

Nichols Farms

Private Treaty Bull Sale

67 Years of 3-26-20
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



Pure bred Simmentals

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**

Simmental \$\$ 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 (\$Beef).**

Genomic Tested Trait = Progeny Equivalents

Calving Ease Direct	28
Birth Weight	21
Weaning Weight	26
Yearling Weight	11
Docility	10
Heifer Pregnancy	14
Calving Ease Maternal	18
Carcass Marbling	9
Carcass Ribeye area	12

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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www.nicholsfarms.biz

Pen B —Nichols Best Sim Bulls —



Steelman was the very first homozygous polled pure bred Simmental bull. Lee Nichols purchased him in 1979 for \$3,500. He would take the horns off and fix the udder on any cow's calf. Leased to Tri-State.

production

carcass

CE	BW	WW	Yrl	MCE	MM	MWW	MARB	REA	SAPI	STI
+7.5	+2.5	+40	+57	+3.5	+27	+47	+0.07	+0.48	+105	+52



Black Diamond was the very first black polled pure bred (94%) Simmental bull. Dave Nichols bought him in 1976 for \$3,000. His birth wt. of 76 lbs and his frame score of six was critical. Today about 85% of the Simmental breed traces to Nichols genetics.

production

carcass

CE	BW	WW	Yrl	MCE	MM	MWW	MARB	REA	SAPI	STI
+4.2	+109	+56	+69	-7.4	+18	+42	-.12	+0.77	+109	+52

from: *Simmentals American Journey

Although various people were moving toward black polled non-diluter Simmentals—two breeders stood out in this movement—Jim Taylor and Dave Nichols. In the 70s both started breeding black, polled, non-diluter cattle on independent courses.

Nichols put his priority on polled, followed by black and non-diluter. Taylor had black non-diluter and then polled. In addition both

breeders were selecting for moderate framed performance cattle during the time the large frame race was in full swing.

Neither operation was breeding to sell high dollar seedstock, but were instead... solely focused on servicing their commercial customers. It's estimated that 85% of today's Simmentals trace back to Black Diamond and Steelman.

—by Bob Hough

Pen B NICHOLS VARSITY SMG008 #3602539

ID G8	birth date 3/14/19	GIBBS 0689X CRIMSON TIDE NICHOLS VARSITY C16 NICHOLS CEZ T4 NICHOLS QUIET LAD A67 NICHOLS MS ONYX SXC122 NICHOLS MS ONYX Z55
Individual Performance:		
BW	205	ADG
90	652	3.48
Mar	Wt	1230

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10	+2.2	+65	104	+6.6	+24	+56

Economic Relative \$ Indexes	Convenience Traits
\$All Purpose (API)	\$ Terminal (TI)
\$117	\$64
Black Color	%
hom	75
Price\$4,500	

Pen B NICHOLS ALLEGIANCE SMG045 #3602505

ID G45	birth date 3/23/19	SVF ALLEGIANCE Y802 HLNS ALLEGIANCE 15D CR MS MANIFEST Z26 NICHOLS LEGEND P150 NICHOLS BARB A48 NICHOLS BARB SXP076
Individual Performance:		
BW	205	ADG
76	636	3.55
Mar	Wt	1225

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10	+1.8	+78	119	+6.1	+23	+61

Economic Relative \$ Indexes	Convenience Traits
\$All Purpose (API)	\$ Terminal (TI)
\$123	\$74
Black Color	%
hom	PB
Price\$4,500	

Pen B NICHOLS VARSITY SMG056 #3602541

ID G56	birth date 3/25/19	GIBBS 0689X CRIMSON TIDE NICHOLS VARSITY C16 NICHOLS CEZ T4 NICHOLS QUIET LAD Z228 NICHOLS KELLY SXB150 NICHOLS KELLY P25
Individual Performance:		
BW	205	ADG
82	682	3.03
Mar	Wt	1180

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10	+1.4	+63	104	+6.9	+26	+57

Economic Relative \$ Indexes	Convenience Traits
\$All Purpose (API)	\$ Terminal (TI)
\$123	\$67
Black Color	%
hom	75
Price\$4,500	

Pen B NICHOLS VARSITY SMG070 #3602542

ID G70	birth date 3/26/19	GIBBS 0689X CRIMSON TIDE NICHOLS VARSITY C16 NICHOLS CEZ T4 NICHOLS QUIET LAD T9 NICHOLS KELLY SXZ002 NICHOLS KELLY X5
Individual Performance:		
BW	205	ADG
76	682	3.68
Mar	Wt	1305

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+11	+0.6	+66	112	+6.2	+26	+59

Economic Relative \$ Indexes	Convenience Traits
\$All Purpose (API)	\$ Terminal (TI)
\$120	\$66
Black Color	%
hom	75
Price\$4,500	

Pen B —Nichols Best Sim Bulls —



HLNS Allegiance is a blaze faced Pure Bred Simmental bull that can do it ALL. His Epds are in the top 4% for Wean wt. Yearling wt, ADG, Maternal Weaning wt. and Carcass weight.

production

carcass

CE	BW	WW	Yrl	MCE	MM	MWW	MARB	REA	\$API	\$TI
+12	+1.4	+85	+138	+7.4	+26	+68	-.04	+1.95	126	80

Pen B NICHOLS UPGRADE SMG104 #3602582

ID G104 birth date **3/31/19**
Individual Performance:

BW	205	ADG	Mar Wt.
98	675	3.72	1240

K-LER JAMES BOND 007
 NICHOLS BOND C66
 NICHOLS ONYX T88
 NICHOLS LEGACY M72
 NICHOLS MCM X22
 NICHOLS MCM S17

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+4	+4.6	+71	111	+3.2	+26	+61

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$115	\$65

Convenience Traits

Black Color	%
hom	PB

Price\$4,500

Pen B NICHOLS VARSITY SMG157 #3602549

ID G157 birth date **4/4/19**
Individual Performance:

BW	205	ADG	Mar Wt.
97	638	4.43	1360

GIBBS 0689X CRIMSON TIDE
 NICHOLS VARSITY C16
 NICHOLS CEZ T4
 NICHOLS OVERLOAD Z17
 NICHOLS HEIRESS SXC263
 NICHOLS BLK HEIRESS W173

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+8	+3.5	+62	106	+5.2	+28	+59

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$113	\$65

Convenience Traits

Black Color	%
hom	75

Price\$4,500

Pen B NICHOLS VARSITY SMG173 #3602566

ID G173 birth date **4/6/19**
Individual Performance:

BW	205	ADG	Mar Wt.
79	791	2.72	1170

GIBBS 0689X CRIMSON TIDE
 NICHOLS VARSITY C4
 NICHOLS GALANT U74
 NICHOLS BOND Z131
 NICHOLS DEL REL D44
 NICHOLS DEL REL Z23

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10	+1.5	+81	127	+5.3	+21	+61

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$128	\$77

Convenience Traits

Black Color	%
hom	PB

Price\$4,500

Pen B NICHOLS BOND SMG073 #3602592

ID G73 birth date **3/27/19**
Individual Performance:

BW	205	ADG	Mar Wt.
82	671	3.59	1240

NICHOLS BOND Z131
 NICHOLS BOND D249
 NICHOLS GALA Z38
 NICHOLS EXTRA R46
 NICHOLS MISS SXU145
 NICHOLS MISS K130

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+11	+1.1	+62	99	+7.4	+23	+54

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$127	\$66

Convenience Traits

Black Color	%
hom	75

Price\$4,500

Pen B NICHOLS VARSITY SMG117 #3602548

ID G117 birth date **4/1/19**
Individual Performance:

BW	205	ADG	Mar Wt.
79	726	3.07	1200

GIBBS 0689X CRIMSON TIDE
 NICHOLS VARSITY C16
 NICHOLS CEZ T4
 NICHOLS QUIET LAD Z27
 NICHOLS BEAT SXC005
 NICHOLS BEAT A56

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+10	+1.9	+70	119	+6.3	+24	+59

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$127	\$70

Convenience Traits

Black Color	%
hom	75

Price\$4,500

Pen B NICHOLS ALLEGIANCE SMG171 #3602515

ID G171 birth date **4/6/19**
Individual Performance:

BW	205	ADG	Mar Wt.
79	694	3.39	1225

SVF ALLEGIANCE Y802
 HLNS ALLEGIANCE 15D
 CR MS MANIFEST Z26
 NICHOLS VENOM W95
 NICHOLS BONNIE Z126
 NICHOLS BONNIE W111

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+12	+1.	+73	109	+7.5	+23	+59

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$127	\$72

Convenience Traits

Black Color	%
hom	PB

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 B —Nichols Best Sim Bulls —



Pen B NICHOLS VARSITY SMG183 #3602567

ID G183 birth date **4/8/19**
Individual Performance:

BW	205	ADG	Mar. Wt.
79	749	3.11	1165

GIBBS 0689X CRIMSON TIDE
 NICHOLS VARSITY C4
 NICHOLS GALANT U74
 NICHOLS OVERLOAD Z66
 NICHOLS DEL REL D176
 NICHOLS DEL REL Z122

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+9	+1.5	+75	119	+4.8	+24	+61

<i>Economic Relative \$ Indexes</i>		<i>Convenience Traits</i>	
\$All Purpose (API)	\$ Terminal (TI)	Black Color	%
\$126	\$73	hom	PB
		Price\$4,500	

Pen B NICHOLS BOND SMG259 #3602577

ID G259 birth date **5/23/19**
Individual Performance:

BW	205	ADG	Mar. Wt.
91	891	3.82	1230

K-LER JAMES BOND 007
 NICHOLS BOND C66
 NICHOLS ONYX T88
 NICHOLS MANIFEST T79
 NICHOLS MARIA A27
 NICHOLS MARIA S22

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+5	+4.6	+91	143	+5.	+19	+64

<i>Economic Relative \$ Indexes</i>		<i>Convenience Traits</i>	
\$All Purpose (API)	\$ Terminal (TI)	Black Color	%
\$128	\$79	hom	PB
		Price\$4,500	

Pen B NICHOLS TOP CUT SMG190 #3602608

ID G190 birth date **4/10/19**
Individual Performance:

BW	205	ADG	Mar. Wt.
75	711	3.82	1265

CCR COWBOY CUT 5048Z
 NICHOLS TOP CUT D69
 NICHOLS LADY B110
 NICHOLS BEEFMAKER R12
 NICHOLS FRECKLES SXD001
 NICHOLS FRECKLES SXB001

Expected Progeny Differences: EPDs

CED	BW	WW	YW	CEM	MM	MWW
+11	+3	+74	114	+7.1	+25	+62

<i>Economic Relative \$ Indexes</i>		<i>Convenience Traits</i>	
\$All Purpose (API)	\$ Terminal (TI)	Black Color	%
\$136	\$75	hom	75
		Price\$4,500	

Nichols Upgrade B31 is a "Super Sound" PB Simmental Power Bull that thrives on Fescue pastures. His astounding Epds rank him in the top 1% for Wean, Year, Maternal Wean wt, Top 2% for Carcass wt.



<i>production</i>							<i>carcass</i>			
CE	BW	WW	YrI	MCE	MM	MWW	MARB	REA	API	TI
+7	+3.1	+91	+131	+4	+26	+71	+2	+94	119	81

Pen C — Nichols Good & Better Sim



Nichols Farms
Superior Beef Genetics

Pen C NICHOLS SPOTLIGHT SMG010 #3602527

ID G10 birth date **3/14/19**
Individual Performance:
 BW 205 ADG Mar Wt
85 662 3.24 1170

HOOKS SHEAR FORCE 38K
 HOOK'S BEACON 56B
 HOOKS ZAFIRAH 41Z
 NICHOLS OVERLOAD Z17
 NICHOLS KELLY SME080
 NICHOLS KELLY SXB150

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+15 -7 +66 101 +9.9 +28 +61

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$156 \$81 hom PB

Price\$4,000

Pen C NICHOLS SPOTLIGHT SMG011 #3602528

ID G11 birth date **3/16/19**
Individual Performance:
 BW 205 ADG Mar Wt
79 680 2.77 1100

HOOKS SHEAR FORCE 38K
 HOOK'S BEACON 56B
 HOOKS ZAFIRAH 41Z
 NICHOLS MANIFEST T79
 NICHOLS CEZ SME135
 NICHOLS CEZ A64

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+14 -.4 +70 108 +9. +26 +61

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$158 \$83 hom PB

Price\$4,000

Pen C NICHOLS ALLEGIANCE SMG012 #3602496

ID G12 birth date **3/16/19**
Individual Performance:
 BW 205 ADG Mar Wt
78 617 3.43 1140

SVF ALLEGIANCE Y802
 HLNS ALLEGIANCE 15D
 CR MS MANIFEST Z26
 HOOK'S BEACON 56B
 NICHOLS LADY SME026
 NICHOLS LADY Y71

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+13 -9 +70 108 +10.4 +26 +60

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$152 \$80 hom PB

Price\$4,000

Pen C NICHOLS SPOTLIGHT SMG048 #3602531

ID G48 birth date **3/17/19**
Individual Performance:
 BW 205 ADG Mar Wt
74 736 2.11 1040

HOOKS SHEAR FORCE 38K
 HOOK'S BEACON 56B
 HOOKS ZAFIRAH 41Z
 NICHOLS BOND C66
 NICHOLS TOPAZ SME050
 NICHOLS TOPAZ B48

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+9 +1.3 +58 95 +5.9 +25 +54

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$115 \$62 hom PB

Price\$4,000

Pen C NICHOLS ALLEGIANCE SMG050 #3602508

ID G50 birth date **3/20/19**
Individual Performance:
 BW 205 ADG Mar Wt
84 667 3.31 1205

SVF ALLEGIANCE Y802
 HLNS ALLEGIANCE 15D
 CR MS MANIFEST Z26
 SS EBONY'S GRANDMASTER
 NICHOLS KELLY Y7
 NICHOLS KELLY W148

Expected Progeny Differences: EPDs
 CED BW WW YW CEM MM MWW
+9 +1.9 +77 120 +5. +19 +57

Economic Relative \$ Indexes *Convenience Traits*
 \$All Purpose (API) \$ Terminal (TI) Black Color %
\$127 \$73 hom PB

Price\$4,000

Nichols Manifest T79 may be the greatest PB Simmental sire ever bred by Nichols Farms. His EPDs rank him in the top 1% for Wean wt, ADG and top 15% for Year wt, MCE, MWW, CW, Shear, SAPI and \$TI.



production							carcass			
CE	BW	WW	YrI	MCE	MM	MWW	MARB	REA	SAPI	\$TI
+9	+2.1	+77	+127	+15	+21	+59	+3.1	+8	142	81

Pen C — Nichols Good & Better Sim

Pen C **NICHOLS BOND SMG082** #3602593

ID G82 *birth date* **3/24/19**

<i>Individual Performance:</i>	NICHOLS BOND Z131 NICHOLS BOND D249 NICHOLS GALA Z38 NICHOLS PERFORMA D162 NICHOLS DIA SXP098 NICHOLS BLK DIAMOND M109
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
93	645	4.21	1300

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	+6	+68	104	+7.3	+24	+58

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$131	\$72
	<i>Black Color</i>
	hom
	<i>%</i>
	75
	Price\$4,000



**HLNS Alle-
giance is a
blaze faced
Pure Bred
Simmental bull
that can do it
ALL. His Epds
are in the top
4% for Wean
wt. Yearling wt,
ADG, Maternal
Weaning wt.
and Carcass
weight.**

production *carcass*

<i>CE</i>	<i>BW</i>	<i>WW</i>	<i>YRL</i>	<i>MCE</i>	<i>MM</i>	<i>MWW</i>	<i>MARB</i>	<i>REA</i>	<i>SAPI</i>	<i>STI</i>
+12	+1.4	+85	+138	+7.4	+26	+68	-.04	+1.95	126	80

Pen C **NICHOLS VARSITY SMG122** #3602560

ID G122 *birth date* **3/31/19**

<i>Individual Performance:</i>	GIBBS 0689X CRIMSON TIDE NICHOLS VARSITY C4 NICHOLS GALANT U74 NICHOLS BOND Z131 NICHOLS GALANT D7 NICHOLS GALANT W12
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
91	720	3.44	1220

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>
+8	+2.6	+64	106	+5.5	+22	+54

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$117	\$64
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C **NICHOLS BOND SMG203** #3602575

ID G203 *birth date* **4/2/19**

<i>Individual Performance:</i>	K-LER JAMES BOND 007 NICHOLS BOND C66 NICHOLS ONYX T88 NICHOLS MANIFEST T79 NICHOLS MS ONYX A63 NICHOLS MS ONYX S81
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
89	651	4.26	1270

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	+3.4	+79	120	+4.6	+27	+66

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$112	\$69
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C **NICHOLS ALLEGIANCE SMG098** #3602605

ID G98 *birth date* **3/28/19**

<i>Individual Performance:</i>	CCR COWBOY CUT 5048Z NICHOLS TOP CUT D69 NICHOLS LADY B110 NICHOLS OVERLOAD Z17 NICHOLS GALE D106 NICHOLS GALE A18
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
98	755	3.23	1225

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	+1.7	+58	94	+5.5	+23	+52

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$119	\$61
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C **NICHOLS VARSITY SMG099** #3602558

ID G99 *birth date* **3/30/19**

<i>Individual Performance:</i>	GIBBS 0689X CRIMSON TIDE NICHOLS VARSITY C4 NICHOLS GALANT U74 NICHOLS UPGRADE B31 NICHOLS MCM D10 NICHOLS MCM Z4
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
83	768	3.04	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>
+9	+2.8	+79	123	+6.6	+21	+61

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$130	\$76
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C **NICHOLS BOND SMG199** #3602574

ID G199 *birth date* **4/1/19**

<i>Individual Performance:</i>	K-LER JAMES BOND 007 NICHOLS BOND C66 NICHOLS ONYX T88 JF AMERICAN PRIDE 0987X NICHOLS MISS Z42 NICHOLS MISS DIA K133
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
92	761	3.04	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>
+10	+1.2	+71	106	+4.7	+23	+58

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$128	\$71
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C **NICHOLS UPGRADE SMG252** #3602618

ID G252 *birth date* **4/12/19**

<i>Individual Performance:</i>	NICHOLS UPGRADE B31 NICHOLS UPGRADE D90 NICHOLS RUBY Z78 GIBBS 0689X CRIMSON TIDE NICHOLS BEAT C17 NICHOLS BEAT Y59
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<i>BW</i>	<i>205</i>	<i>ADG</i>	<i>Mar Wt</i>
99	758	3.13	1125

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	+6	+70	105	+7.1	+20	+55

<i>Economic Relative \$ Indexes</i>	<i>Convenience Traits</i>
<i>\$All Purpose (API)</i>	<i>\$ Terminal (TI)</i>
\$129	\$71
	<i>Black Color</i>
	hom
	<i>%</i>
	PB
	Price\$4,000

Pen C — Nichols Good & Better Sim



**Gibbs 0689X
Crimson Tide's
heavy muscle,
plus his Epd's
which rank him
in the top 10%
for Wean wt,
ADG, Year wt,
MCE, MWW, CW,
Marb, Shr, \$API
and \$TI makes
him a "keeper"**

production

carcass

CE	BW	WW	YRL	MCE	MM	MWW	MARB	REA	\$API	\$TI
+5	+2.4	+80	+131	+5	+19	+60	+4.4	+1.0	136	85

Pen C NICHOLS ALLEGIANCE SMG013 #3602497

ID G13 birth date 4/19/19

Individual Performance:

BW	205	ADG	Mar Wt
85	622	2.55	1000

SVF ALLEGIANCE Y802
HLNS ALLEGIANCE 15D
CR MS MANIFEST Z26
NICHOLS MANIFEST Z86
NICHOLS GALANT SME158
NICHOLS GALANT A34

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+13	-.7	+68	104	+8.2	+19	+54

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$127	\$70

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS UPGRADE SMG134 #3602583

ID G134 birth date 5/4/19

Individual Performance:

BW	205	ADG	Mar Wt
90	843	2.60	1240

NICHOLS UPGRADE B95
NICHOLS UPGRADE D219
NICHOLS MARIA SXA082
NICHOLS SHANNIGAN J22
NICHOLS TOPAZ R44
NICHOLS TOPAZ G226

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+7	+2.7	+73	127	+5.9	+27	+63

Economic Relative \$ Indexes

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

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS ALLEGIANCE SMG229 #3602520

ID G229 birth date 5/6/19

Individual Performance:

BW	205	ADG	Mar Wt
79	673	3.28	1140

SVF ALLEGIANCE Y802
HLNS ALLEGIANCE 15D
CR MS MANIFEST Z26
NICHOLS LEGEND P150
NICHOLS BLK DIAMOND A33
NICHOLS BLK DIAMOND T82

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+8	+2.8	+84	130	+5.7	+23	+65

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$135	\$79

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS SPOTLIGHT SMG006 #3602525

ID G6 birth date 4/13/19

Individual Performance:

BW	205	ADG	Mar Wt
82	659	3.05	1130

HOOKS SHEAR FORCE 38K
HOOK'S BEACON 56B
HOOKS ZAFIRAH 41Z
GIBBS 0689X CRIMSON TIDE
NICHOLS FRECKLES SME020
NICHOLS FRECKLES A177

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+15	-2.1	+55	88	+8.9	+27	+54

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$126	\$65

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS VARSITY SMG130 #3602561

ID G130 birth date 4/22/19

Individual Performance:

BW	205	ADG	Mar Wt
86	703	2.47	1045

GIBBS 0689X CRIMSON TIDE
NICHOLS VARSITY C4
NICHOLS GALANT U74
NICHOLS OVERLOAD Z66
NICHOLS BEAUTY D259
NICHOLS BEAUTY S259

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+12	+3	+70	105	+7.9	+22	+57

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$132	\$73

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS VARSITY SMG200 #3602569

ID G200 birth date 5/5/19

Individual Performance:

BW	205	ADG	Mar Wt
77	669	3.01	1070

GIBBS 0689X CRIMSON TIDE
NICHOLS VARSITY C4
NICHOLS GALANT U74
NICHOLS OVERLOAD Z66
NICHOLS GALANT D65
NICHOLS GALANT P60

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+8	+3.8	+78	118	+4.5	+25	+64

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$120	\$72

Convenience Traits

Black Color	%
hom	PB

Price\$3,500

Pen C NICHOLS TOP CUT SMG253 #3602612

ID G253 birth date 5/14/19

Individual Performance:

BW	205	ADG	Mar Wt
90	791	3.01	1130

CCR COWBOY CUT 5048Z
NICHOLS TOP CUT D69
NICHOLS LADY B110
NICHOLS UPGRADE B95
NICHOLS LINDEN D78
NICHOLS LINDEN SXA105

Expected Progeny Differences: EPDs

CE	BW	WW	YW	CEM	MM	MWW
+9	+2.1	+79	119	+6.4	+20	+60

Economic Relative \$ Indexes

\$All Purpose (API)	\$ Terminal (TI)
\$130	\$77

Convenience Traits

Black Color	%
hom	PB

Price\$3,500



***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.