHABLE W810
 MJB BLACK JACK 424B
 MJB NIKKI 3657N
 NICHOLS QUIET LAD Z27
 NICHOLS CEZ SXE002
 NICHOLS CEZ C186

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10.8		+0	+59	+95	+6.4	+22 +51

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$119	\$67

Convenience Traits

Black Color	%
het	DAX2
Price\$4,000	

Pen G NICHOLS BARON DAG046 #3603196

ID G46 birth date **3/28/19**
Individual Performance:
 BW 205 ADG Mar Wt
81 618 2.87 1030

MMM UNTOUCHABLE W810
 MJB BLACK JACK 424B
 MJB NIKKI 3657N
 NICHOLS QUIET LAD C365
 NICHOLS LADY SXE160
 NICHOLS LADY Z142

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+6.4	+1.8	+58	+91	+4.7	+22	+50

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$107	\$64

Convenience Traits

Black Color	%
hom	DAX2
Price\$4,000	

Pen G NICHOLS BARON DAG061 #3603197

ID G61 birth date **4/3/19**
Individual Performance:
 BW 205 ADG Mar Wt
73 677 3.03 1100

MMM UNTOUCHABLE W810
 MJB BLACK JACK 424B
 MJB NIKKI 3657N
 NICHOLS QUIET LAD X41
 NICHOLS CEZ SXE177
 NICHOLS CEZ P95

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10.8		+1	+54	+83	+6.4	+22 +49

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$112	\$63

Convenience Traits

Black Color	%
het	DAX2
Price\$4,000	

Pen G NICHOLS BARON DAG086 #3603264

ID G86 birth date **4/13/19**
Individual Performance:
 BW 205 ADG Mar Wt
74 694 3.48 1130

NICHOLS QUIET LAD Z27
 NICHOLS BEEFMAKER SXC080
 NICHOLS GALA U10
 MMM MAJESTIC Y801
 NFL ELBA LASS DXD035
 NICHOLS ELBA LASS Z90

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+12.1		+1.4	+66	+106	+6.9	+20 +53

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$114	\$68

Convenience Traits

Black Color	%
het	DAX2
Price\$4,000	

Pen G NICHOLS BARON DAG099 #3603269

ID G99 birth date **4/17/19**
Individual Performance:
 BW 205 ADG Mar Wt
88 679 3.76 1150

NICHOLS QUIET LAD Z27
 NICHOLS BEEFMAKER SXC080
 NICHOLS GALA U10
 MMM MAJESTIC Y801
 NFL HEIRESS DXD005
 NICHOLS BLK HEIRESS X272

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+6.5	+3.1	+72	+117	+3.6	+18	+54

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$103	\$69

Convenience Traits

Black Color	%
hom	DAX2
Price\$4,000	

Pen G NICHOLS BARON DAG110 #3603214

ID G110 birth date **4/22/19**
Individual Performance:
 BW 205 ADG Mar Wt
83 621 3.26 1060

DS MSG DSE11 & E75
 NICHOLS BESTEVER X82
 NICHOLS BLACKBIRD SXZ202
 NICHOLS BLACKBIRD R194

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+11.5		-.7	+49	+76	+8	+23 +48

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$114	\$61

Convenience Traits

Black Color	%
hom	DAX2
Price\$4,000	

Pen G —Nichols Better DAX2 Composite Bulls —



Nichols Majestic Y808's exceptional muscle and body mass are coupled with trait leader weaning and yearlingwt.EPDs. He'ssupersound and moves like an athlete.

production *carcass*

BW	WW	MM	YRL	MARB	REA	FAT	CAR WT.	YIELD %
+3.7	+72	+20	+115	+0.0	+0.15	+0.06	+24	-0.1

Pen G NICHOLS BARON DAG127 #3603251

ID G127 birth date 4/29/19
Individual Performance:
 BW 205 ADG Mar Wt
85 694 3.31 1130

NICHOLS MAJESTIC Y808
 NICHOLS BARON DXC008
 NICHOLS BARBARAMER Y439
 NICHOLS REAL QUIET W195
 NICHOLS CEZ SXA072
 NICHOLS CEZ SXX069

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+9.5 +2.0 +68 +112 +5.8 +22 +56

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$126 \$69 hom DAX2
 Price\$4,000

Pen G NICHOLS BARON DAG146 #3625758

ID G146 birth date 3/25/19
Individual Performance:
 BW 205 ADG Mar Wt
84 682 2.60 1100

NFL PROGRESS DSB014
 NICHOLS MONEYMAKER DXD053
 NICHOLS BARBARAMERE W215
 NICHOLS QUIET LAD T9
 NICHOLS RUBY SXY002
 NICHOLS RUBY W24

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+10.0 +2 +63 +102 +5.9 +22 +53

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$103 \$63 hom DAX2
 Price\$4,000

Pen G NICHOLS BARON DAG125 #3603217

ID G125 birth date 4/29/19
Individual Performance:
 BW 205 ADG Mar Wt
84 622 3.55 1100

NFL UNTOUCHABLE DSC042
 NFL UNTOUCHABLE DSE011
 NFL MISS DXB020
 NICHOLS EXTRA P296
 NICHOLS GALE T122
 NICHOLS GALE J74

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+10.9 +.6 +51 +81 +7.9 +20 +45

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$105 \$58 hom DAX2
 Price\$4,000

Pen G NICHOLS BARON DAG133 #3603255

ID G133 birth date 5/3/19
Individual Performance:
 BW 205 ADG Mar Wt
80 652 3.45 1100

NICHOLS MAJESTIC Y808
 NICHOLS BARON DXC008
 NICHOLS BARBARAMER Y439
 NICHOLS EXTRA X78
 NICHOLS FRECKLES SXZ204
 NICHOLS FRECKLES X25

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+12.3 +.3 +57 +91 +7.9 +17 +46

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$136 \$71 hom DAX2
 Price\$4,000

Pen G NICHOLS BARON DAG163 #3658881

ID G163 birth date 3/27/19
Individual Performance:
 BW 205 ADG Mar Wt
89 655 3.89 1180

BC PROGRESS 315U
 NICHOLS BARON DXZ019
 NICHOLS QUEEN MOTHER U85
 NICHOLS QUIET LAD X232
 NICHOLS LADY SXZ152
 NICHOLS LADY SXR002

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+9.1 +.5 +51 +82 +6.8 +19 +45

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$92 \$54 hom DAX2
 Price\$4,000



South Devon Composite Steers



***Feed Conversion Details ♦ October 23 - January 3 (72 days)**

<i>Breed</i>	<i>Feed Intake (dry)</i>	<i>dry Feed/Lb. of Gain</i>	<i>Cost/Lb./Gain</i>
Angus	17.08	4.72	\$0.51
Simmental	18.46	5.10	\$0.54
SX1	16.88	4.51	\$0.47
South Devon	16.41	5.05	\$0.48
NF DAX 2	16.61	4.07	\$0.37
average	17.07	4.69	\$0.49

***TMR Ration Details**

<i>Discription</i>	<i>Dry Matter (%)</i>	<i>Lbs./day/bull</i>	<i>% Ration</i>
Distillers Syrup	25.00	1.48	8.72
Ground Hay	85.00	3.79	22.22
Earlage	65.00	8.29	48.84
Corn	86.00	1.28	7.50
Modified Distillers	43.00	1.28	7.50
ADM Amino Gain	99.00	0.95	5.52

* The Nichols bull ration is a wet, 41% moisture and 21% roughage ration designed to maximize lean gain and proper structural development of breeding bulls. The average daily feed cost for these bulls was \$1.87. Their cost per lb. of gain of \$0.49. The USA average feed conversion for implanted feedlot beef breed steers on a 95% concentrate dry ration is 6.1 lbs. of feed per lb. of gain.