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Tom Williams Chappell Feedlot

Trait	Simmental Rank vs. Major Continental Breeds	Angus/Red Angus Rank vs. Major British Breeds
Marbling Score	First	Second
Carcass Weight	First	First
Weight Gain Feed Efficiency	First	Second
Weaning Weight	Second	First
Post Weaning Gain	Second	Second

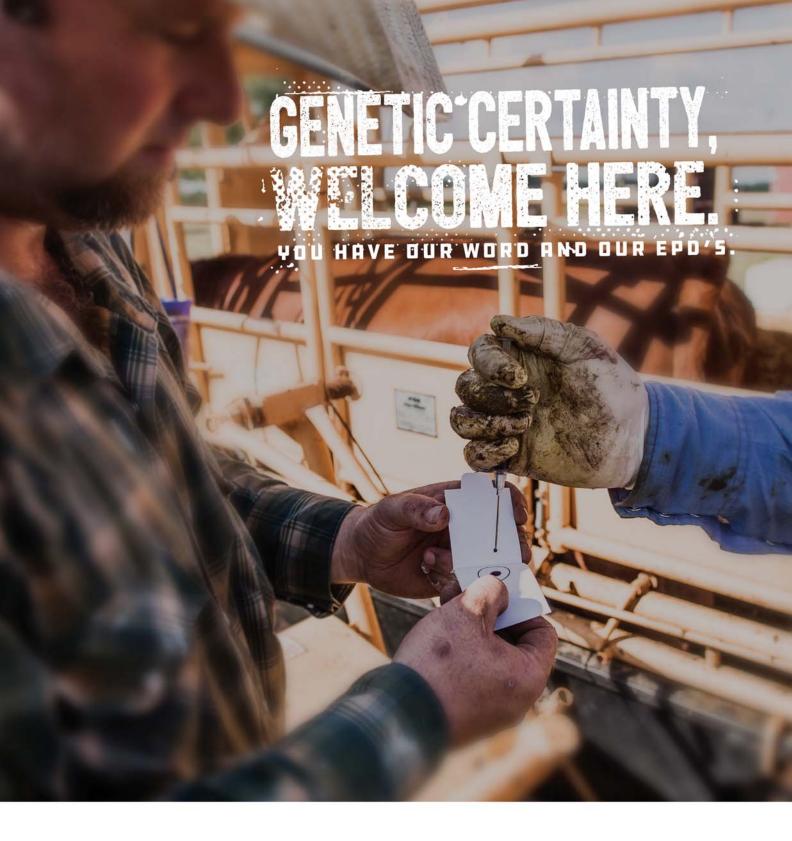
Across-Breed EPD Table, GPE Rep. 22, MARC, USDA



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SMITH RHETT - Black, polled three-quarter sire. Sired by our Dream On son, Smith Matt N Black and out of the breed matriarch, Smith Bella Bella, Ranks in the top 1% of the breed for both \$API and \$TI.

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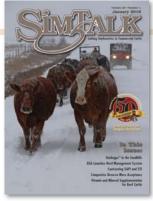


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About the cover:

Brood cows are moved from winter range to the home place on a bitter winter morning. Photo by Terry Ellingson, Dahlen, North Dakota.

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EPDs as of 12.5.17



GIBBS 2905Z MR Clean ASA# 2722668 Owned by Baxley Family Farms, LLC

BW WW YW ADG MCE Milk MWW \$API \$TI 17 -2.2 72 114 .26 10 21 57 184 94

- Bulls are a stout group with development resulting from a high roughage ration with NO silage and NO corn included.
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TRAIT EPD ACC

CE	BW	WW	YW	ADG	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	SHR	\$API	\$11
+20.9	-4.6	+58.6	+95.9	+.23	+10.9	+25.6	+54.9	+14.2	+14.1	+20.6	44	+.78	043	+1.17	45	1101	100
.67	.80	.72	.65	.60	.29	.30	.40	.31	.16	.51	.33	.41	.36	.33	.16	+101	+00

DNA tested DLF, Homozygous Black, Homozygous Polled

Fall 2017 TOP 35%

ALL TIME 29SM0466

OVAL F ALL TIME A332 ASA 2749844 MCM TOP GRADE 018X x HOOKS SHEAR FORCE 38K

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- Elite purebred sire with top 1% All Purpose and top 1% Terminal Index values with the beef bull look you demand
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- Outstanding calving ease and maternal traits with even stronger carcass merit and end product value
- Very correct, sound made bull with added length of body and thickness
- DNA tested homozygous black, homozygous polled, PB SM

TRAIT EPD ACC

CE	BW	WW	YW	ADG	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	SHR	\$API	\$TI
+13.7	-0.8	+69.8	+101.0	+.20	+11.1	+27.7	+62.6	+15.6	+11.6	+28.4	37	+.45	039	+1.09	40	+161	+86
.47	.62	.51	.51	.51	.30	.30	.36	.34	.18	.42	.27	.40	.24	.31	.17	+101	700
DNA teste	DNA tested DDF, Homozygous Black, Homozygous Polled Fall 2017											2017	TOP 35%				

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- ▶ Top-selling bull from the 2017 Hook and Wulf Bred for Balance Sale
- Performed at the top of his class against a stout set of contemporaries
- ► A Calving Ease purebred with "hard-to-beat" EPDs and incredible phenotype CE: 16.8 BW: -2.6 WW: 64.8 YW: 102.9 Milk: 23.8 API: 170.7 TI: 86.3 From Apex Cattle Co., NE and Clear Springs Cattle Co., MN



#### 7SM65 WLE UNO MAS X549 2532016 // PB SM

Dream On x Goldmine // Hetero. Black // Homo. Polled

- ▶ One of the most popular Simmental bulls at Select Sires and in the breed
- ► His greatest value will be his females, whether Simmental, SimAngus™ or Commercial.
- ▶ A breed leader for CE, DOC and API, added-value genetics

CE: 17.1 BW: -1.4 WW: 52.6 YW: 59.0 Milk: 17.7 API: 153.3 TI: 77.5

From Wesner Livestock Enterprises and Purdue University, IN



#### 7SM91 TI MAIN EVENT 503B 2891336 // 1/2 SM 1/2 AN

Upgrade x New Day 8005 // Homo. Black // Homo. Polled

- Phenomenal figures for growth performance with a minimum of Birth Weight
- Amazing added value —first nine sons averaged \$11,277 at CDI
- MAIN EVENT provides Calving Ease with outstanding phenotype. CE: 12.5 BW: -2.8 WW: 101.1 YW: 142.4 Milk: 24.9 API: 152.0 TI: 100.3 From C Diamond Ranch, ND and Triangle J Ranch, NE



#### 7SM80 CCR WIDE RANGE 9005A 2725666 // 3/4 SM 1/4 AN

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- ▶ Quickly becoming the household name in SimAngus™ sires
- ▶ Proven to sire beautiful, deep-bodied and wide-based females
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ASA 2017 Sire Summary

# Cow Camp Ranch 49 Years Breeding Registered Seedstock

# ANNUAL SPRING BULL & FEMALE SALE Friday, February 16, 2018 - 1:00 PM CST - At the Ranch, Lost Springs, KS

SELLING:

- 200 SimAngus™ & Simmental Bulls
  Featuring 100 18-Month-Old Fall Bulls
- 60 SimAngus<sup>™</sup> & Simmental Registered Bred Heifers
  Al Bred to CCR Boulder & SDS Graduate, Due in March & April.

CE 14 BW 1.8 WW 88 YW 116 Marb .66 REA .88 API 166 TI 96











17 BW -3.3 WW 83 YW 143 Marb 1.11 REA .57 API 160 TI 97





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- · Free Delivery in Kansas & Surrounding States
- · FERTILITY TESTED & FIRST YEAR BREEDING SEASON GUARANTEE

EPDs as of 12/11/17

PDs as of 12/11/17



CE 9
BW 2
WW 76
YW 112
Marb .99
REA .58
API 175
TI 94
CCR Spartan 9124A - 16 SONS SELLI



CE
14
BW
-1
WW
75
YW
117
Marb
79
REA
1.10
API
149
TI
90
CCR Flint Hills 2092B 17 SONS SELL!



CE 20
BW -3.9
WW 73
YW 123
Marb .88
REA .25
API 145
TI .6DAR Leupold 298 - 10 SONS SELL!



## FROM THE DIRECTOR OF SCIENCE & EDUCATION

By Jackie Atkins, Ph.D.



#### **Learning How to Learn**

I consider myself very fortunate to have studied under Dr. Mike Smith at the University of Missouri during graduate school. Dr. Smith is the perfect example of a mentor and educator. He is extremely intelligent yet humble. He is kind and considerate. He is the antitheses of the absent-minded professor—instead he seems always pre-

sent and engaged. He is thoughtful and deliberate when training graduate students. One of the big take home lessons Dr. Smith emphasized to graduate students in our department was to simply learn how to learn. By learning how to learn, my education continues long after graduation from a formal university setting. Case in point, my training is in reproductive physiology but after coming to the American Simmental Association, I have learned so much more about animal breeding, genetics, and DNA. Learning how to learn is a mindset — a state of being. Learning how to learn requires honest self-reflection of gaps in one's understanding and a willingness to seek out sources of information to fill those gaps. It may not always be a priority — certainly there are times of the year when everything is so busy, I can't stop to read about a topic, attend a seminar, or call an expert to find out answers. However, when time is available, I continue to try to educate myself on a variety of topics.

For those of you seeking out resources to continue your education on beef cattle genetics and animal breeding, I highly recommend the following free seminars series:

The National Beef Cattle Evaluation Consortium Brown Bagger Series — every October the NBCEC puts together

weekly seminars focused on the latest advancements of cattle genetic evaluation and records them for later viewing

Beef Cattle Evaluation

(http://www.nbcec.org/professionals/brownbag.html).

The 2017 series featured advancements in genomic evaluation using single step, new research about the genetics of adaptability and response to environmental stresses, development of new trait EPDs (hoof/leg structure and udder/teat evaluation), and some perspectives from seedstock and commercial cattlemen.

The ebeef team (ebeef.org) is starting a monthly series with the first on January 18th and last in April. These

seminars are focused on the effectiveness of EPDs, indexes, crossbreeding, and using selection tools to make better decisions.

The American Simmental Association's

5th annual Fall Focus will be in Bozeman, MT, from August 25th to 29th. Sunday August



26th will offer a day long educational event with the theme of "Embrace the past. Imagine the future". For more information go to fallfocus.org

When you have a moment, take advantage to further your knowledge from these excellent sources. I sincerely hope you can prioritize some time to learn something new and continue your education.

# TP Ranch

#### 24th Annual Spring Simmental & SimAngus™ Bull & Female Sale

#### Saturday, February 17, 2018

1:00 PM – Females Sell First Lunch at 12:00 Noon

At the Ranch, Tyler, Texas Located one mile south of I-20 on FM 757 Midway between Tyler and Longview

#### Selling

#### 50 Purebred Simmental and SimAngus™ Bulls

- Yearling to Two-Year-Olds
- · All are polled
- Most are AI sired by breed leaders in both Simmental and Angus
- These bulls have been developed on a high forage diet they are ready to go to work.

#### 40 Purebred Simmental and SimAngus™ Females

- Heavy Breds and Pairs
- · All are polled
- Most are AI sired and bred to AI sires



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7/8 SM 1/8 AN Female • DOB: 4-29-14 MM Kaboom x Hooks Pacesetter



SimAngus™ Female • DOB: 11-11-14 RRJS Steel Force 061U x Mytty In Focus



SimAngus™ Female • DOB: 12-2-14 TNT Dual Focus x MC Upward



SimAngus™ Female • DOB: 2-16-16 McKellar United 3366 x 5T Mr R14



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SEVEN PRANCH

Auctioneer: Mark Tillman 210-216-6754 TX LIC# 9642

#### Sale Consultants:

Warren Garrett 903-316-2889

Marty Ropp 406-581-7835





Purebred Simmental Bull • DOB: 9-9-15 HL Game Plan x 5T Mr R14



SimAngus™ Bull • DOB: 10-23-15 RRJS Steel Force 061U x Mytty In Focus



Purebred Simmental Bull • DOB: 12-11-15 Gibbs 2594Z SM UPG P342 x 5T Mr R14



SimAngus™ Bull • DOB: 11-2-15 RRJS Steel Force 061U x B/R Destination

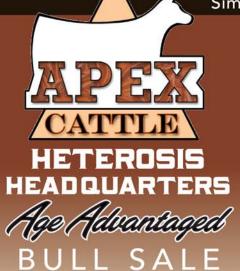


SimAngus™ Bull • DOB: 10-3-15 TNT Dual Focus x MCM Top Grade

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SIMANGUS & ANGUS BULL SALE IN NEBRASKA!

Simmental — SimAngus™ — Angus — 140 Head Sell!



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SimAngus™ TWO-YEAR OLD by Cowboy Cut



SimAngus™ TWO-YEAR OLD by Prophet



SimAngus™ TWO-YEAR OLD by Loaded Up



SimAngus™ FALL YEARLING by Cowboy Cut

#### TWO-YEAR OLDS RECEIVE NO CORN!

Fed only home grown ground grass hay, stalks and silage with limited wet distillers to improve digestion and palatability.

The good feet on our older bulls is proof of our experience in feeding them right!

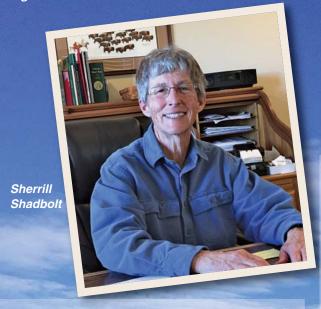


SimAngus™ FALL YEARLING by Loaded Up



# SimAngus<sup>TM</sup> in the Sandhills

By Kindra Gordon



he gently rolling Nebraska Sandhills covered with prairie grasses make an idyllic scene and it's true cattle country. It is also well suited to SimAngus genetics.

Brownlee rancher Sherrill Shadbolt says, "I feel if you give up heterosis, you give up the ranch . . . We totally love the crossbred cow. She's the machine that makes the profit." Shadbolt, who has ranched all her life, expresses appreciation for SimAngus females being deeper-bodied than many other breeds, and as a result says, "In tough times she's able to keep her condition better and weathers the cold better."

The crossbred cow "is the machine that makes the profit" on this Nebraska ranch.

Shadbolt grew up in a ranching family near Merriman, about 60 miles west of Valentine, and in the heart of the Sandhills region. Cherry County, which encompasses Merriman, Valentine and Brownlee, stretches across 3.7 million acres (about 6,000 square miles), is home to 5,762 people, and boasts being the nation's number one cow county with nearly 166,000 cows.

Of her ranch upbringing on a commercial cattle outfit, Shadbolt says, "Dad was a true Hereford man." She enjoyed ranch life, but also had an affinity for history and attended the University of Nebraska to study history and earn a teaching degree. She notes, "That was the beauty of teaching, you had three months in the summer so you could ranch."

The ranch she now owns near Brownlee was acquired by her father in the 1960's. She explains that he bought the land with the intent of using it for a like-kind exchange (also called a 1031 exchange). When that deal didn't work out, it was folded into the family operation.



#### **Crossbreeding Journey**

Sherrill and her brother, George, both worked closely on the ranch — and still do today, while operating separate entities. Their sister is also involved in ranching near Ashby. It was George, who brought the concept of crossbreeding to the family ranch in the 70s when he returned home from college. The family dove into crossbreeding and tried various breeds, but they didn't always perform as they hoped, according to Shadbolt.

By the 1980s, they transitioned to what Shadbolt calls the "flower-patterned" Simmentals and used them for a number of years, until eventually crossing them with Angus and getting on the path where they are today with a SimAngus cow herd.

In the early 1980s, George and Sherrill were also interested in computerizing the ranch, and Sherrill happened to meet Deb Carnell, an engineer teaching at the Colorado School of Mines who was interested in the task. She visited the Nebraska ranch and found ranch life suited her, so stayed. A few years later, the Carnell & Shadbolt cattle partnership was formed making the duo joint operators on the Brownlee ranch property. Today, they run 900 commercial SimAngus cows, calving heifers near the end of March and calving the cowherd primarily in April and May.

Carnell and Shadbolt AI their heifers and use Angus and SimAngus clean-up bulls — heifer sires are selected with an emphasis for calving ease. They strive for a 45-day breeding season. The cow herd is exposed to SimAngus sires for a 60-day breeding season.

Their genetic focus is concentrated on the maternal side, as they seek to keep about 200 replacement females annually. That said, they feel the SimAngus cross still produces strong terminal traits. Deb shares, "Our steers do very well in pounds and performance, and we often have some qualify for Certified Angus Beef premiums." Steer calves are typically backgrounded and marketed in

March as long age calves to commercial feedyards. Younger calves are put on grass until about July.

Of their sire selection, Carnell notes they've been particularly happy with the Simmental breed's offering of the \$API (All-Purpose Index) score, a calculation that provides one number per animal indicating dollars per cow exposed under an all-purpose-sire scenario. "We like that there's not a focus on any single trait. We feel using this selection index helps us select a more balanced bull," Carnell says.

She and Shadbolt strive for an \$API above 145, which puts cattle in the top performance percentile for the breed. They purchase SimAngus bulls from a few different breeders, including Loren Berger, owner of Berger's Herdmasters at Stapleton, Neb.

Shadbolt's affinity for history has had her monitoring the Simmental breed's progression through the decades. She credits the American Simmental Association for leading the beef industry into multibreed EPDs in 1997. "We believe in the numbers, and we've watched how they've improved over the years," she says,

#### **Staying the Course**

In addition to their genetic efforts, Carnell and Shadbolt have focused on grazing management and enhancing wildlife areas in their unique Sandhills environment. "I've always enjoyed growing native grass and watching the cattle perform as they graze through the season," Shadbolt says. Carnell notes she's enjoyed the "nuts and bolts" parts of ranching, including the active projects of feeding and summer haying.

By attending numerous ranch tours to learn grazing management strategies they've implemented various land improvements and count their operation as fortunate to be surrounded by many leaders in grassland stewardship.

CONTINUED ON PAGE 14



# SimAngus™ in the Sandhills

# More About Nebraska's Unique Sandhills Region

The Sandhills is a region of mixed-grass prairie on grass-stabilized sand dunes in north-central Nebraska, covering just over one quarter of the state. The dunes were designated a National Natural Landmark in 1984.

Many of the plants of the Sandhills are sand-tolerant species from short-grass, mixed-grass and tallgrass prairies; plants from all three of these can be found within the ecosystem. These plants have helped to stabilize the sand dunes, creating an ecosystem beneficial for other plants and animals.

The Sandhills sit atop the massive Ogallala Aquifer, with thousands of ponds and lakes replenishing the aquifer, which feeds creeks and rivers such as the Niobrara and Loup rivers. The lakes are mainly sandy-bottomed and provide water for the region's cattle, as well as a habitat for aquatic species.

The fragile sandy soil makes the area unsuitable for cultivation of crops — and most of the area has never been plowed. Unsuccessful attempts at farming were made in the region in the late 1870s and again around 1890. In the 1870s, cattlemen began to discover the region's potential as rangeland for cattle.

As the largest and most intricate wetland ecosystem in the United States, the Sandhills contain a large array of plant and animal life. Minimal crop production has led to limited land fragmentation — some estimates say 85% of the ecosystem is intact; the resulting extensive and continuous habitat for plant and animal species has largely preserved the biodiversity of the area

In the 21st century, the Sandhills are a productive cattle ranching area, supporting over 530,000 beef cattle. A number of small towns remain in the region, and there is some development of cropland agriculture in the modern era through the use of center-pivot irrigation systems. Improved land management and grazing practices by the ranchers of the region have led to less erosion over time, which has kept the natural landscape of the area mostly intact.

**CONTINUED FROM PAGE 13** 

Deb also credits Sherill's brother, George, for being an asset to their operation. Through the years he has continued to assist the women in finding pasture for yearlings, offering input and backgrounding groups of calves for them.

Looking ahead, Carnell and Shadbolt aim to stay the course with their SimAngus operation. Carnell says, "We want a crossbred cow and crossbred calf." She notes that their cowherd is probably currently more heavily Angus-influenced than a true 50-50 SimAngus mix, simply because many of the bulls available are three-quarters Angus. To that, she and Shadbolt note that they would like to have more crossbred options available on sires, particularly for heifer bulls. She says, "We don't want to have to use Angus bulls for calving ease. We would like if more crossbred SimAngus bull semen was available for AI."





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403E I/4 SIMANGUS™ BY PAYWEIGHT // REG 3310542 CE 16 YW 128 MB .83 API 163 TI 92



**016E** PB SIMMENTAL BY BOZEMAN // REG 3311006 CE 13 YW 120 MB 49 API 164 TI 88



566D I/2 SIMANGUS™ BY INVESTMENT // REG 325268I CE 15 YW 122 MB .52 API 155 TI 83



422E 1/2 SIMANGUS™ BY LOCK DOWN // REG 3310521 CE 18 YW 108 MB .51 API 156 TI 81



**412E** 3/8 SIMANGUS™ BY PAYWEIGHT // REG 3310550 CE 13 YW 128 MB .84 API 156 TI 92



073E 5/8 SIMANGUS™ BY EASY ANSWER // REG 33II057 CE 15 YW 100 MB 44 API 150 TI 76



315E I/4 SIMANGUS™ BY RESOURCE // REG PENDING CE 9 YW 128 MB .51 API 136 TI 78



268D I/2 SIMANGUS™ BY PRINCIPAL // REG 3252584 CE 19 YW 114 MB .79 API 177 TI 92



216D 1/2 SIMANGUS™ BY PRINCIPAL // REG 3252530 CE 18 YW 113 MB .50 API 153 TI 84



555D I/4 SIMANGUS™ BY POWER TOOL // REG 325262I CE 15 YW 120 MB 1.02 API 168 TI 91



449A 1/2 SIMANGUS™ DONOR BY BISMARCK // REG 2848878 CE 15 YW 114 MB .52 API 154 TI 82

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By SS Ebony's Grandmaster
EPDs: CE: 7 \$API: 107 \$TI: 63



Mr. Hoc Broker C623

By Steel Force

EPDs: CE: -6 \$API: 64 \$TI: 53



SSC Shell Shocked 44B

By Remington Secret Weapon 185

EPDs: CE: 12 \$API: 115 \$TI: 61



GCC CM Stockbroker B005 By Mr Hoc Broker – SimAngus™ EPDs: CE: 6 \$API: 102 \$TI: 61



Fitz POL Blazon B1203

By PRS Blazin Hot W192

EPDs: CE: 11 \$API: 113 \$TI: 75



S&S Sweet Dreams 507C
By CNS Dream On L186
EPDs: CE: 12 \$API: 116 \$TI: 64



CSCX Bandwagon 513A

By TJSC Optimus Prime
EPDs: CE: 6 \$API: 121 \$TI: 73



W/C Bullseye 3046A

By Lock N Load 54U

EPDs: CE: 17 \$API: 131 \$TI: 69



Kappes Big Ticket C521

By Lock N Load 54U

EPDs: CE: 9 \$API: 116 \$TI: 70



W/C Lock Down 206Z
By Lock N Load
EPDs: CE: 19 SAPI: 147 STI: 79



GCC Whizard 125W
By SVF Steel Force S701
EPDs: CE: 10 \$API: 91 \$TI: 55



CCR Flint Hills 2092B

By CCR Frontier 0053Z

EPDs: CE: 15 \$API: 146 \$TI: 87



W/C United 956Y
By TNT Tuition
EPDs: CE: 11 \$API: 145 \$TI: 92



WLTR Renegade 40U ET By 3C Macho M450 BZ EPDs: CE: 6 \$API: 118 \$TI: 74



STF Rock Solid 033C

By CDI Rimrock 325Z

EPDs: CE: 11 \$API: 109 \$TI: 69



**CNS Pays To Dream T759**By CNS Dream On L186

EPDs: CE: 11 \$API: 135 \$TI: 70



CLO Captain America 704Y
By CNS Pays to Dream T759
EPDs: CE: 14 \$API: 107 \$TI: 64



Circle M Tejas 107Z

By BC Lookout 7024

EPDs: CE: 19 \$API: 112 \$TI: 58



TJSC 152A "Vindication"

By Flying B Cut Above

EPDs: CE: 4 \$API: 93 \$TI: 58



WS Stepping Stone B44

By W/C Lock Down

EPDs: CE: 11 \$API: 125 \$TI: 73



Silveiras Style 9303
By Gambles Hot Rod
EPDs: CE: 18 \$API: 134 \$TI: 65



SP The Answer 813
By SAV Final Answer 0035
EPDs: CE: 20 \$API: 126 \$TI: 69



W/C Tribute 84C
By Yardley Utah
EPDs: CE: 12 \$API: 125 \$TI: 67



LLSF Pays To Believe ZU194
By CNS Pays To Dream T759
EPDs: CE: 7 \$API: 127 \$TI: 76



K-LER Make It Rain 696S By Foundation 724N EPDs: CE: -7 \$API: 86 \$TI: 55



STF Royal Affair Z44M
By Lock N Load
EPDs: CE: 5 \$API: 103 \$TI: 57



LLSF Addiction AY792
By Top Grade
EPDs: CE: 7 \$API: 109 \$TI: 67



Long's Damien A37
By Hooks Shear Force 38K
EPDs: CE: 9 \$API: 147 \$TI: 86



CDI Executive Power 280D

By W/C Executive Order

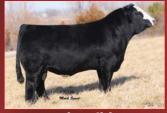
EPDs: CE: 13 \$API: 157 \$TI: 87



HPF Tradecraft D010

By JF Milestone 999W

EPDs: CE: 7 \$API: 115 \$TI: 71



FBF1 Combustible Y34

By Steel Force

EPDs: CE: 12 \$API: 101 \$TI: 62



LLSF Uprising Z925
By Heads Up 20X ET
EPDs: CE: 4 \$API: 100 \$TI: 77



CCR Anchor 9071B

By CCR Cowboy Cut 5048Z

EPDs: CE: 20 \$API: 164 \$TI: 82



SS/PRS Tail Gater 621Z
By HTP/SVF Duracell T52
EPDs: CE: 11 \$API: 115 \$TI: 74



W/C Grandstand 6B
By W/C Wide Track 694Y
EPDs: CE: 10 \$API: 121 \$TI: 67



W/C Catchin A Dream 27X

By Dream Catcher

EPDs: CE: 10 \$API: 123 \$TI: 67



HPF Rockstar B332

By JF Milestone 999W

EPDs: CE: 5 \$API: 109 \$TI: 76



WAGR Dream Catcher 03R
By Dream On
EPDs: CE: 12 \$API: 129 \$TI: 73



**GLS/JRB Cash Flow 163C**By LLSF Pays to Believe ZU194
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Long's Stand Alone B35

By Built Right

EPDs: CE: 8 \$API: 111 \$TI: 64



Yardley High Regard W242
By Yardley Impressive T371
EPDs: CE: -1.2 \$API: 71 \$TI: 58



HILB Maverick A43

By GLS New Direction X148

EPDs: CE: 4 \$API: 101 \$TI: 57



Rousey Gold Strike 512C
By Hooks Trinity 9T
EPDs: CE: 19 \$API: 150 \$TI: 85



WLTR Nashville 22A ET
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EPDs: CE: 11 \$API: 114 \$TI: 64



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#### Composites Deserve More Acceptance

By Colin Ray Lyndorff, South Dakota State University



Lyndorff

very beef producer today is partial to one breed. Maybe they won't admit that they are, but deep down everyone has a favorite, and that's ok. Today, beef producers are shifting away from the path of the traditional purebred breeder and beginning to add more value within their operation by adding multiple breeds and composites to the mix. Much value can be added with composite breeding.

The days of believing that a single breed can check every box in a breeding system is far gone. No breed is perfect and producers can greatly benefit from hybrid and composite animals, not to mention attract value from outside customers that are interested in composite genetics. The introduction of composite breeds such as the SimAngus™, Simbrah, Durham Red, LimFlex, Charolais Composite, Shorthorn Plus, ChiAngus, Brangus and Santa Gertrudis, to name a few, are quickly gaining popularity within the beef industry. A composite can be defined as a breeding system that combines two or more breeds. Composites take advantage of heterosis and breed complementarity without the need to design a crossbreeding system. Today many composite breeds publish EPDs, which were not always available to composite breeders in the past. Never before could producers in the beef industry breed a registered Angus to a registered Charolais and have the offspring also be registered with their own EPDs.

Additionally, the heterosis that composite matings can add can be beneficial for producers, especially in terms of maternal heterosis. Many producers think that heterosis will be lost if they continuously use composites but heterosis will be maintained unless inbreeding starts to accumulate. Examples of this maternal heterosis shown by Deke Alkire, can include a 6% higher calving rate, a 4% higher calf survival rate, an 8% increase in efficiency, a 38% increase in longevity and a 23% increase in lifetime productivity. These advantages will be optimized when the breeds and individuals you select to create the crossbred cow fit your resources and goals. Individual heterosis can include, increased survivability, increased weaning weight as well as post weaning gains. Also of importance is the fact that a greater percentage of one breed in a composite breeding system will lower the amount of retained heterosis. For example, heterosis will be greater for a 50% Angus and 50% Simmental cow than a 75% Angus and 25% Simmental cow. Sometimes, however, an equal composition of each breed is not most desirable. As pointed out by

Dr. Michael MacNeil, former research geneticist at USDA Agricultural Research Service in Miles City, MT, a composite doesn't need to have equal genetic contribution from the breeds involved. If one breed is better in certain desired traits than another, the breed with more desirable characteristics can be represented more extensively in the composite. For example, the Santa Gertrudis is a composite that is 5/8 Shorthorn and 3/8 Brahman.

There are many advantages to a composite breeding system. Not only is individual heterosis gained within the offspring themselves, the maternal heterosis that can be added can pay dividends as well. Of course, different composites will thrive better in certain environments, but there is most certainly one to fit any producers needs within their own production practices. Composites are continuing to grow in popularity by not only producers but all buyers as well with the added value and opportunity that they offer. While of course there is a great deal of quality in purebred cattle, composites are beginning to gain the popularity that they deserve.

#### **About the Author:**

Colin Lyndorff is currently in his final semester at South Dakota State University studying agriculture science with a minor in animal science. He grew up in central Minnesota where his family has a small cattle operation, and after graduation, he hopes to obtain a job in the agricultural industry as well as continue to raise and market purebred beef cattle.

Lyndorff recently completed a course taught online by Michael G. Gonda, Ph.D.. In this course, students were tasked with writing an article for the general public on a topic related to genetics of beef cattle. This class was supported by a USDA-NIFA-AFRI grant (#2016-68004-24827; PI Dr. Jared Decker, University of Missouri). The long-term goal of this project is to develop a repository for beef cattle breeding and genetics material for use by university instructors throughout the USA.

#### **Resources:**

"Advantages of Composite Cattle." Tristate Livestock News, 15 Apr. 2010, www.tsln.com/news/ advantages-of-composite-cattle/.

Alkire, Ph.D. Deke. "The Advantages of Crossbreeding." Noble Foundation, www.noble.org/news/publications/ag-news-and-views/2012/april/the-advantages-of-crossbreeding/.

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Homo Polled, Non-dilutor Red | Yearling
9 2.1 70 104 7 19 54 [API 144 TI 78]



KBHR Compass X In Focus Homo Black, Homo Polled | Yearling 11 4 93 145 11 19 66 [API 150 TI 87]



RFS Bulletproof X Axis
Homo Polled, Non-dilutor Red | Yearling
9 2.7 78 117 10 21 60 [API 149 TI 82]



Dominator X KBHR Harley Homo Black, Homo Polled | 18 months old 16 -0.5 50 69 13 18 43 [API 116 TI 57]

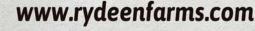


Blackhawk X Ellingson Legacy Homo Black, Homo Polled | 18 months old 16 -0.5 67 104 9 21 55 [API 163 TI 80]



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986E ccr cowboy cut 5048z x tj ms 38w \$API 159.3 • \$TI 87.9



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**923E** TJ COWBOY UP 529B x TJ 22X **\$API** 157.5 • **\$TI** 91.8



880E Connealy In Focus son PB Angus Bull



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## CONTRASTING \$API AND \$TI

#### By Marty Ropp, Normal, IL



Ropp

conomic Selection Indexes have become the "norm" for nearly all serious cattle breeding organizations. These tools are nothing new to seedstock producers in competing meat animal species, but have become impactful in beef cattle breeding, primarily in the past five to 10 years. Simultaneously selecting for multiple economically important traits and ultimately for the profit driven by those traits, is changing paradigms for the better. I am not implying that all indexes are the same nor are they created equally in terms of sophistication and database backup. However, they are all meant to provide breeders a simplified, robust, intuitive tool for multi-trait selection, and when used correctly, allow us to make long term profit our trait of importance. Instead of less effective combinations of weights or measures. And the best part? They work! Selecting for profit has always been the goal, right?

So why do these multi-trait indexes seem to create so much stir, and even argument, when placed into the conversation about genetic selection? In actuality, breeders of all kinds have used index selection when making mating decisions for years. The only difference is that each created their own, based on what they see as priorities and/or what was simplest to market. Some breeders prioritized growth and milk, while others may have seen more value in calving ease and marbling. Breeds themselves were created largely by groups of breeders that decided what traits they wanted to promote in their lines of cattle based on their needs and view of the world. That is part of the reason that over the years, as priorities have changed in the beef industries of the world, different breeds have found success in different systems where others have all but disappeared. The "selection index" used in their creation either fit the system or it did not and therefore the breed gained or lost favor. Some literally used only color, size, or type to form breeds and breed lines, worrying little about customer success and economic improvement. This haphazard method of using indexes created the desired outcomes because you get what you select for, but often there was little consideration nor progress toward the long-term profit potential of the cattle involved. But now, technology, science, and data replace much of the guess work and bias of the past.

Today's indexes are infinitely more valuable for promoting profit and industry success. Most are based on large amounts of data, production cost versus income information, and employ quality science including the latest in DNA technology. They have the

chance to change our lives in the beef business if we choose options wisely. The staggering genetic improvements boasted by the pork, poultry, and dairy industries are largely the result of high value selection index use for the past 20-40 years. We on the other hand still wean calf crops at 80% to 90%, sell calves at about the same weights as 20 years ago, keep cows about the same number of years and feed them the same amount or more than in the past. Worse yet, except for the past couple of years with wonderful prices, we also enjoy roughly the same historical rate of return on investment.

My point to this article is actually to compare and contrast \$API and \$TI while looking at the inherent pros and cons of each. I'll even touch on the breeder rhetoric that revolves around these indexes. The discussion of \$API is the most interesting and animated, whereas, there is much less conversation about \$TI. Perhaps that is because the vast majority of breeders do not consider themselves to be "terminally oriented" and many actually consider the word "terminal" to be negative or even somewhat offensive. Few question the \$TI index makeup and rankings but many admit that bull sale prices correlate with \$TI more highly than with most any other EPD, including \$API.

So why not \$API? Considering that the lion's share of bull customers retain their own females for replacements, \$API should fit the majority of producers long-term needs far better than \$TI. There are even crucial end product values built into \$API to help ensure success up and down the beef chain. So why all the debate? The reasoning seems clear. The long-term profits promised by \$API are simply too far in the future for most to prioritize or sometimes even consider.

For example, like many, in 2017 and previous years, you were using \$TI or more terminal traits like weaning weight as your primary bull selection tool; however, in 2018, you choose to adjust your course and begin to select sires for advanced \$API to improve your bottom line as promised. Your first "\$API" calves are born (relatively easy and with minimal calving issues) in 2019. But, there is potential these calves may not be as big and stout early in life as the ones out of your previous high \$TI bulls because of lighter birth weights. Then at weaning time the weights of your 2019 calves could even be lower than those sired in previous years. "What the heck!! This \$API deal just isn't going to work for us." Hopefully, that is not the end of your story. Despite your hesitation, you stay the course. In the first couple years of selection pressure for \$API, you



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RBS Upgrade E554 Herd Bull Prospect Mr NLC Upgrade x WLE Uno Mas

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#### CONTRASTING \$API AND \$TI

**CONTINUED FROM PAGE 24** 

do see small improvements in re-breeding interval and conception rates because of shorter average time of labor in the heifers and cow herd, but weaning weights are still slow to improve. End product traits are also improving, so whether you know it or not, your calves are becoming more valuable to the beef business.

Maternal traits however manifest their value more slowly. When you think about it practically, heifers retained from the 2019 calf crop don't even become cows until 2021. In fact, even in 2025, perhaps just half of your herd will be sired by bulls chosen for the Stayability, Maternal Calving Ease, Direct Calving Ease, Marbling, and profit promised by \$API. If however, a producer remains committed and uses \$API as prescribed to promote ranch profitability, by the late 2020's almost all of your cows will have been selected for maternal merit and their ability to add to your profit. Now your capital investment starts to truly pay in a big way and it continues to pay for decades into the future. I know that seems like forever to wait, but in cow herd reality, that is just the way it is. The really good news is that the profit you spent ten plus years building into the cow herd is residual and promises to generate additional cost savings and income increase well out into the 2040s and beyond.

Our logic-based crystal ball would surely predict a future with higher costs, more scarce labor, and feeder calf profit potential more readily defined. As a result, it could be argued that in the future, profit may be even more elusive for those who are not genetically prepared or positioned. That's why I offer that today is not too early to change historically

Red SimAngus™ cow-calf pair on summer pasture.

short-term thought processes and re-focus on the long term. It better positions you and, maybe even more importantly, future generations on your ranch for profit longevity. This is equally true for seed-stock herds and commercial producers as their collective futures have always been connected.

On the other hand, maybe you are considering getting out of the business in the next five to six years. Or you have embraced the growing idea of purchasing all of your replacement females going forward. In either of those cases, you should simply ignore \$API and put your focus solidly on \$TI and the near-term profits associated with growth and carcass merit.

One of the other challenges with explaining \$API is the ongoing argument of how to define the "great cow". If your definition of a profitable cow is one that weans the heaviest calf or the best looking calf, then \$API may not fit your view of the world very well. \$API and other profit based enterprise selection tools are based on 'dollars in' vs. 'dollars out' for the commercial cow herd over a period of many years. It finds fault in cows that require extra labor at calving, are culled too early in life, calve late, don't adapt well and/or just cost too much to keep around. \$API highlights cattle that are fertile, sound, good uddered, easy-fleshing and have great temperament because they tend to have a more profitable tenure in almost any herd.

Credit is rightly given to cows that raise a lot of valuable calves, so long as they don't cost a fortune to keep around. The biggest hurdle for some is that \$API isn't particularly effective at evaluating cows for the traditional ideals of bovine beauty. It too penalizes cows that raise a calf that has little or no added value to our industry as a whole. Every trait and unit is evaluated by a plus or minus effect on enterprise profit. As an example, bigger calves equal more dollars to add to profits, but bigger cows equal more feed. Hence, a plus and a minus to the enterprise. When all pluses and minuses are added up over a cow's lifetime the picture of profit is simple. The result is \$API.

If you are looking for proof of how indexes have had historical impacts, evaluate the selection processes for continental breeds from the early 70s to the mid 90s in this country. Unbridled selection for weaning weight, yearling growth, mature cow size, milk and muscle defined the expansion of Continental genetics in this nation. It is clear that an undefined "Terminal Index" was employed by most in the chase for that era's definition of "performance". Short-term income creation was selected for and welcomed by producers.

CONTINUED ON PAGE 28



#### SUN. FEBRUARY 4, 2018 | 12:00 NOON | RISING CITY, NEBRASKA



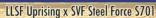
SVF Steel Force S701 x SS Windsong





Ruth Mr. 4-4

SVF Steel Force S701 x SS Windsong





RB Active Duty 010 x SAV Black Cap May 4549



LLSF Pays To Believe ZU194 x Mr HOC Broker



EK Dew It Brilliant C501 x Mr HOC Broker



Remington Lock N Load x SVF Steel Force S701



W/C BF Innocent Man x SVF Steel Force S701



SDS In Force 112Y x Ruth Mr Z21

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## **GENETIC ACCOUNTING**

PROFIT = OUTPUT - INPUT

#### Inputs

Economically Relevant Traits and their Estimated Progeny Differences Indicators

#### Inputs

Economically Relevant Traits and their Estimated Progeny Differences Indicators

#### Inputs

Economically Relevant Traits and their Estimated Progeny Differences Indicators



COW INTAKE EPD: MILK & MW





FEED LOT INTAKE EPD : ADG, REA, BF & MARB





**FEEDLOT** 



**ABATTOIRS** 

#### **Outputs**

Economically Relevant Traits and their Estimated Progeny Differences Indicators

#### Outputs

Economically Relevant Traits and their Estimated Progeny Differences Indicators

#### Outputs

Economically Relevant Traits and their Estimated Progeny Differences Indicators



**SURVIVAL RATE** 

EPD: CE & MCE



WEANING WEIGHT EPD: WW



SALVAGE WEIGHT EPD: MW



AVERAGE DAILY GAIN EPD: ADG



CARCASS WEIGHT





QUALITY GRADE EPD: MARB

%

YIELD GRADE EPD: YG

Abbreviations: ADG = Average Daily Gain, BF = Back fat, CE = Calving Ease, CW = Carcass Weight, EPD = Expected Progeny Differences, MARB = Marbling, MCE = Maternal Calving Ease, MW = Mature Weight, REA = Rib Eye Area, Stay = Stayability, WW = Weaning Weight, YG = Yield Grade.

# SIMINENTALES OF BULISH PONCE BULISAGE STATES

#### ★ Thursday, February 8, 2018 at 12:00 Noon Sharp! ★

Video Sale Only – Held at the farm 2 miles south of Frederick, SD 95 HERD BULL PROSPECTS WILL SELL & will be penned on display at the farm prior to and also sale day.



Hart Sling Shot 135E • PB SM

Homo Black, Homo Polled Act BW: 87 Adj WW: 908

JBS Single Shot 601C x SAS T101 Sweet Meat

EPDs CE: 4 BW: 4.7 WW: 79 YW: 115 MCE: 9

MWW: 62 API: 123 TI: 77



Hart Double Shot 096E • PB SM

Homo Black, Homo Polled Act BW: 87 Adj WW: 982

JBS Single Shot 601C x WLB Roughneck 366R 377W

EPDs CE: 6 BW: 4.3 WW: 97 YW: 137 MCE: 9

MWW: 64 API: 125 TI: 86



Hart Burlington 087E • PB SM
Homo Black, Homo Polled Act BW: 83 Adj WW: 881
GLS Integrate Z3 x New Trend Way Cool 6W
EPDs CE: 10 BW: 2.3 WW: 84 YW: 138 MCE: 10
MWW: 21 API: 128 TI: 80



Hart Milwaukee 133E • PB SM
Homo Black, Homo Polled Act BW: 87 Adj WW: 822
HL Rebel 435C x ASR Final Sort X0151
EPDs CE: 8 BW: 2.3 WW: 70 YW: 106 MCE: 7
MWW: 56 API: 113 TI: 68



Hart Custer 095E • PB SM

Homo Black, Homo Polled Act BW: 87 Adj WW: 881

HL Rebel 435C x Hart In TimeW095

EPDs CE: 6 BW: 3.1 WW: 76 YW: 120 MCE: 8

MWW: 61 API: 125 TI: 76



Hart Spark Plug 168E • PB SM
Homo Black, Homo Polled Act BW: 83 Adj WW: 815
GLS Integrate Z3 x JBS Mr Crossfire 701R
EPDs CE: 10 BW: 1.5 WW: 76 YW: 117 MCE: 9
MWW: 59 API: 120 TI: 76



Hart Hitman 184E • PB SM

Homo Black, Homo Polled Act BW: 87 Adj WW: 862

DKSR Hollow Point C66 x Hart Eclipse 510Y

EPDs CE: 9 BW: 2.2 WW: 76 YW: 111 MCE: 7

MWW: 62 API: 123 TI: 77



Hart Missouri 066E • PB SM

Homo Black, Homo Polled Act BW: 90 Adj WW: 853

W/C Utah 534A x SAS T101 Sweet Meat

EPDs CE: 4 BW: 4.2 WW: 68 YW: 91 MCE: 8

MWW: 53 API: 105 TI: 64



Hart Weaver 088E • PB SM

Homo Black, Homo Polled Act BW: 83 Adj WW: 921

BBS True Justice B10 x W/C Utah 534A

EPDs CE: 10 BW: 3.0 WW: 80 YW: 116 MCE: 9

MWW: 60 API: 127 TI: 76

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#### CONTRASTING SAPI AND STI

**CONTINUED FROM PAGE 28** 

It was truly a terminal cross on an existing maternal base, we just didn't define it that way. The unintended result was a 25-year build-up of genes for increased birth weight, mature size and a few other traits not conducive to sustainable ranch profit. The unintended consequences of selecting for a raw terminal index in a system that required the retention of females was destructive to the many popular Continental breeds. This is a fact backed up by breed registration and bull sales data from the early eighties through the early 2000s. At this same time, British breeds tried to "catch up" and began to employ the same tendency for extreme terminal trait selection, without a tool for broader view of profit. This created an even more challenging situation for many crossbreeding programs and brought about the decline of many breeds traditionally associated with terminal prowess. Today's genetic trends for British breeds shows clearly they are being selected heavily for terminal value and at a more aggressive pace than ever in history. With that in mind, other breeds and composites should find success selecting for long-term maternal merit and enterprise profits.

Just to be clear, I am not discrediting selection for terminal traits or indexes. We ultimately produce, feed, and consume the highest quality beef product in the world. Breeding systems were simply not in place historically to take advantage of long-term, singular pressure for terminal genetics. This is still largely true today. In the future, however, with more defined systems and rewards, the expanded use of highly selected terminal genetics and lines to compliment maternal lines and systems will absolutely be a bigger part of the beef business if we hope to make more profit.

#### **Recommendations:**

If you plan to be in the cattle business (commercial or seedstock) for at least the next five to ten years, use \$API or other well proven, multi-trait, profit based indexes to guide your basic selection of genetics.

If you are worried about the short-term implications of \$API, simply put some emphasis on growth traits in addition to index values to make decisions better suited to your goals. There is often little practical difference in index values, particularly at low accuracy levels, between bulls in the top 10% or even top 20% of a population. Within those percentile parameters the other traits you may need or desire are absolutely available. In other words, use \$API as a rough sort, then simply pick the bulls you like for the other traits your operation prefers. At the very least, as a commercial genetics buyer, strive for cattle in the top third of the population for profit index traits. Desirable phenotypes and environmental adaptations are readily available within this high profit group.

If you are serious about exiting the cow business in the next five years or plan to purchase all females moving forward, which is becoming a more popular and workable solution, ignore \$API and select for as much \$TI as you can afford.

Avoid published index selection tools that are not backed by substantial databases or BIF approved methodologies. Many of these are simply marketing indexes and may not be truly designed to promote profit.

Segmented indices may not improve overall enterprise profitability. They are akin to partial budgets. Instead, consider robust, multi-trait selection tools, such as \$API, which are designed to promote long-term ranch and industry-wide profit.

SI



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GLS MS. ND E186 GLS New Direction X184 x GLS/GF Brigade 31R Purebred SM Show Heifer Prospect



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**GLS DARRA D122** GLS Mr. W18 Z69 x GLS Josie 426 Bred to ASR Augustus Z2165



**GLS ELDORADO E95** Hooks Broadway 11B x Yardlye High Regard W242 Purebred SM Herd Bull Prospect



**GLS ELECTRICITY E85** WS Beef King W107 x Hooks Pacesetter 8P Purebred SM Herd Bull Prospect

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83E Clim Angus IM Silveiras Style x 4007 Donor



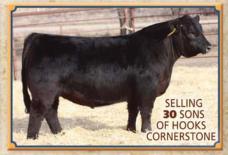
84E Purebred Simmental CCR Anchor x 8543 Donor



3471E Purebred Cimmental Yardley Utah x Lock N load



0135E Purebred Cimmental Yardley Utah x 8543 Donor



185E Clim AngusTM Hooks Cornerstone x Lock N Load



0266E Purebred Climmental WIC Red Answer x Shear Force



3162E Purebred Climmental WIC Executive Order x 343 Donor



5014E Purebred Simmental WIC Executive Order x Yardley Utah

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# ASA Launches Herd Management System

#### A new way to informally record animal records that is integrated with Herdbook Services.

#### By Jordan Bowman and Lilly Brogger



Bowman

Active Herd, a new feature on Herdbook
Services, helps members create and maintain informal records on animals. New animal records are created either by entering registration numbers, or creating new records with basic animal data. For each animal, breed-



**Active Herd** 

ing records, vaccinations, and weight data can be input in Active Herd. Keep in mind, the data input in this program is not official, and does not take the place of reporting data in a traditional animal data reporting job — it is instead **an additional feature meant to streamline the record keeping process**.

To use Active Herd, the first step is creating animal groups. This is done by choosing "New Group" and titling the group. One common misconception about Active Herd is that it will automatically display active dams in a herd, due to the name, but again, the records are unofficial and have to be input by the member.

The "Groups/Animal Data Entry" tab is the "home" screen for active herd, and displays both default animal groups, and custom groups. From this page, groups can be created, deleted, and edited. At least one group is required to import animal data.



Brogger

**Existing default groups** will display various groups of animals, based on reporting status or sex. "All Animals" includes all animals entered in Active Herd; "Reported Animals" will display all Active Herd animals with an associated ASA number; "Unreported Animals" displays all Active Herd animals without an ASA number; and "Animals Needing Data" will display all unreported Active Herd animals for which there is no birthdate or tattoo. In addition to these groups, animals groups can be brought up by sex.

Default Groups	
Animals Needing Data	
Unreported Animals	
Reported Animals	
All Animals	
All Bulls	
All Cows	
All Steers	

#### Presidents Number of Animals: 15

Ad	tions F	or Selected	Animals ▼				Add Animal Impo	rt Report	ed Animals
		ASA #	Tattoo	Sex	Name	Status ?	Pasture		Records
	•		JMAD	В	JAMES MADISON	Active	High Meadow 2016	•	View/Edit
0	•		JMRO	В	JAMES MONROE	Active	High Meadow 2016	•	View/Edit
0	Þ		WASH	В	GEORGE WASHINGTON	Active	Riverside GC	•	View/Edit
0	•		JEFF	В	THOMAS JEFFERSON	Active	Riverside GC	•	View/Edit
0	•		LNCN	С	ABRAHAM LINCOLN	Active	High Meadow 2016	•	View/Edit
	•		JADMS	В	JOHN ADAMS	Active	Riverside GC	•	View/Edit
0	•		NIXN	В	RICHARD NIXON	Active	High Meadow 2016	•	View/Edit
	•			В		Data Entry		•	View/Edit
0	•					Data Entry		•	View/Edit
	•		TEST			Data Entry		•	View/Edit
0	•		DUBYA	s	GEORGE W. BUSH	Data Entry	Riverside GC	•	View/Edit
	•		ASKNOT	В	JOHN F. KENNEDY	Data Entry	High Meadow 2016	•	View/Edit
0	•		IDIDNOT	s	SLICK WILLY	Data Entry	Riverside GC	•	View/Edit
0	•		COOL	В	CALVIN COOLIDGFE	Data Entry	High Meadow 2016	•	View/Edit
0	•		GCLE	В	GROVER CLEVELAND	Data Entry	High Meadow 2016	•	View/Edit

Animal records are created by clicking on a group, choosing "Add Animal", and inputting the required data. For animals already recorded, in a calf data reporting job for example, choose "Import Reported Animals", which will bring up the same list of groups seen when starting an animal data reporting job, or creating a report.

Keeping track of pasture groups can be difficult for larger herds, but Active Herd can be utilized to help with this. By choosing "Pasture" and "Add New Pasture", users can input the name of the pasture, and even details like available water and forage. Once a pasture is created, animals can be added by selecting either a group, or individual animals from a list, and applying the pasture to that group.

Pastures ?

Name:	High Meadow 2016
Acres:	20005
Begin Date:	2015-10-27
End Date:	2016-04-20
Condition:	Exceptional
Plant Species:	Arctic bluegrass
Fertilization:	None
Water Availability:	Natural mountain spring
1 No Animals	0 Animal

Once animals are input, breeding records, pregnancy checks, health records, weaning, and yearling data can be applied. For example, if all 2016 spring heifer calves were vaccinated for Brucellosis, a "treatment" could be applied specifically to that group of animals. Treatments are created by choosing "Group Treatments" at the top of the page, and "Add Group Treatment".

Active Herd records are not official, however, animals whose records are created in active herd can be imported into a data reporting job. This will allow for official registration or data reporting. To select animals to be reported, go to "Animal List View" for the desired group. This will bring up a list of animals. Before loading animals in a data reporting job, each must have a tattoo and birthdate — such animals will display an "Active" status. Select the desired animals individually by clicking the box next to their number. At the top of the page, click the "Actions For Selected Animals" drop-down box. Choose the "Report/Register Animals" option. This will import the selected animals into a job. From here, additional data may be required before the job can be submitted.

Active Herd is a useful tool, free with membership. No program downloading is necessary — everything is maintained on herdbook.org, accessible from any computer. Log-in online today to get started.

Any questions can be answered by calling ASA's Processing Department at 406-587-4531 or email simmental@simmgene.com.



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LHT Mr. Lockdown 15E Sire: W/C Lock Down 206Z BW 1.0 WW 72 YW 114 API 123 TI 74



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Sire: W/C Lock Down 206Z BW 0.3 WW 70 YW 111 API 132 TI 74



LHT Mr. EO 48E Sire: W/C Executive Order 8543B BW 0.1 WW 62 YW 101 API 117 TI 68



LHT Mr. Lock Down 313D Sire: W/C Lock Down 206Z BW 0.3 WW 73 YW 118 API 130 TI 74



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Hooks Xpectation x Pacesetter x Fortune 500 Oct'16 Purebred Simmental Non-dilute red - Homo polled



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HSF High Roller x Beef Maker x Redcoat Aug'16 Purebred Simmetal ET Homo polled • Homo black results pending



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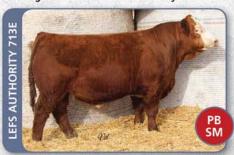
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W/C Executive Order x Mr NLC Upgrade



SAV Bismarck 5682 x Mr NLC Upgrade



CDI Authority 77X x Remington Lock N Load



W/C Bullseye 3046A x RC Club King 040R Bred to CCR Anchor



W/C Last Call 206A x TNT Gunner N208 Bred to Hook's Dealer



HILB Red Zone A32 x TNT Top Gun R244 Bred to CDI Rim Rock



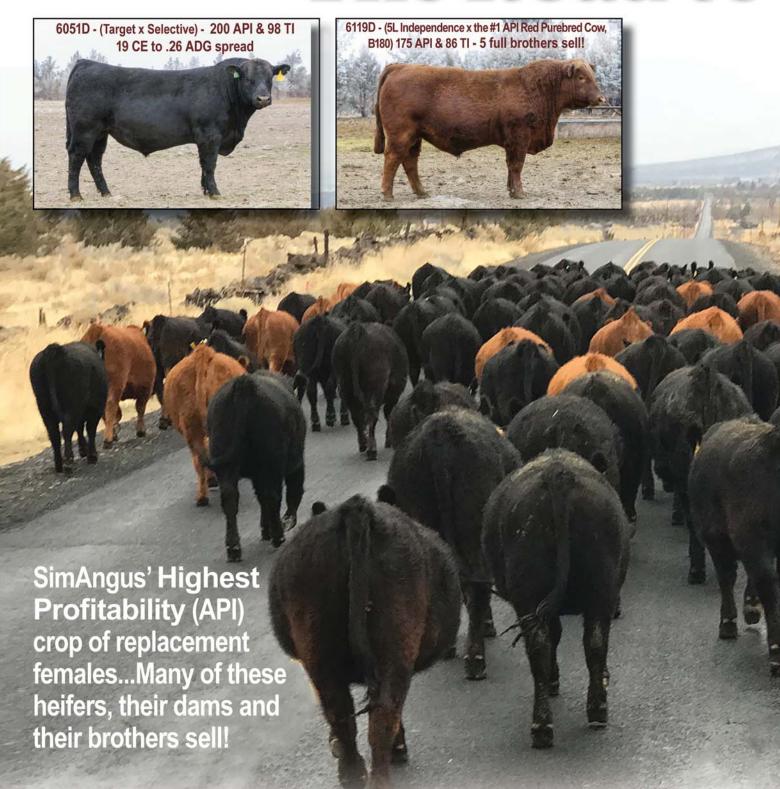
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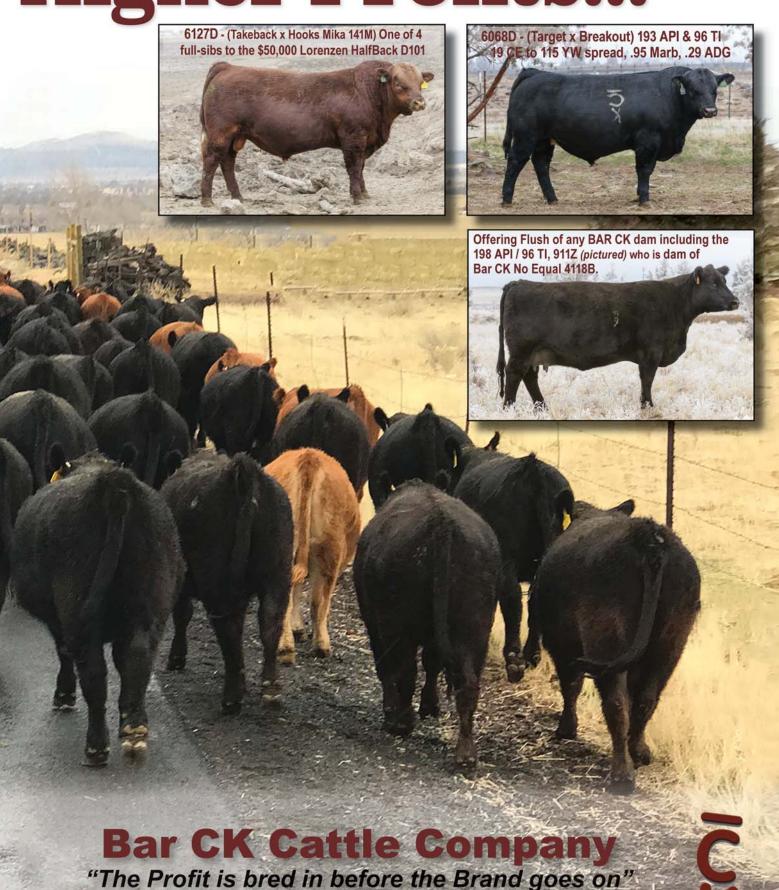


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PB · WW 853 · API 145 · TI 78
Boise x Tanker
5 Boise Sons Sell, All Homo Polled & BLK



PB · WW 858 · API 126 · TI 71 Broadway x Dream On 5 ET & 7 Maternal Brothers Sell



3/4 • WW 777 • API 146 • TI 84 Integrate x Premium Beef Many Calving Ease Bulls w/ Added Growth



3/4 • WW 790 • API 117 • TI 66
Tanker x Foundation
Growth Tanker Sons Sell



PB · WW 811 · API 135 · TI 76 Cash Flow x Tanker Standout New Sire



PB · WW 688 · API 137 · TI 78 Turning Point x Dream On 7 Maternal Brothers Sell



PB · WW 775 · API 148 · TI 85 Dew It Right x Substance Maternal Bulls Sell



5/8 • WW 649 • API 121 • TI 66 Santa Fe x Premium Beef Many % Simmental Bulls Sell



PB • WW 801 • API 147 • TI 85 Cowbow Cut x Upgrade Power Bulls Sell

Pictures & EPDs: Nov. 27, 2017

#### SIRES INCLUDE

Boise · Brilliance · Broadway · Cadillac · Cash Flow Classified · Cowboy Cut · Gravity · Integrate · Santa Fe Tanker · Turning Point · Wrangler

All bulls coat color tested and many polled tested.

Bulls will be wintered and semen tested, with delivery available.

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949 **F**2

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**2**J

#### **44TH ANNUAL BULL SALE**

SIMMENTAL, SIMANGUS™, ANGUS BULLS PRIVATE TREATY BID-OFF SALE

#### SATURDAY, JAN. 27, 2018 @ NOON

							ACT	ADJ				EPDS	)				
T/	AG	COLOR	%	PEDIGREE SIRE X DAM	DAM	DOB	BW	ww	CE	BW	ww	YW	MCE	MM	MWW	API	TI
_	01	BLK	3/4	NIGHTRIDE X ADDED VALUE	555	1-28	86	831	16	-1	75	115	13	15	52	167	91
	05	BLK	PB	DEW IT RIGHT X SUBSTANCE	557	2-1	85	775	13	1	83	118	10	13	55	148	85
_	08 12	BWF BWS	PB PB	CLASSIFIED X MOVIN FORWARD	1101 739	2-4 2-4	93 (ET)	802 772	6	2	71 69	109	8 10	18 24	54 59	120 126	72 71
	14	BLK	PB	BROADWAY X DREAM ON WRANGLER X CRIMSON TIDE	309	2-4	98	756	11	2	71	103	10	23	58	130	77
_	16	BLK	PB	INTEGRATE X RANCH HAND	O10	2-5	84	756	13	0	66	105	11	24	57	129	76
	17	BLK	3/4	SANTA FE X GAME PLAN	5137	2-5	88	714	8	1	70	104	12	22	57	132	74
7	18	BLK	PB	SANTA FE X SUBSTANCE	5139	2-5	76	762	12	-1	74	107	11	19	56	151	84
	20	BLK	AN	RESERVE X LONG DISTANCE	5131	2-6	64	648	9	0.1	43	78	4	21			
	22	BLK	PB	BOISE X GOLMINE	828	2-6	(ET)	761	14	0	60	87	12	25	55	139	73
	25 26	BLK BLK	PB	CASH FLOW X UPGRADE	133	2-7 2-7	84 92	721 749	10	1	68 74	99 114	9	20	55 57	135 143	78
	28	BLK	1/2 PB	BRILLIANCE X SUBSTANCE BROADWAY X DREAM ON	5129 739	2-7	(ET)	858	15 6	3	69	100	10	24	59	126	80 71
_	31	BLK	PB	BOISE X GOLMINE	828	2-8	(ET)	762	14	0	60	87	12	25	55	139	73
	32	BLK	5/8	GRAVITY X BISMARCK	260	2-9	92	748	12	0	65	97	13	21	54	139	73
7	33	BLK	1/2	RESERVE X DEW IT RIGHT	509	2-9	50	677	17	-3	61	95	8	22	52	140	79
7	38	BLK	PB	BROADWAY X GOLDMINE	828	2-9	(ET)	653	7	2	62	89	9	26	57	123	73
	41	BLK	3/4	TANKER X FOUNDATION	O66	2-10	91	790	7	0	68	106	10	15	48	117	66
	43	BLK	PB	BROADWAY X DREAM ON	739	2-11	(ET)	683	6	3	69	100	10	24	59	126	71
	47	BLK	PB	TURNING POINT X DREAM ON	739	2-11	(ET)	741	9	4	78	117	12	24	63	137	78
	49 50	BLK BWF	PB 1/2	DEW IT RIGHT X ADDED VALUE CLASSIFIED X NORTHERN IMPROVE	5133 OO4	2-12 2-13	90 88	756 787	13 9	2	77 63	106 97	11 7	11 17	50 48	142 105	78 66
	51	BLK	PB	GRAVITY X AMERICAN PRIDE	463	2-13	75	608	14	-2	46	66	13	25	48	143	67
	53	BLK	PB	TURNING POINT X DREAM ON	739	2-13	(ET)	688	9	4	78	117	12	24	63	137	78
	55	BLK	PB	BROADWAY X DREAM ON	739	2-13	(ET)	727	6	3	69	100	10	24	59	126	71
7	57	BWF	PB	BROADWAY X DREAM ON	739	2-14	(ET)	836	6	3	69	100	10	24	59	126	71
7	59	BLK	PB	CASH FLOW X TANKER	499	2-14	92	811	8	1	74	114	10	21	58	135	76
	60	BLK	PB	BOISE X GOLMINE	828	2-14	(ET)	803	14	0	60	87	12	25	55	139	73
_	64	BLK	PB	TANKER X GOLDMINE	828	2-16	(ET)	771	8	1	71	104	13	24	59	124	73
	65 66	RED BLK	5/8 3/4	PRIME TIME X DOUBLE J MR P501 INTEGRATE X PREMIUM BEEF	8125	2-16 2-17	94 80	722 777	11 16	-2	56 70	82 120	10 9	17 22	45 57	104 146	58 84
	67	BLK	3/4	TANKER X DUAL FOCUS	405 107	2-17	114	837	6	3	80	123	11	17	57 57	117	72
	69	RED	5/8	CADILLAC X REDESTINED	440	2-18	82	766	18	-2	68	96	9	19	54	152	80
_	75	BLK	PB	BOISE X CHAMBERLIAN	285	2-20	71	750	9	2	63	90	9	21	53	135	72
7	76	BLK	1/2	LONG DISTANCE SON X SUBSTANCE	5136	2-20	94	662	13	0	59	94	8	22	52	130	71
7	77	BLK	3/4	BROADWAY X IN FOCUS	105	2-20	94	693	8	2	59	92	10	22	52	125	70
_	79	BLK	5/8	SANTA FE X PREMIUM BEEF	507	2-20	86	649	10	0	58	88	10	22	51	121	66
	83	BLK	5/8	GRAVITY X COMBINATION	275	2-22	106	700	7	3	60	91	7	21	51	117	64
_	88	BLK	PB 3/4	BOISE X TANKER INTEGRATE X PROGRAM	348 3142	2-23 2-25	85 100	853 777	12	0 4	72 69	112 116	15 6	27 22	63 56	145 96	79
	91 92	BLK BWF	PB	BROADWAY X CLUB KING	118	2-25	108	723	6 3	5	66	101	11	26	59	120	64 70
	93	BLK	PB	INTEGRATE X ENCORE	2117	2-25	104	759	9	2	71	115	8	16	52	123	76
-	95	BLK	PB	KRJ B488 (TANKER) X WAY COOL	853	2-25	104	737	6	4	67	101	8	19	53	104	66
7	96	BLK	PB	INTEGRATE X BLACK DIAMOND	393	2-25	98	807	9	3	81	132	9	21	62	121	78
7	100	BLK	PB	COWBOY CUT X MOVIN FORWARD	172	2-26	80	693	14	-1	62	86	12	25	56	154	79
	101	BLK	PB	COWBOY CUT X UPGRADE	3106	2-27	90	801	11	2	80	114	9	23	63	147	89
	102	BLK	PB	GRAVITY X 600U - BIG SKY	965	2-27	98	748	8	4	69	104	9	28	62	133	73
	103 104	BLK BLK	1/2 3/4	BRILLIANCE X DEW IT RIGHT TANKER X BISMARCK	519	2-27 2-27	76 112	624 810	16 7	-2 2	55 78	83 121	7 13	22 21	49 60	135 122	68 74
	111	BLK	PB	TANKER X DREAM ON	106 180	3-2	95	795	8	1	69	102	13	17	51	124	71
	112	BWS	PB	COWBOY CUT X DREAM ON	847	3-3	93	741	14	i	65	84	15	22	54		77
	113	BLK	3/4	BOOMTOWN X ABOVE PAR	890	3-3	96	647	11	2	61	95	6	17	47	119	67
7	117	BLK	РΒ	ADDED VALUE X TURNING POINT	530	3-3	92	815	12	2	80	115	11	16	56	154	85
	120	BLK	5/8	BOOMTOWN X DREAM ON	286	3-3	87	651	13	0	59	88	11	21	50	128	69
	121	BLK	3/4	COWBOY CUT X ENCORE	2123	3-4	94	715	12	2	68	91	11	19	53	142	80
	123	BLK	5/8	BOOMTOWN X TUITION	414	3-5	82	775	13	-1	73	113	6	16	52	140	81
	124 127	RED	PB	KUNTZ SHERIFF X MADAGASCAR	525	3-6	83 104	787 845	16 15	-1	78	121	14	26	65 65	146	82
	127	RED BLK	PB 1/2	KUNTZ SHERIFF X SHAMWOW BOOMTOWN X RANGE BOSS	813 491	3-10 3-10	104 75	734	15	1 -2	81 65	124 98	10 8	24	65 56	142 145	81 80
	130	BLK	3/4	DJF C5155(ADDED VALUE)X UPGRADE	3127	3-10	81	788	16	-3	61	91	10	24	55	146	80
	132	BLK	1/2	BOOMTOWN X RIO 116	AT50	3-16	84	716	13	-1	62	90	6	21	52	127	73
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														0		, -	

## MINERAL AND VITAMIN SUPPLEMENTATION FOR BEEF CATTLE

By Robert Sager, DVM DABVP Ph.D.



This article is one of a series as an overview for producers to understand how a specific mineral/vitamin program will optimize performance while improving health and reducing costs. These articles are written to focus and address what may be needed or what you as a producer should consider before purchasing a mineral and vitamin program for your beef production needs. It is the wish of this writer that these articles will stimulate thought and written planned goals for a more complete and specific mineral/vitamin program that will focus on the specific needs of your operation. Most producers are looking for a specific cost-effective program that increases performance while decreasing costs.

All animal feeds contain inorganic or mineral elements utilized by animals for maintenance and production of normal metabolism. Mineral elements occur in the tissues and cells of animals in functional proportions, in various chemical combinations of different concentrations, dependent on the element and the desired function. Concentrations need to be maintained within a narrow limit if the tissue is functional and structural integrity for growth, health, and productivity of the animal is to be unimpaired. Deficiencies of mineral elements are dependent on many different properties causing altered physiological pathways, biochemical lesions, and structural abnormalities. Normal body metabolism that adjusts to a specific deficiency can delay or minimize deficiency signs because of age, sex, and species of the animal (Underwood and Suttle, 2004). Clinical signs often appear months after deficiencies that affect performance, growth, and required normal immune function. Desired prevention of mineral deficiency requires supplementation in the diet in a palatable and non-toxic form of the required mineral of proper amount, proportion, and bioavailable forms.

#### Factors influencing consumption of mineral/vitamin mixtures include:

- 1) Soil fertility and forage type
- 2) Season of year
- 3) Available energy and protein
- 4) Individual requirements

Mineral supplements need to be evaluated for accuracy of formulation and suitability for cattle when optimizing production goals. The most important is palatability. Palatability is critical as intake is the most important factor in a good mineral/vitamin program. When intake is low additives can be used to increase intake. A simple one pound dried molasses formulation added to 50 pounds of mineral can increase mineral by 25-50 % in most cases. Summer and other seasonal changes affect intake and some-

- 5) Salt content of water
- 6) Palatability of mineral mixture
- 7) Availability of fresh minerals
- 8) Physical form of minerals

times it is noted in just one herd of an operation not affecting other herds on the same ranch location. Many times the answer is not found but usually intake will adjust favorably in a two week period of time. This is why one person and a log record are important in the total mineral program. A well designed custom mineral/vitamin program can provide optimum nutrients required for your operation instead of a "hit and miss" approach using a regional or national brand formulation.

#### **Basic mineral functions are:**

- Regulatory: specific minerals regulate cell replication and differentiation with trans-cription and transduction properties.
- Catalytic: minerals act as catalysts in enzyme and hormone functions with metalloenzymes that are important components of metabolic functions of cells.
- Physiological: electrolyte functions required by tissues contain specific minerals that function as membrane osmolality and permeability, acid-base balance, and tissue irritability.
- Structural: formation of structural organ and tissue components in stabilization of molecules and membranes within the body.

Vitamins are a group of chemicals that are essential for normal cell function, growth and development, and maintenance of overall health. There are 13 vitamins that are essential for body function with many vitamins synthesized by rumen microbes. Vitamins are vital for good health, normal performance and reproduction. It is common for vitamins to be formulated in mineral products. Management of these products needs to be focused as vitamins undergoing oxidation and sunlight will deteriorate and be less effective. Recommendations are to place a level of a product to be consumed within three days at one time to prevent breakdown of vitamin formulations. Vitamin A levels can decrease within four to five days in sunlight and wind because of oxidation of this fragile vitamin. This is one of the most important vitamins during gestation while cows are on dormant forages.

#### **Vitamin and Mineral Requirements**

With current mineral and vitamin research constantly written and published, with focus on target marketing of mineral and vitamin products from nutrition companies toward beef cattle producers, and the vast differences in geographical factors affecting mineral requirements and needs in beef cattle production, confusion becomes common concerning what is required and needed for optimal production requirements for your mineral needs in your herd. In the past 50 years, United States beef cattle production has increased nearly 50% due to improved genetics, advances in nutrition, biotechnology, advances in animal health, and value added management. Many requirements are values established by the National Research Council in the 1950s and 1960s are now outdated in many instances, considering the changes in beef cattle production. Current efforts are now being made to update these recommendations with the current recommendations for cobalt (Co) being increased last year to 20 mg/kg of feed intake (nearly double from past recommendations). With improved genetics and constant focus on improved performance one can understand that one national or regional product does not always "match" a specific herd's needs. Today beef cattle production involves animals that are 35 to 40% larger anatomically, grow at increased rates, are developed with more focus on muscle growth with improved efficient gain per day of age when compared to 50 years ago. Beef cattle are grown in larger feeding facilities with increased population densities and increased microbial environments that potentially magnify pathogen densities and increased risk for bovine respiratory disease (BRD). Modern beef cattle feedlots do increase efficiency of production but inadvertently cause increases in BRD. Feed rations to increase ADG (average daily gain) challenge the nutrient intake for specific mineral-vitamin requirements for both proper immune function and enzyme metabolism needed for increased performance.

One ideal management recommendation is to put out enough mineral/vitamin product for three days (oxidation of vitamin A is critical after three to four days and covered options are ideal) and have one person assigned to record amounts taken to specific pastures or lots and log out (initial or sign and date) and manage the mineral program at each operation. Oxidation, sunlight, and wind/rain are factors that reduce the efficacy on vitamin and mineral products regardless of supplier. A recorded log with one person responsible will prove and record use and is cost effective, and often

this management is critical in determination of intake or consumption that is needed per supplier recommendations. Following intake recommendations for the age and size of the animal is critical no matter the supplier. How forage is mechanically harvested will affect micromineral levels in the forage since leaves often contain more micro-minerals (three to four times with some minerals) than the stems or stalks, particularly in legumes. This is critical for copper and other elements needed for immune function and overall health during stressful times in growth and gestation.

First and most important is the fact that vitamin and mineral requirements vary greatly with location, geological soil mineral differences, water sources with total dissolvable solids (TDS), life cycles or stages of growth and reproduction of the animal. Weather and environmental factors and related stresses may require additional intake to meet body needs. Even the breed of beef cattle has varied different requirements of specific minerals and vitamins, as has been proven in research. Continental breeds require more micro-minerals than British breeds (Simmental breeds or Simmental cross breeds require almost twice the Cu intake than Angus for example). One product will not "fit" all requirements or needs as advertised. Intake and requirements can vary with many factors as stated above. Analysis of water and forage samples vary significantly on the same ranch often only short distances apart. Soil and water mineral contents will vary during drought and reservoir TDS (total dissolvable solids) will vary after rainfalls of 0.5 inches or more after runoff has accumulated. Why is this matter a concern? As many minerals interact or antagonize others, many micro-minerals often antagonize required elements for optimum health and performance. Your feed costs are the largest expense for production needs and the average ranch mineral/vitamin costs will vary greatly but will usually cost about \$55 per cow-calf unit per year. You will spend three or four times more for a mineral program than you will for veterinary or health costs in most situations. A custom or specific mineral program is cost effective, as most producers will agree. A good specific mineral vitamin program will be cost effective in many ways of reducing health concerns and increasing performance, thus decreasing labor for increased production. Custom programs are easily completed by specialists at minor costs (considering the total yearly costs) and many times the cost occurred is offset after the purchase of two tons of a custom program or less compared to the original mineral program.

The 17 minerals required for normal performance and reproduction minerals are divided into two categories as requirements for each vary; macro-minerals; calcium, phosphorus, magnesium, potassium, sodium, chlorine, and sulfur: (Ca, P, Mg, K, Na, Cl, S) and micro-minerals with requirements below 100mg / per head / per day as cobalt, chromium, iron, iodine, manganese, molybdenum, nickel, selenium, zinc, and copper (Co, Cr, Fe, I, Mn, Mo, Ni, Se, Zn, and Cu). Most common production systems meet macro-mineral requirements with forages and adequate mineral consumption with micro-mineral deficiencies being the most common concerns for performance, affecting health status because of antagonistic interactions between specific minerals. Enzyme and immune system function deficiencies are challenged and appear months before clinical signs appear and economic losses sustained during this time often go unnoticed, but can be large and performance and health is decreased.

CONTINUED ON PAGE 50

## Quality not Quantity



BCLR CASH FLOW C820 x TNT TONNER N374

PB SM • Reg #: 3322895

API: 124 • TI: 70



CDI AMBITION 255C x CDI AUTHORITY 77X **PB SM • Reg #:** 3322850 **API:** 128 • **TI:** 80



W/C EXECUTIVE ORDER 8543B x WHF DESPERADO 212G

PB SM • Reg #: 3168510

API: 119 • TI: 69

Bred to KS Home Run.



KS HOME RUN B23 x W/C UNITED 956Y

5/8 SM 3/8 AN • Reg #: 3168478

API: 145 • TI: 75

Bred to BCLR Wide Load C21-3.



TNT RED EYE A212 x CDI VEGAS 26X
3/4 SM 1/4 AR • Reg #: 3168600
API: 131 • TI: 61
Bred to Bieber Driven B105.



WS PRIME TIME B6 x WS BEEF KING W107

PB SM • Reg #: 3168638

API: 131 • TI: 75

Bred to Bieber Driven B105.

#### Quality, not Quantity.

A simple phrase we have stood by since the beginning. As our cowherd has grown, our commitment to quality has never wavered: functional, productive cattle with all the bells and whistles you need to make your herd profitable and problem-free.

We invite you to join us for our annual production sale. It's not the largest offering you will find, but it will be filled with quality until the final gavel falls.



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REMINGTON LOCK N LOAD 54U x HSF HIGH ROLLER 12T CDI AMBITION 255C x BROWN VACATION H7106 PB SM • Reg #: 3322964 API: 127 • TI: 70



3/4 SM 1/4 AR • Reg #: 3322834 API: 115 • TI: 63



WS PRIME TIME B6 x CDI AUTHORITY 77X PB SM • Reg #: 3322838 API: 134 • TI: 82



BCLR CASH FLOW C820 x S A V 004 DENSITY 4336 3/4 SM 1/4 AN • Reg #: 3322863 API: 129 • TI: 70



CCR FRONTIER 0053Z x KS CAPTN JACK T518 5/8 SM 3/8 AN · Reg #: 3322932 API: 135 • TI: 77



CCR WIDE RANGE 9005A x TNT AXIS X307 PB SM • Reg #: 3322842 API: 133 • TI: 77



CDI AMBITION 255C x NF TRUMP S582 PB SM • Reg #: 3322925 API: 133 • TI: 77



ANDRAS NEW DIRECTION R240 x WS BEEF KING W107 1/2 SM 1/2 AR · Reg #: 3323007 API: 137 • TI: 74



BIEBER ROLLIN DEEP Y118 x BROWN VACATION H7106 PB AR • Reg #: 3786697 HB: 83 · GM: 51





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## MINERAL AND VITAMIN SUPPLEMENTATION FOR BEEF CATTLE

CONTINUED FROM PAGE 47

Nutritional management efforts to minimize health problems affect production throughout life (Smith, 2005). Demand for higher quality beef products and increased value-based marketing have heightened producer's awareness of health management practices with potential to increase profitability and beef product quality. Feedlot producers able to purchase calves more likely to remain healthy during the feeding period could potentially increase profits through reduced costs and higher revenues, thus creating returned interest and repeat buyer competition for increased return to the producer.

Nutritional management decisions toward improved health status decreases sickness and increases profitability (Maas, 2005; Smith, 2005). In the event that the immune system is activated, nutrient partitioning is altered, which subsequently decreases growth rate. The concentrations of trace minerals need to be maintained within narrow limits if the functional integrity of cells and tissues vital to normal immune function of the animal are to remain unimpaired. Trace mineral deficiencies in beef cattle have showed altered immune system function. Deficiencies of trace minerals have been shown to alter specific components of both the innate (cellular) and adaptive (antibody forming system) portions of the immune system and deficiencies require the animal to metabolically compensate for the nutrient deviation. In the process of compensation immune system function can be depressed and thus decrease animal performance and health. Interactions between the immune system

and micro-minerals in beef cattle are extremely complex as micro-minerals are necessary for normal immune response to infection and disease. The differences in micro-mineral metabolism of beef cattle often determine the status of response to infection and disease because of breed, physiological status (pregnancy), feed or water antagonists, environmental factors, and influence of stress. The remaining articles will go into more detail of the use of a designed mineral/vitamin program to meet your requirements and improve performance and health. The next article is mineral/vitamin programs for yearling bull development.

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Maas, J. 2005, Cobalt Deficiency in Ruminants. Large Animal Internal Medicine: 4th ed. 908-911. McDowell, L.R., 2000. Vitamins in Animal and Human Nutrition: 2nd ed. Iowa State Press, Ames, Iowa, USA. Smith, B.P., 2005. Large Animal Internal Medicine. 2nd ed. Mosby Publishing, USA. pages 541-547. Underwood, E.J. and N. F. Suttle. 2004. The Mineral Nutrition of Livestock, 3rd ed. CABI Publishing, Wallingford Oxon OX10 8DE UK, 251-282.



This picture was taken in Byransk Oblast, Russia in August of 2014 showing extreme copper deficiency in yearling steers affecting the immune system and causing BRD (with a mortality of 3% per month). This was a direct result of antagonistic interactions of water and soil minerals affecting normal absorption. These animals pictured were mass treated four times with injectable antibiotics before supplementation started the day after the picture was taken. Copper sulphate (CuSO4) supplementation treatment mixed in the water supply at three times NRC requirements for three weeks then dropped to 1.3 times NRC for three weeks completely turned the morbidity and mortality around in ten days and 92% of the herd of over 500 head were harvested seven months later with 65% grading Choice.

The author traded five pounds of Gummy Bears from America for five pounds of CuSo4 from a Russian dairy farmer as the steers were located more than 500 miles from the nearest supplier.

#### ver is our



**LLSF Pays To Believe ZU194** 

ASA#: 2659897 • Pays To Dream x Trademark Homozygous Black/Heterozygous Polled

Pays To Believe is the spectacular 2015 NWSS and 2014 NAILE Grand Champion Bull! His first calves are averaging 5 digits in public auctions and his full-sib sisters averaged \$16,000 in Lee's 2014 fall sale.



EPDs:

Dam: URA Baby Doll





**WLE Big Deal A617** 

EPDs: CE: 10 \$API: 105 \$TI: 63 ASA#: 2743620 • Homozygous Polled Steel Force x Shawnee Miss 770P Big Deal is exciting at Mid Continent Farms

& Wesner Livestock. Big Deal is calving easily and adding value to progeny! Maternal brother to Uno Mas.



**CNS-HFS Payload A330** 

EPDs: CE: 11 \$API: 110 \$TI: 63 ASA#: 2747228 • Homozygous Black, Heterozygous Polled • Pays to Dream x Navigator. Extra sound structured, calving ease, solid black bull with added depth to make complete, sound progeny. He has no white on face to use

on heifers or cows.



**TNGL Grand Fortune Z467** 

ASA#: 2654876 • Grandmaster x STF Montana Black

2014 NWSS Champion Bull! Homozygous Black & Homozygous Polled

Exciting, extra complete first progeny with lots of extension!



CE: 10 \$API: 126 \$TI: 67



donor dam, Hope Floats



2014 NWSS Champion Bull

\$16,000 Grand Fortune daughter



GLS New Direction X184

ASA#: 2536539 • Better Than Ever x Powerline New Direction is the homozygous polled, Dream On free, outcross pedigree sire that you can use with

confidence to make sound. soggy, Sim-influenced progeny! New Direction sired the "Power Simmy" selection at The One Sale a heifer brought in from Hilbrands Cattle Co. MN.



HILB Fashionista — \$10,000 New Direction daughter at

EPDs: CE: 3 \$API: 97 \$TI: 54



Reserve Champion NWSS Pen of Three Bulls for GLS, all sired by New Direction.



New Direction bred at GLS, MN



HILB Maverick - \$50,000 New Direction son at The One Sale



FBF1/SF Ignition A811

ASA#: 2749323 • Combustible x In Dew Time Homozygous Black/Homozygous Polled

Ignition packs an unprecedented load of muscle shape and internal dimension together with excellent structure and profile. Ask Randy Daniels, Trent Templeton and Todd Alford about progeny!

CE: 10 \$API: 100 \$TI: 61



Ignition's fantastic full sister



2016 NAILE Reserve Champion SimSolution Junior Show by Ignition



ASA#: 2789551 • Shear Force x GW Lucky Man

CE: 9 \$API: 147 \$TI: 86

Heterozygous Black Homozygous Polled

Damien is a fantastic, calving ease prospect. We never imagined that we would own this much eye-appeal. Genetic outliers with "look" are rare and we're way excited about Damien! Solid black — use on baldy heifers and cows to remove white.





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#### ver is our



K-Ler Kingsman 610D 5/8 SimAngus™

ASA#: 3125337 • Homozygous Black/Homozygous Polled WC Executive Order x GW Predestined 701T

Kingsman was the high-selling bull in the 2017 "The One" Sale, selling to John Lee, CO. Kingsman puts together as nearly a perfect combination of EPD profile, genetic merit, unique pedigree power, structural soundness, and real-world functionality and phenotype as any sire available! Move your herd to a higher kingdom with Kingsman!





Kingsman's full sister was a Reserve Division Champion at the 2017 NWSS!



Kingsman's other full sister at the "The One" Sale brought \$25,000 to Werning, SD.

CE: 6 \$API: 117 \$TI: 64

W/C Loaded Up 1119Y

ASA#: 2654155 • Remington Lock N Load x 3C Macho Heterozygous Black/Homozygous Polled

Half-interest sold for \$240,000 at the 2017 Embryos on Snow sale to Griswold! Loaded Up is out of a great cow family, will moderate frame, improve front ends, and maintain soundness!



CE: 9 \$API: 108 \$TI: 62



Loaded Up's famous dam!



Loaded Up daughter - many time champ for Skiles, TX.

Loaded Up son at Werning's.



**TL Bottomline 38B** 

ASA#: 2905451 WS Pilgrim x Fat Butt Heterozygous Black/ Homozygous Polled

Bottomline will add power and PIZAZZ to your next calf crop. He's going to especially work great on Steel Force, Uno Mas and Pays influenced females.

Grand Champion Bull at 2016 NAILE and American Royal, Res. Champion at 2017 NWSS!







Bottomline's Reserve Champion paternal sister out of a Broker dam speaks to the quality of this mating opportunity!

Bottomline's paternal brother is

out of a Broker dam...he's the \$400,000 Profit!

His full sister commanded \$25,000 at the 2017 "The One" sale!



**TKCC Carver 65C** 

ASA#: 3045230 • WS Pilgrim x Driver Homozygous Black/Homozygous Polled

Carver was the high-selling and lead-off bull in the Kearns 2016 Sale. His dam, Dolly, has produced some extremely well received and valuable progeny of both sexes! He's a real-world bull to use on anything with white on it . . . he'll add performance and great type!

Carver's Maternal sister by GLS New Direction at Rains and Bird



CE: 10 \$API: 123 \$TI: 70



Carver's dam is the famous donor, Dolly



Carver was the lead-bull in the Kearn's 2016 Champion Pen!





#### **KRMS Primary Candidate B204**

ASA# 2994148 OMF Double Shot x Mo Better Heterozygous Black/Homozygous Polled

EPDs: CE: 9 \$API: 119 \$TI: 69

The 2016-2017 Triple Crown Champion Percentage Bull, winning NWSS, NAILE, and American Royal!



#### Jass On The Mark 69D

ASA# 3210989 Loaded Up x In Dew Time Black/Polled

EPDs: CE: 8 \$API: 113 \$TI: 66

An exciting bull who should sire a bit more frame than his popular sire. His dam was 4th overall B&O at the AJSA National Classic! She's an In Dew Time x Macho.



#### K-Ler Cash Flow 528C

ASA# 3042933 Make It Rain x Miss Kansa

EPDs: CE: 4 \$API: 103 \$TI: 64

Cash Flow was a successful show bull and is a brother to the famous many-time champion heifer of Ritchey's a few years back!



#### **JBSF Road Trip 213D**

ASA# 3133021 RLYF Roll Tide x Macho

EPDs: CE: 7 \$API: 97 \$TI: 59

Road Trip is an eye-appealing 3/4 blood raised by Bloombergs. His dam was the 2009 Illinois State Fair Supreme Champion Female.



Rocking P Legendary C918

ASA#: 3070709 • Harkers Icon x SVF Steel Force Homozygous Black/Homozygous Polled

Legendary is a direct son of deceased Icon, and is an ultra-sound, good-footed, soft-middled bull with tons of function and eye appeal. He was a successful show bull for Rocking P, being a division champion at NAILE, and winning Sweepstakes and the Kentucky State Fair. Bloomberg's added Legendary to their powerful herd battery, selecting him as the second high-selling bull at "The One".



Valentine is Legendary's legendary maternal granddam, and foundation donor for many of the Rockin P

success stories!

CE: 9 \$API: 116 \$TI: 61

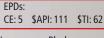
EPDs:



VCL LKC Dagger 605D

VCL LKC The Duke 633D

ASA#: 3173463 • Profit x BF Miss Crysteel Tango Full brother to The Duke and Profit Maker



Homozygous Black, Homozygous Polled

EPDs:



CE: 6 \$API: 100 \$TI: 61

Heterozygous Black,

Homozygous Polled. The ultra stout, solid black anchor bull to the 2017

Purebred Pen for Voglers.

VCL LKC Dagger 605D



**LLSF Better Believe It D64** 

Homozygous Black,

EPDs:

Heterozygous Polled

CE: 7 \$API: 112 \$TI: 68



Both Better Believe It and Charged Up share this donor dam: LLSF Cayenne

CE: 7 \$API: 109 \$TI: 65

Homozygous Black, Heterozygous Polled



ASA#: 3173461 • Profit x BF Miss Crysteel Tango

VCL LKC Profit Maker 604D

ASA#: 3173459 • Profit x BF Miss Crysteel Tango



ASA#: 3152728 • Pays To Believe x LLSF Cayenne

**LLSF Charged Up D66** ASA#: 3152726 • Pays To Believe x LLSF Cayenne

These two full brothers, Better Believe It and Charged Up were members of the Lee Simmental Farms 2017 Champion Denver Pen of Five.



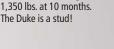
In just her short time in production, she's produced over \$500,000 in progeny sales. She's the dam of popular 2014 champion Firefly, who produced Hartmans high selling bull!

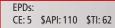
Dam: BF Miss Crysteel Tango





2017 NWSS Reserve Grand Champion Pen of Three





Homozygous Black, Homozygous Polled This eye-appealing high selling bull for Vogler's was also the lead bull in their Reserve Champion Denver Pen!



Maternal sister: Firefly 311A. She was Grand Champion Female 2014 American Royal.



Sister to Firefly - 3rd Overall B&O at the National Classic, Kersten, NE.



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With maternal cows that produce performance bulls, and generate extra pounds, come sale day.



Sire: IPU Redneck • Purebred
Reg #: 3340732 • 205 Wt: 876

CE BW WW YW MCE Milk MWW API TI
8 3 82 122 11 28 69 119 76



Sire: Kuntz Sheriff • Purebred
Reg #: 3340754 • 205 Wt: 839

CE BW WW YW MCE Milk MWW API TI
16 1 83 126 16 30 72 129 79



 Sire: DKSR End Zone • Purebred

 Reg #: 3344378 • 205 Wt: 894

 CE BW WW YW MCE Milk MWW API 3
 TI

 3 5 75 100 10 24 61 106 68



Sire: IPU Redneck • Purebred Reg #: 3340747 • 205 Wt: 851 CE BW WW YW MCE Milk MWW API TI 3 5 81 115 5 24 65 93 64



Sire: KWA Red Integrity • Purebred
Reg #: 3340476 • 205 Wt: 850

CE BW WW YW MCE Milk MWW API TI
9 3 78 114 11 24 63 122 74



Sire: Kuntz Sheriff • 3/4 SM 1/4 AN Reg #: 3344195 • 205 Wt: 820

CE BW WW YW MCE Milk MWW API TI
16 0.1 84 133 14 24 66 157 87



**Cow POWER!** E47 is pictured nursing his dam on summer pastures.



Sire: IPU Redneck • Purebred

Reg #: 3201802 • Bred to: Kuntz Sheriff

CE BW WW YW MCE Milk MWW API TI

10 2 76 110 11 24 62 115 72

KEVIN HANSEN FAMILY Cell: 701-720-6551 Ranch: 701-758-2571



WADE STAIGLE FAMILY Cell: 701-226-6464 Ranch: 794-3351



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### 140 BULLS • 55 BRED HEIFERS Red • Black • Simmental • SimAngus™



Sire: BDV Doc Holiday • 3/4SM 1/4 AN Reg #: 3344192 • 205 Wt: 817

CE BW WW YW MCE Milk MWW API TI



Sire: CCR Wide Range • 5/8 SM 3/8 AN Reg #: 3344190 • 205 Wt: 850

CE BW WW YW MCE Milk MWW API TI



Sire: ASR Augustus • 3/4 SM 1/4 AN Reg #: 3340687 • 205 Wt: 769

CE BW WW YW MCE Milk MWW API TI 49 137 74 14 1 72 113 8 14



Sire: IPU EL Tigre · Purebred Reg #: 3344243 • 205 Wt: 795

CE BW WW YW MCE Milk MWW API TI 3 72 103 9



Sire: TJ Power Grid • 5/8 SM 3/8 AN Reg #: 3344202 • 205 Wt: 838

CE BW WW YW MCE Milk MWW API TI 10 2 75 119 8 18



Sire: MRL Black Hawk • Purebred Reg #: 3340698 • 205 Wt: 862

CE BW WW YW MCE Milk MWW API TI 12 1 75 104 12 17



Sire: CCR Wide Range • 3/4 SM 1/4 AN Reg #: 3201777 • Bred to: BLCR Wild Card

CE BW WW YW MCE Milk MWW API TI 8 2 72 115 11 23 59 136 77



Cow POWER! E85 is pictured nursing his dam on summer pastures.

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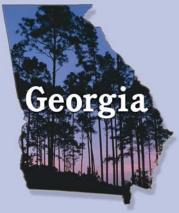
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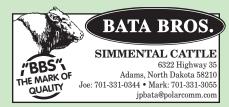




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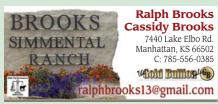
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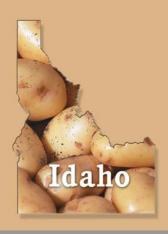




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ASA 3313620 BD: 1-5-17 BW 78 lbs WW 841 lbs Erixon Bitten 203A x SAS Licorice S532 (SRS J914 Preferred Beef)

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ASA 3313583 // BD: 3-8-17 BW 88 lbs WW 870 lbs Erixon Bitten 203A x SAS Licorice S532 (SRS J914 Preferred Beef)

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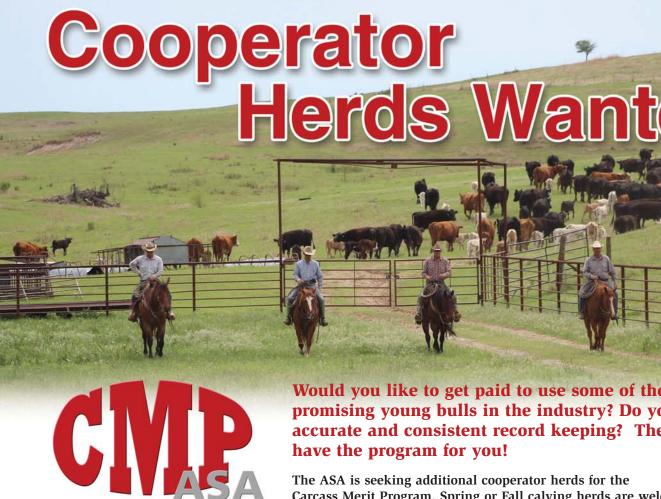




ASA 3326691 BD: 12-12-16 BW 71 lbs WW 790 lbs SS/PRS High Voltage 244X x RB Lady WW 308-988 (SAV Net Worth 4200)



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- ♦ Cooperators will get carcass data back on all the calves harvested through the program.
- ♦ A portion of the CMP calves have feed intake collected and records shared with the cooperators.

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- ♦ ASA assigns all matings in a random fashion so that the test produces unbiased, accurate results.
- ♦ ASA will work to provide bulls that fit the general criteria of your herd. However ASA must use only bulls that are enrolled in the program.
- ♦ At least two sires will be used per contemporary group and ASA likely will use several sires per contemporary group to provide better more accurate test results.
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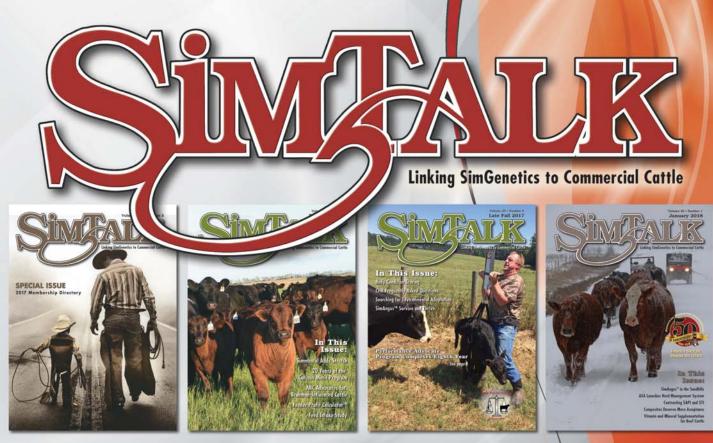
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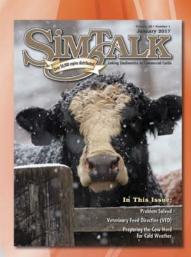
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Breeder Directory 2018	May 1	May 10	May 23	June 12
Early Fall 2018	July 23	Aug 1	Aug 10	Aug 24
Late Fall 2018	Sept 21	Sept 28	Oct 9	Oct 22
January 2019	Dec 5	Dec 14	Dec 21	Jan 9





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Jacked Up x Basic Instinct

# Gentlons Event

Approx. 1:00 PM (following the feeder sale)
West Point Livestock Market, West Point, NE

#### Sires include...

Pay The Price,
Executive Order,
Jacked Up, Steel
Force, Pays to Believe,
Jack Around,
Grand Fortune,
Cowboy Cut,
Power Drive and
Duracell.

#### Donor Dams of Bulls...

Right to Love, Flirty 46T, JS She's So Fine 14P and 457W



Pay The Price x Shear Force



Pays To Believe x Dew It Right

#### VOLK H

Dean Volk
Battle Creek, NE
402.992.9997
Cuming Creek Cattle
Chris Knievel 402.380.3237



Dave & Lisa Zeis Valley, NE 402.720.196



Clint Robinson Valley, NE 402.672.3556



Ken Steenhoek 515.979.9713 Jay Steenhoek 515.238.5938 Scott Grass 515.689.1012



Troy Hadden Castana, IA 712.281.2690

## South Dakota Simmental Association



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PO Box 23 Highmore, SD 57345 605-769-0142 ceffling@tsin-fre.com

#### **Harley Cable**

23447 Rocky RD Pukwana, SD 57370 605-894-4464 hdcable@midstatesd.net

www.southdakotasimmental.com

## TSN SIMMENTALS



**E597**Nightride x G A R Prophet

5/8 SM 3/8 AN \$API: 186 \$TI: 95



E250

Substance x 701T 3/4 SM 1/4 AN \$API: 160 \$TI: 85



March 20, 2018

Platte Livestock Market, Platte, South Dakota

Selling 50 Simmental and SimAngus™ Bulls



E399

Cowboy Cut x Dream On PB SM \$API: 156 \$TI: 88



E373

G A R Prophet x Singletary 1/2 SM 1/2 AN \$API: 179 \$TI: 102



27005 360th Ave. Platte, SD 57369 605-337-3503 Tim's cell 605-207-0229

www.tsnsimmentals.com



E594

MSR Tenacity x TSN Protege 1/2 SM 1/2 AN \$API: 160 \$TI: 80



E593

Nightride x Frontier 1/2 SM 1/2 AN \$API: 159 \$TI: 86



F554

CCR Frontier x G A R Prophet 1/2 SM 1/2 AN \$ API: 146 \$TI: 86



E565

G A R Prophet x Upgrade 1/2 SM 1/2 AN \$API:175 \$TI: 103



E176

TSN Protege x G A R Predestined 1/2 SM 1/2 AN \$API:160 \$TI: 91



E178

Cowboy Cut x Final Answer 3/4 SM 1/4 AN \$API:157 \$TI: 89

#### INDUSTRY UPDATE

#### **Beef. It's What's For Dinner, Relaunched**

Twenty-five years after establishing one of the nation's most iconic food brands, America's beef farmers and ranchers are leveraging the strong equity of the "Beef. It's What's For Dinner." tagline to reintroduce the brand to a new generation of consumers. The relaunch will blend the strongest assets from the longtime brand — such as the famous Aaron Copland "Rodeo" music, the well-known tagline, and couple those with new creative assets.

The overall effort was designed with Millennial media preferences in mind. The campaign was launched in October with digital advertising and a new digital platform at www.beefitswhatsfordinner.com — a single, comprehensive location that provides an interactive experience on all things beef, from cuts and cookery to a robust collection of beef recipes to an inside look at the lives of the people who raise beef.

To launch the campaign, NCBA has produced an "anthem" video that features a new twist on the familiar children's song, "Old McDonald Had a Farm," to celebrate the American tradition of ranching while shedding light on what's new about raising food today. This past summer, the Beef. It's What's For Dinner team traveled more than 3,800 miles from coast to coast to capture video, images and stories about the real people who raise beef. The new series of videos and content will feature only real farmers and ranchers from across the country. Consumers will learn, through the video series, about each step of the beef production process, from farms and ranches to feedlots to processing and from retail and to the consumer.

Later in the year, new advertisements that celebrate beef's unique qualities as a protein source will launch to appeal to consumers' genuine love for beef, along with virtual tools such as 360-degree videos that show how beef goes from pasture to plate.

The recently completed beef checkoff-funded National Beef Quality Audit, showed that a higher percentage of beef is grading Prime and Choice — the two highest grades the US Department of Agriculture assigns — than it has in more than 35 years. Steak tenderness has achieved its best tenderness scores since testing began in 1990, according the "National Beef Tenderness Study."

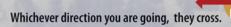
**CONTINUED ON PAGE 76** 



## BUY THE BEST DON'T JUST BUY A BULL

#### Gateway Simmental and Lucky Cross bulls

are bred to deliver better females and better beef! Consider our moderate framed, big bodied bulls with great EPDs for calving ease, maternal calving ease and stayability. Gateway bulls can get you back in the business of delivering long term value into your future. 80 plus bulls qualify as 4 star calving ease bulls. 90% rank in the top 10% for API. Buy Gateway bulls this spring to deliver heterosis, durability and generations of proven maternal adaptability!



SALE BULL AVERAGE EPDs:

API	TI	CE	BW	ww	YW	MCE	MILK	MARB	REA
169	85	17	-1.7	64.5	106	11.5	24	0.71	0.69
3%	4%	6%	15%	35%	21%	11%	30%	5%	50%



5L ADVANTAGE 560-108B x GW MISS PD 770Y 700B RED HOMO POLLED 1/2 SM 1/2 AR

CE	BW	WW	YW	MCE	MILK	MWW
15	-0.7	66	100	8	19	52
DOC	CW	YG	MARB	REA	API	TI
11	28	-0.1	0.61	0.48	151	77



GW COMMOTION 333B x GW MISS PREDESTINED 109Y RED HOMO POLLED 5/8 SM 1/4 AN 1/8 AR

Œ	BW	ww	YW	MCE	MILK	MWW
15	-2.2	74	115	11	20	57
DOC	CW	YG	MARB	REA	API	TI
12	35	-0.25	0.55	0.82	158	86



GW MOVIN ON 183C x GW MISS PREDESTINED 147Y RED HOMO POLLED 5/8 SM 1/4 AN 1/8 AR

CE	BW	ww	YW	MCE	MILK	MWW
16	-1.9	74	124	12	22	59
DOC	CW	YG	MARB	REA	API	TI
14	41	-0.14	0.78	0.68	182	92



GW YUKON JACK 612B x GW MISS CARRY ON 586C RED HOMO POLLED 5/8 SM 3/16 AN 3/16 AR

CE	BW	WW	YW	MCE	MILK	MWW
16	-2.4	66	100	11	23	56
DOC	CW	YG	MARB	REA	API	TI
11	26	-0.14	0.53	0.65	156	81



GW MOVIN ON 183C x GW MISS GRADUATE 552C HETERO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	ww	YW	MCE	MILK	MWW
22	-6.2	62	106	_11	25	57
DOC	CW	YG	MARB	REA	API	TI
14	24	-0.2	0.68	0.69	179	89



GW MOVIN ON 183C x GW MISS GPRD 600B RED HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
19	-3.9	65	114	10	27	59
DOC	CW	YG	MARB	REA	API	TI
15	33	-0.13	0.8	0.62	187	91

#### 38<sup>TH</sup> Annual Gateway "Breeding Value" Bull Sale

Monday, February 5, 2018 at Noon, MST
Offering 250 Bulls at the Ranch near Lewistown, Montana

ALL BULLS SELL WITH GENOMIC ENHANCED EPDS FREE FEEDING UNTIL APRIL • FREE DELIVERY



Marty Ropp 406-581-7835 Corey Wilkins 256-590-2487 www.alliedgeneticresources.com





#### Jim and Tom Butcher

Jim 406-350-0467 • Tom 406-350-0979 butcher@3riversdbs.net • 2109 Joyland Road, Lewistown, MT 59457 www.gatewaysimmental.com

Chris Miller, Larry Hagenbuch, Logan Butcher

## THE DAYS OF THE **SHOTGUN APPROACH**TO GENETIC DECISIONS HAVE PASSED



551SM09010 • REG: 2854467 • DOB: 3/20/2014

#### BLACK HAWK

- Blackhawk is the absolute ticket to use on purebred cows and heifers to make better purebred progeny.
- Top 15% or better for CE, BW, MARB, \$API and \$TI, among bulls that can sire purebred progeny.
- Jaw dropping phenotype and structure with across the board genetic improvement for all traits.

CE BW	WW	YW	MCE	Milk	Stay	DOC	CW
17.2 -4.1	58.0	94.2	10.5	29.0	23.3	12.4	20.4
YG	Marb	BF	RE	A Sh	ear	API	TI
-0.37	0.60	-0.019	1.12	2 -0	.52	183.0	82.3
						EPDs as	of Fall 2017



High Fertility Sex Sorted Semen

#### MAXIMIZE YOUR GENETIC PROGRESS



551SM09014 • REG: 2854458 • DOB: 2/23/2014

#### BOUNTY

- Bounty's first calf crop has stunning physical presence and blowing the doors off performance!
- Not a "toy" bald faced bull...this guy will sire growth, volume and muscle mass.
- Bounty is deep sided, thick topped and massive front to rear. Plus he is a puppy dog for demeanor.

CE	BW	WW	YW	MCE	Milk	Stay	DOC	CW
8.1	1.3	83.3	128.2	7.3	23.9	13.1	11.6	47.8
YG		Marb	BF	RE	A Sh	ear	API	TI
-0.37		0.48	-0.06	6 1.1	1 -0	.19	143.9	86.1
							EPDs as	of Fall 2017

The Best way to predict the future is to Create It



XY\* and Sexing Technologies\* sex-selected sperm products are made using the proprietary technologies of XY LLC and Inguran LLC, as partially represented by US patents 7208265, 6524860, 6357307, 6604435, and 8623657. Patents Pending worldwide. XY\* sex-selected inseminates are packaged as single use artificial insemination doses for heifers not to be divided or used in MOET or IVF procedures. STgenetics is a division of Inguran LLC. XY is a registered trademark of XY, LLC. The STgenetics logo/mark and SexedULTRA are trademarks of Inguran LLC. Sexing Technologies and the STg logo/mark are a registered trademarks of Inguran LLC. Product of the USA.

18th Annual

Thursday,

# FEB. 1, 2018 1:00 PM CST, Aberdeen Livestock, Aberdeen, SD Bull Sale





TJ CROSSFIT

75 Red & Black Simmental Bulls & 30 Open Simmental Heifers

Other Sires Represented • GW Premium Luck 889A • Kuntz Sheriff 8A • RC Principal 451A • TJ Makers Mark 215Y • TNT BCR Unified B203



**STAV UNIFIED 11E** #3231035 • Black • 3/4 SM 1/4 AN TNT BCR UNIFIED B203



**STAV RED OAK 14E** #3231045 • Red • 3/4 SM 1/4 AN GW RED OAK 295B



STAV SHERIFF 15E #3231047 • Red • Purebred **KUNTZ SHERIFF 8A** 



STAV MAKERS MARK 23E #3231061 • Homo Black • 3/4 SM 1/4 AN TJ MAKERS MARK 215Y



**STAV RED OAK 29E** #3231072 • Red • 3/4 SM 1/4 AN GW RED OAK 295B



STAV RED OAK 36E #3231086 • Red • 3/4 SM 1/4 AN **GW RED OAK 295B** 



**STAV PREMIUM LUCK 41E** #3231101 • Black • 3/4 SM 1/4 AN **GW PREMIUM LUCK 889A** 



STAV RED OAK 50E #3231113 • Red • 3/4 SM 7/32 AN 1/32 CS **GW RED OAK 295B** 



#3231155 • Homo Black • 3/4 SM 3/16 AN 1/16 AR WINC HOSS 562C



STAVICK SIMMENTAL

Mike, Myra, Owen & Livie Stavick 605-237-4663 (Mike) 605-551-9016 (Owen) stavickx@tnics.com





**STAV UNIFIED 70E** #3231163 • Black • 3/4 SM 1/4 AN TNT BCR UNIFIED B203

www.stavicksimmental.com

Auctioneer: Tracy Harl 402-469-3852 • Publication Representative: Jeff Thomas 406-581-8859 Sale Representative: Luke Keller 701-471-1142 • Cattle Business Weekly: Kris Peterson 701-339-0305



Your Bull Battery



#### You wouldn't buy any other ranch input without proof of value!

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to be confident you are getting profit based genetics you can bank on.



GET IT ALL. Calving Ease, breed leading growth, with proven maternal strength and the best, value added carcass traits in the beef business.

The impact of new sires is far longer than we usually consider. If they are still breeding cows in five seasons, the last calves will come in 2023. That means you should

76 Allied SimAngus™ Al Sires	AVERAGE +164 \$API Top 4%	AVERAGE +88 \$TI Top 3%
61 Allied Purebred and 3/4 Al Sires	AVERAGE +155 \$API Top 2%	AVERAGE +81 \$TI Top 3%

still have plenty of daughters into the mid 2030s! With that long term impact on your cow herd and industry changes that mean more dollars for genetically better calves, can anyone really afford to take chances?



Use IGS EPDs to guarantee value! They are third party verified and backed by data from millions of individuals and the best in DNA genomic technology in the business. You literally wouldn't buy anything other ranch input without solid proof of value. Genetics just might be your most important investment. Buy where you see the Allied logo and get the profit based genetics that you deserve.



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## >>> February 17, 2018 \*\*\*

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Clint Woodrow – 620-794-7601 • clint@badgercreekcattle.com Chance Stout – 620-803-9494 • Glenn Woodrow – 618-316-0039



Sale Manager

Graham Blagg • 530-913-6418 graham@innovationagmarketing.com

innovationagmarketing.com

#### INDUSTRY UPDATE

CONTINUED

#### USDA Withdraws Meat Processing Rule

USDA has announced it is withdrawing an interim final rule — widely opposed by the processing industry — addressing sales of live animals between farmers and meat and poultry processors.

Known as the Farmer Fair Practice Rules, the set of regulations was initially promoted as protecting farmers and ranchers from anticompetitive business practices and would have updated the Grain Inspection, Packers and Stockyards Administration (GIPSA) Packers and Stockyards Act of 1921. The rules addressed such issues as how competitive injury is determined and how preferences are determined in the poultry grower ranking system.

The rule was published in the Federal Register in December and went into effect on October 19, after an extension of the comment period.

The interim final rule would have broadened the scope of the Packers and Stockyards Act related to using "unfair, unjustly discriminatory or deceptive practices" and to giving "undue or unreasonable preferences or advantages," the National Pork Producers Council (NPPC) said in a statement. Specifically, the rule would have made such actions violations of federal law even if they didn't harm competition or cause competitive injury.

"We're very pleased that the secretary will withdraw these bad regulations, which would have had a devastating impact on America's pork producers," said NPPC President Ken Maschhoff, a pork producer from Carlyle, IL. "The regulations would have restricted the buying and selling of livestock, led to consolidation of the livestock industry — putting farmers out of business — and increased consumer prices for meat."

**CONTINUED ON PAGE 82** 

# BMERWEHER RENCH

PRODUCTION

At the Ranch - Manhattan, KS

SELLING...

60 Simmental and SimAngus™ Bulls Fall Yearling and 18 month old.

Complete Data & DNA Enhanced

30 Fall Pairs and Spring Bred Females

Registered, Young, and Productive. The result of our 50 Year

Simmental Breeding Program!

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Special Thanks to all Buyers at our Fall 2017 Production Sale, including TNT Simmentals, Almont, ND for purchase of IR IMPERIAL!

IR IMPERIAL D958

### Kline Simmental Ranch

6th Annual Bull & Female Sale, 2pm, February 11th, 2018

Offering 45 Simmental & SimAngus Bulls
150 Commercial Simm X and 12 Registered Bred Heifers
Blacks & Reds - Al and Bull Bred - Ultrasound Due Dates

#### MRL Red Whiskey IOIB X KLSR Morning Dove YIO



ASA#3335215 2/27/17 ACT BW:93 ADJ WW:833 CE BW WW YW MCE 6.9 5.3 96.9 141.7 11.3 MM MWW API TI 13.9 62.4 126.3 82.6

#### WS Prime Beef 28 X 3D Red Power 1502



ASA#3311268 2/21/16
AI Safe to Kuntz Sheriff 8A
CE BW WW YW MCE
13.3 0.4 84.3 126 9.3
MM MWW API TI
18.8 61 145.8 85.9

#### SAV International 2020 X TNT Tanker U263



ASA#3336836 2/27/17 ACT BW:90 ADJ WW:792 CE BW WW YW MCE 2.5 2.5 75.3 121.9 1.1 MM MWW API TI

30.6 68.3 86 71.7

#### Rendezvous Midnight 442B XPB Angus



ASA#3346898 2/12/17
ACT BW:94 ADJ WW:759
CE BW WW YW MCE
4.8 3.6 73.3 100.8 2.1

MM MWW API TI
21.8 58.5 86.1 64.7

#### LFE The Riddler 323B X HA Image Maker 0415



ASA#3335228 2/28/17 ACT BW:93 ADJ WW:771 <u>CE BW WW YW MCE</u> 9.9 2.5 71.2 105.7 12.2 <u>MM MWW API TI</u> 22.3 57.9 113.2 67.9

#### MRL Red Whiskey IOIB X CNS Dream On L186



ASA#3311312 2/26/17 ACT BW:94 ADJ WW:784 CE BW WW YW MCE 9.4 3.6 76.9 113.9 9 MM MWW API TI 19.6 58.1 126.2 74

#### IPU Royal Flush 4C X CDI King Red 216Y



ASA#3335210 3/4/17 ACT BW:93 ADJ WW:849 CE BW WW YW MCE 5.8 3.7 75.1 114.3 4.6 MM MWW API TI 20.6 58.2 105.6 70.7

#### IPU Royal Flush 4C X TNT Gunner N208



ASA#3335220 3/25/17 ACT BW:104 ADJ WW:831 CE BW WW YW MCE 4.8 6.4 76.4 109 6.3 MM MWW API TI 16.4 54.6 104.5 67

50K, Polled and Coat Color Tested

Check website for updates, videos &to request a catalog. Visitors welcome anytime, 5 west & I north of Hurdsfield ND

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Matt & Emily Eddy Emersyn &
Landri

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Meeting the industry's demands and our customer's needs... with one of the largest selections of Black and Red Simmental and SimAngus™ bulls in the United States. Unmatched customer service and the no-nonsense, commercially focused bulls you've come to expect.

#### **BULL SALE**

FEBRUARY 19, 2018

★ 1:00 PM ★

BILLINGS LIVESTOCK

COMMISSION

BILLINGS, MONTANA

175 YEARLINGS



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#### LARSON XL SIMANGUS

#### WHICH ONE WOULD YOU CHOOSE?

Pedigrees, EPD's and API's will help as this group of bulls is our heaviest ever. We have 86 bulls on test with an average 205 weight of 734 lbs. 71 of the bulls are AI sired.

#### THE ANSWER IS OBVIOUS. Whichever one you choose, HE'LL BE A GOOD ONE!



H4H 709 • 205 wt. 701 lbs. Joe Canada x Mytty In Focus



**XL 737** • 205 wt. 745 lbs. SAV Renown x SVR Rito 814



**XL 752** • 205 wt. 796 lbs. *NLC UpGrade x R717* 



**XL 785** • 205 wt. 792 lbs. Sitz Upward x Olie



**XL 75J •** 205 wt. 796 lbs. Tanker x In Focus 4925



XL 75K • 205 wt. 796 lbs. SAV Renown x Rito 4D7



**XL 70 •** 205 wt. 722 lbs. SDS Graduate x In Focus 4925



XL 718X • 205 wt. 787 lbs. Rockmount x LRS 662Y



**XL 750** • 205 wt. 690 lbs. SDS Graduate x In Focus 4925

#### 40th Annual Production Sale

Tuesday,

February 27, 2018 • 1:30 p.m. (cst)

Kist Livestock, Mandan, ND

DVAuction

Offering: 80 Yearling SimAngus™, Simmental and Angus Bulls and 15 Elite Bred Heifers

Featuring sons of Premium Beef, SDS Graduate, Heisman, Renown, Tanker, Cowboy Up, UpGrade, Guinness, New Direction, Joe Canada, Black Granite and Full Power.

- ✓ Bulls are on a high roughage ration to insure longevity.
- Semen checked with a full first breeding season guarantee.
- ✓ Volume discounts with free delivery in the Dakotas.



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Guest Consignor:

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Semen: \$100/unit

CATTLE Sisions

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# REVIVAL

Sire: Uprising MGS: Power Drive [tested homo black, homo polled] Reg. #: 2913874



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2 YEAR OLD PHOTO



Ohio Beef Expo Reserve Supreme Heifer Jones



Zack Gray



Goehring

Revival is the ultra-exciting, record selling purebred Simmental bull at "The One", commanding \$160,000! Cattlepersons from all breeds admired his sleek design, soundness of structure, ample muscle shape, cleanness of joints, and "out of this world" neck extension.



#### INDUSTRY UPDATE

North American Meat Institute President and CEO Barry Carpenter, in a statement, said the rule would have harmed farmers and ranchers, as well as consumers, retailers and meat packers and processors by limiting marketing agreements that allow the industry to meet consumer demand for various animal handling and production requirements, such as organic, grass-fed, and raised without antibiotics, limiting the availability of these products for consumers.

The National Chicken Council (NCC) called the rule "ill-advised" and "likely to inflict billions of dollars of economic harm to American agriculture," exceeding GIPSA's statutory authority.

"Eight different circuit courts of appeal have addressed a key issue underpinning the rules — the need to prove competitive injury to demonstrate a violation — and they have uniformly and resoundingly rejected the position advanced by GIPSA in these three rules," NCC said in a statement.

#### **Antibiotic Resistance** an Increasing Concern

While resistance to antibiotics remains low for most human infections, US health authorities are closely monitoring a few areas of concern, according to the latest National Antimicrobial Resistance Monitoring System (NARMS) Integrated Report.

The annual NARMS report highlights antimicrobial resistance patterns in bacteria isolated from humans, raw retail meats, and animals at slaughter. The report also provides information derived from whole genome sequence data about resistance genes for all Salmonella and some Campylobacter isolates.

Findings of the latest report, produced by the US Food and Drug Administration, the Centers for Disease Control and Prevention and the USDA's Food Safety and Inspection Service, include: Seventy-six percent of Salmonella isolated from humans had no resistance to any of the 14 antimicrobial drugs tested; Multidrug resistance increased from 9% to 12% of human Salmonella, driven largely by an increase in combined resistance to ampicillin, streptomycin, sulfonamides, and tetracycline among a Salmonella serotype; Ceftriaxone resistance either continued to decline or remained low in nontyphoidal Salmonella from all NARMS sources except turkey hazard analysis and critical control point (HACCP) samples, where the percent resistance in 2015 (15.7%) was the same as 2010 levels; While still rare, azithromycin resistance occurred in Salmonella, in some cases in strains with resistance to other antibiotics; Erythromycin resistance in Campylobacter coli increased three-to five-fold between 2011 and 2015 in isolates from humans (2.7% to 12.7%) and from chicken carcasses (3.4% to 12.8); Transmissible quinolone resistance in Salmonella may be increasing;

**CONTINUED ON PAGE 92** 



# J&CSIMMENTALS 23rd Annual Bull Sale

January 27, 2018 • 12:30 PM

West Point Livestock • West Point, NE



E30 • PUREBRED
ONE EYED JACK X LUCKY MAN



E207 • PUREBRED
PAYS TO BELIEVE X DJ SALUTION



E711 • PUREBRED

ROYAL AFFAIR X MISS FANCY YARDLEY



E223 • PUREBRED INNOCENT MAN x ZOOM



E712 • PUREBRED
INNOCENT MAN X CNN LUCKY GIRL (DONOR)



E723 • 3/4 BLOOD
INNOCENT MAN x Ms Sure Bet Z869



E50 • PUREBRED HEIFER
GLS CASH FLOW X JOKER



E704 • PUREBRED
ZOOM ZOOM X CNN SWEET THING (DONOR)



E32 • 5/8 BLOOD HEIFER INNOCENT MAN x 3C TENFOLD

Selling... 150 Bulls 20 Opens 10 Breds



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Clark, 402-720-3323 • volkjk@aol.com

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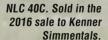
# NELSON LIVESTOCK COMPANY ANNUAL BULL SALE



NLC Cow Boss 160C. Sold in the 2016 sale, owned by Southern Cattle Co., T Heart Ranch and Nelson Livestock Co. \L

No creep.
No pampering.
No hard feed.
No problems.

When you buy bulls from Nelson Livestock Co., you expect maintenance free genetics. Our rugged, forage based operation is designed to be as close to the conditions of our primary customers' as we can make them. Environmentally tested black and red SimAngus™ and Simmental genetics for no-miss crossbreeding solutions. Selected for generations to thrive without extra inputs, and then produce high value feeder cattle that generate efficiency, beef value and profits all





MONDAY

# APRIL 9, 2018

AT THE RANCH NEAR WIBAUX, MONTANA

50 Black and Red SimAngus™ Bulls 20 Black and Red Purebred Simmental Bulls 5 Purebred Angus Bulls

Pictures and data on sale bulls available on our website early March. Contact us or visit our website to be added to the mailing list.



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Marty Ropp 406-581-7835 Corey Wilkins 256-590-2487 www.alliedgeneticresources.com

# A Long-Term Committeent to POWERFUL GENETICS

February 2, 2018

At the Kunkel Ranch, South of New Salem, ND • 1 P.M. Central 55 Simmental & SimAngus™ Yearling Bulls

30 Simmental & SimAngus™ Bred Heifers



Red Deputy x Rushmore • PB SM ASA# 3330662 • 205 Adj. 774 • Homo Polled



Whisky River x Freedom • 3/4 SM 1/4 AR ASA# 3330673 • 205 Adj. 829



Red Deputy x Rushmore • PB SM ASA# 3330669 • 205 Adj. 794 • Homo Polled



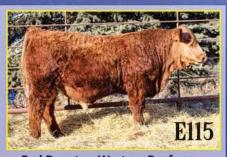
Red Nation x All In • PB SM ASA# 3330840 • 205 Adj. 800 • Homo Polled



Red Rocket x Beef Maker • PB SM ASA# 3330719 • 205 Adj. 849 • Homo Polled



Red Deputy x Shamwow • PB SM ASA# 3330811 • 205 Adj. 820 • Homo Polled



Red Deputy x Western Beef • PB SM ASA# 3330842 • 205 Adj. 929



Gladiator x Enforcer • PB SM ASA# 3330702 • 205 Adj. 787 Homo Polled • Homo Black



Gladiator x Red Zone • PB SM ASA# 3330691 • 205 Adj. 832 Homo Polled • Homo Black

Call to be added to our mailing list and to request a catalog!

Dusty & Kayla Kunkel, New Salem, N.D. (701) 471-5342 • (701) 843-7006

www.kunkelsimmentals.com

E-mail: kdkunkel@westriv.com • Visitors always welcome!







# C Diamond Simmentals

120 Red & Black Simmental & SimAngus™ bulls will sell



CDI 280E | CDI AMBITION 255C x CDI MS TRUMP 76U Red Polled PB SM

CED BW WW YW MCE MM MARB REA 5.5 5.8 83 128 8.2 22.3 0.10 1.00

Feb. 28, 2018 C Diamond Ranch // Dawson, ND



CDI 212E| TJ MAKERS MARK 215Y x CDI MS GUNNER 2S Hetero Black homo polled 3/4 sm 1/4 an

CED BW WW YW MCE MM MARB REA 13.0 2.5 78.7 116.8 13.9 31.4 0.30 1.05





CDI 314E | CDI ABUNDANCE 39IC x CDI MS SHARPERIMAGE 138B RED HOMO POLLED PB SM CED BW WW YW MCE MM MARB REA

ASA# 3287084

API: 173 T1: 84

CDI 232E | DJF FORTIFIED A357 x HOOK`S BEYONCE 82B Homo Black homo polled PB SM

CED BW WW YW MCE MM MARB REA 17.1 -1.0 62.3 102.7 10.1 24.4 .52 1.10



LCOR 77E | TJ Power Grid x WS Mother Lode W21 HETERO BLACK HOMO POLLED 3/4 SM 1/4 AN

CED BW WW YW MCE MM MARB REA 12 1 77 117 12 25 29 .8

CDI 273E | CDI HOMETOWN 246A x CDI MS BEEF KING 74Z Red Homo Polled PB SM

CED BW WW YW MCE MM MARB REA



CDI 254E | CDI PERSPECTIVE 238A x CDI MISS POWER GRID 30C RED HOMO POLLED PB SM CEO BW WW YW MCE MM MARB REA 15 -1.9 76.4 110.4 10.3 21.6 0.35 .86



CDI 208E | JC MR WARDEN 844A x HOOKS NAN 3N Black Homo Polled PB SM

CEO BW WW YW MCE MM MARB REA II.1 .8 72.1 II4.2 9.4 20.6 .27 LIB



LCDR IIOE | PA FULL POWER X SAV BLACKCAP MAY 6566 Homo Black Homo Polled PB AR



#### **C DIAMOND SIMMENTALS**

Neil & Carmen Nicholson (701) 391-6205 Wesley & Kelsey Nicholson (701) 391-2838 4720 34th Ave SE, Dawson, ND 58428

#### LAZY C DIAMOND RANCH

Chris & Julia Nicholson (701) 391 -6904 6235 23rd Ave SE, Kintyre, ND 58549 Like" us on facebook "C Diamond Simmentals"

www.cdiamondranch.com





LCDR 142E | TJ MAIN EVENT x CDI MS BEEF KING 52Y HOMO BLACK HOMO POLLED 3/4 SM 1/4 AN CED BW WW YW MCE MM MARB REA

1.6 98 145 10 20 .26 0.99



LCDR 94E | TJ MAKERS MARK x IR MS VALIOSA TOO9 (GW LUCKY ONE) Homo black homo polled 3/4 SM 1/4 An





CDI 219E | CDI SHERIFF 258C x CDI MS HIGH ROLLER 29Y POLLED PB SM

CED	BW	WW	YW	MCE	MM	MARB	REA	
13.8	-0.3	66.2	97.7	12	24.6	0.38	1.21	



LCDR 82E | WS CEO CI55 x KBHR CLARA CO93 (GAR PROPHET) HOMO BLACK HOMO POLLED 3/4 SM I/4 AN CED BW WW YW MCE MM MARB REA 10 .6 77 122 12 33 .66 .91



LCDR 106E | CCR ABILENE x LCDR MS CLAIRE 96C (HOOK'S APOLLO) HOMO BLACK HOMO POLLED 3/4 SM I/4 AN CED BW WW YW MCE MM MARB REA

.8 83 129 10 26



LCDR 81E | CDI AMBITION x CDI MS TRUMP IOIY RED HOMO POLLED PB SM CED BW WW YW MCE MM MARB REA



OMO POLLEO 
 CED
 BW
 WW
 YW
 MCE
 MM
 MARB
 REA

 9.1
 1.2
 89
 133.4
 7.4
 26
 0.28
 .84



LCDR 92E | REMINGTON LOCK N LOAD x SAV BLACKCAP MAY 6566 Homd Black Homo Polled 1/2 SM 1/2 An 
 CEO
 BW
 WW
 YW
 MCE
 MM
 MARB
 REA

 12
 0.3
 58
 119
 11
 20
 0.32
 .79



CDI 279E | CDI HOMETOWN 246A x CDI MS XPECTATION 79A HOMO POLLED PB SM 
 CED
 BW
 WW
 YW
 MCE
 MM
 MARB
 REA

 14
 -3
 64
 112
 9
 32
 1.06
 .47



LCDR 89E | cdi abundance x hsf red fortunes sis RED HOMO POLLED PB SM CED BW WW YW MCE MM MARB 12 1.5 82 120 12 31 .15 1.08

LCOR 139E | OLF OTIS X CDI MS IRENE IB RED HOMO POLLED 3/4 SM CED BW WW YW MCE MM MARB REA



#### YOUR TRUSTED SOURCE

FOR BOTH SEEDSTOCK AND COMMERCIAL HERDSIRES THAT RAISE THE BAR FOR BOTH OVERALL PHENOTYPIC BALANCE AND GENETICALLY BUILT IN PROFIT POTENTIAL.

# R.A. BROWN RANCH 3rd Annual Spring Bull Sale Wednesday, March 14, 2017

over 215 head of age-advantage eighteen month old bulls







44 Angus Bulls



128 Red Angus Bulls

Cattle designed to move the beef industry on the road to sustained profitability.



# SIMMENTAL RANCH

#### 22ND ANNUAL PRODUCTION SALE | FEBRUARY 10, 2018 1:00 PM | AT THE RANCH - LEEDS, ND

Selling 120+ Bulls & 70 Bred Heifers | Black & Red - Purebred & SimAngus™and Red Angus



RBS Boise X B C Matrix EPDs 12 0.3 66 102 11 23 56 API 136 TI 67



Hook's Bozeman X NLC Break Free EPDs 16 -0.9 67 111 11 22 56 API 152 TI 79



**KS Home Run X Sitz Tradition** EPDs 14 -0.5 62 109 7 22 53 API 134 TI 74



BCLR ShamWow x KS Penny (KS Saturn)



**SL Ultimatum X Beckton Nebula** 



LRS Viewpoint X LFEBiss Black Advance EPDs 11 1.6 75 113 7 33 70 API 142 TI 81 EPDs 9 -1.5 67 102 17 -2 5 Herd 118 Grid 52 EPDs 7 3.9 70 106 9 24 59 API 121 TI 70 Al bred to Hook's Bozeman

Roger, Jeanette & Erika Kenner 5606 57th St NE Leeds, North Dakota 58346 Phone 701-466-2800



Erika 406-581-1188 erika.kenner@gmail.com Herdsman: Bryan Leapaldt 701-466-2553 · C. 701-739-8764



## Welcome to the cutting edge

Our new GGP lineup delivers amazing power to genomically enhance your EPDs.

Today, you can plan, select and manage young seedstock with the prediction accuracy of older bulls siring several calf crops. You can save years on your herd goals — for less than it costs to fill up with gas.

We not only make DNA testing easy. We make it profitable. From fast sampling of calf DNA to quick turn-around with new products that work in powerful synergy. From time-saving conveniences to a full range of innovations designed to help you take full advantage of beef genomics.

There are exciting new ways for us to work together to attain your goals with Simmental, SimAngus<sup>™</sup>, Simbrah and SimAngus HT cattle. And we would love to be your partner as you brand your legacy in the 21st Century. To learn more, contact ASA at (406) 587-4531 or visit www.simmental.org



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# OOF in the PROGENY





















866-356-4565 Sexed Semen Available

Semen available through Owners or Cattle Visions



Jeff 765-620-0733



Jared Royer 573-489-2900

Long's Simmentals Rob 641-344-3028 Tyler 641-344-5085

KA Cattle Co Roger & Koty Allen 715-684-9222

#### INDUSTRY UPDATE

From 2014 to 2015, there was a decline from 73% to 57% in the proportion of retail ground turkey Salmonella isolates resistant to at least one antimicrobial. Historically, the majority of isolates from turkey sources have been resistant to at least one antimicrobial.

#### **Exports Expected to Increase**

Export sales for beef, chicken and pork are expected to rise in 2018, compared with 2017, despite the uncertainty surrounding the renegotiation of the North American Free Trade Agreement (NAFTA) and the future of other trade pacts, according to Brett Stuart, founding partner of Global AgriTrends in Denver.

Stuart discussed the state of the global protein market in a conference call hosted by Stephens Inc. analyst Farha Aslam, she said in a note to investors summarizing the conversation.

"In 2018, US protein exports will be critical to pricing given production of beef, pork and poultry are expected to increase. Trump's nationalistic focus and the administration's efforts to renegotiate existing trade deals have added a degree of uncertainty in the outlook for US protein exports," Aslam wrote.

Stuart projected that beef exports will be up 6% next calendar year, chicken up 2%, and pork up 4%, largely because of increased domestic production. The international beef market is likely to be friendly toward greater US beef supply as prices have dropped and the Australian cattle herd is still constrained by drought.

Chicken exports, meanwhile, are seeing solid demand from smaller markets such as Angola and Kazakhstan, helping to support prices. As well, capacity has put a ceiling on near-term supply growth.

The ramping up of US production of pork will help that protein be attractively priced in the international market, but likely at lower prices. The NAFTA renegotiations concluded a fourth round last week with a fifth round scheduled for Mexico City in November. Media reports indicate little progress so far.

In addition, the Korean-US bilateral pact is under scrutiny; as that agreement provides US beef and pork duty-free access to South Korea, meat processors would prefer that nothing in this deal be changed.

The US has been slow to develop bilateral relationships to replace the Trans-Pacific Partnership (TPP) that President Trump pulled out of earlier this year. At the same time, though, other countries have continued to solidify their business exchanges through the TPP, and the European Union has signed a bilateral free trade agreement with Japan.

**CONTINUED ON PAGE 96** 



#### K-Ler Kingsman 610D



ASA#: 3125337 EPDs: CE: 17 \$API: 154 \$TI: 90

#### W/C Executive 187D



ASA#: 3182363 EPDs: CE: 13 \$API: 134 \$TI: 80

#### **Yardley Utah Y361**



ASA#: 2641894 EPDs: CE: 8 \$API: 119 \$TI: 65



**FHEN Halftime A127** 



ASA#: 2884737 EPDs: CE: 13 \$API: 142 \$TI: 78



**Halls Confidence A30** 



ASA#: 2852652 EPDs: CE: 19 \$API: 139 \$TI: 70



W/C Lock Down 206Z



ASA#: 2658496 EPDs: CE: 22 \$API: 156 \$TI: 79



W/C United 956Y



ASA#: 2614725 EPDs: CE: 9 \$API: 147 \$TI: 92



**W/C BF Innocent Man 174A** 



ASA#: 2785174 EPDs: CE: 7 \$API: 98 \$TI: 52



W/C No Remorse 763Y



ASA#: 2614801 EPDs: CE: 3 \$API: 70 \$TI: 50



**TJ Franchise 451D** 



ASA#: 3148384 EPDs: CE: 14 \$API: 151 \$TI: 92 Triangle J's 2017 sale topper and stoutest bull ever produced!

**GLS/JRB Cash Flow 163C** 



EPDs: CE: 9 \$API: 115 \$TI: 70

**CCR Anchor 9071B** 



EPDs: CE: 20 \$API: 164 \$TI: 82

**Rousey Gold Strike 512C** 



EPDs: CE: 19 \$API: 150 \$TI: 85

**WS Stepping Stone 844** 



EPDs: CE: 12 \$API: 125 \$TI: 74

**Longs the Player C33** 



EPDs: CE: 7 \$API: 109 \$TI: 65

#### **CCR Flint Hills 2092B**



ASA#: 2882607 EPDs: CE: 14 \$API: 149 \$TI: 90

#### W/C Holy Smoke 060C



ASA#: 3041168 EPDs: CE: 8 \$API: 145 \$TI: 92

#### **WHF Tenfold C38**



ASA#: 3118596 EPDs: CE: 17 \$API: 154 \$TI: 70

#### **GCC CM Stockbroker B005**



ASA#: 2883938 EPDs: CE: 4 \$API: 97 \$TI: 60

W/C Last Call 206A



EPDs: CE: 13 \$API: 135 \$TI: 71

#### Flying B Mondo 430B



ASA#: 2939745 EPDs: CE: 5 \$API: 97 \$TI: 49

#### **GCC Whizard 125W**



ASA#: 2511023 EPDs: CE: 13 \$API: 97 \$TI: 55

#### **Hara's Distinction 10C**



ASA#: 3083878 EPDs: CE: 6 \$API: 94 \$TI: 71

#### **CCR Masterlink 9054C**



ASA#: EPDs: CE: 7 \$API: 157 \$TI: 87

#### W/C Red Revolver 8443C



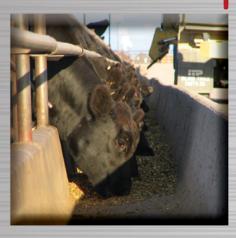
ASA#: 3041173 EPDs: CE: 12 \$API: 102 \$TI: 51

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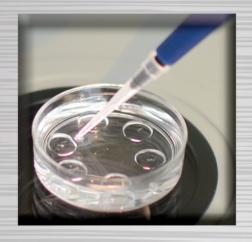
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## Generations of Loonan Loyalty

Our relationship with the Livingston family started back in 1984 when Rob bought his first bull from us which was a Simmental. He bought Simmental and Hybrid bulls until 1995 when he started using our Red Angus bulls. His son Warren bought a Simmental heifer in 1995 and a Simmental bull in 1997, and has been buying Red Angus bulls since.



They coordinate their sires and know how to pick bulls to complement the type of calves they raise. We provide the genetics but, just like Rob and Warren, our customers know how to get the most out of them with their management practices and knowledge of their cowherd.

To see Genevieve – the next generation – getting involved is why we do what we do. The cattle industry is great and to see the knowledge passed from one generation to the next is what it is all about.

43rd Anniversary Production Sale

#### Saturday, February 3, 2018

Private Treaty Auction • 1 p.m. CST Sharp At the Farm • Corning, Iowa

RED ANGUS • RED SIMMENTAL • RED SIMANGUS™







Genevieve Livingston and her steer

Molly Miller and her Grand Champion 4-H Steer

#### 100 Yearling Bulls

- · 24 years of carcass traits
- · Calving ease
- Performance
- · Disposition
- . Uniform, thick and easy-fleshing
- Priced from \$2,800, \$3,000 and \$3,200

#### 80 Open Heifers

- · Individual seedstock heifers
- · Commercial replacement heifers
- Offering our entire crop of 2016 SimAngus™ F1 heifers
- "Leave 'Em and Breed 'Em"
   Program
- Priced from \$1,200 to \$800

We invite you to visit and view the cattle at any time sale bulls and heifers and our cowherd that is strongly influenced by Beckton bloodlines.



Red SimAngus





RED ANGUS • RED SIMMENTAL • RED SIMANGUS™



Phone: (641) 322-3921 • 1724 Holly Avenue • Corning, IA 50841

Judy's Cell: (515) 423-5642 • Rick's Cell: (515) 229-0920 Email: Isfrra@wildblue.net

"Located in the hills of southwest lowa"

#### 'Birth to Burger' Initiative in Development

Cargill said it has launched an initiative in Canada to test new technologies for tracking cattle with the goal of developing a verified sustainability standard to give consumers more information about the beef they eat.

Called the Cargill Canadian Beef Sustainability Acceleration pilot, the effort should move the company's customers — by the end of 2018 — a step closer to providing consumers with beef from operations that have been audited from 'birth to burger' using an industry developed sustainability standard, Cargill said.

The pilot will include only Canadian cattle, starting with animals processed at Cargill's High River, Alberta, facility. Using the Canadian beef industry's existing radio-frequency identification (RFID) tag system, cattle will be tracked by the Beef Info-Exchange System (BIXS) from the time producers tag them, through processing at Cargill's High River beef plant. Verified Beef Production Plus (VBP+) — overseen by the Beef Cattle Research Council and operated with the assistance of provincial cattle organizations – will be the first certification body used to audit cattle producers who choose to participate.

Cattle producers that participate get help to offset the increased costs associated with implementing and running the pilot. McDonald's Canada, Loblaw Cos., and the Swiss Chalet Rotisserie and Grill restaurant unit of Vaughan, Ontario-based CARA Operations Ltd. are the Cargill customers initially participating in the pilot.

"Consumer research tells us there is a thirst for this type of information," said a Cargill spokesperson. "Our yearlong 2017-2018 sustainability pilot will help create the infrastructure needed to implement the Canadian Roundtable for Sustainable Beef's standard in our supply chain, providing our customers and consumers with an increased level of trust in the beef they purchase and eat."

A variety of technologies will be explored, such as DNA testing and blockchain — a shared, continually reconciled, decentralized Internet database tool — to determine their long-term value, Cargill said. The pilot builds on McDonald's pioneering beef sustainability effort completed in 2016, in which nearly 9,000 cattle were tracked through the entire supply chain.

CONTINUED ON PAGE 102

# ROCK CREEK RANCH PRIVATE TREATY BULL SALE

Selling 48 spring yearling bulls developed for the commercial cattleman. Only the top third of male-born calves make the bull pen. The group consists of purebred Simmentals, 3/4, 5/8 and 1/2 SimAngus™ bulls to fit your breeding goals. Several bulls are suitable for use on heifers. All bulls are verified for coat color and polled genetics and all ET bulls have had a DNA panel run for better EPD accuracy.



GENEX





ACW IRONHIDE 395Y

S D S GRADUATE 006X

CCR ABILENE 6018C

TNT REVENANT C217

Spring offering includes ten sons of ACW IRONHIDE, six sons of S D S GRADUATE, six sons of CCR ABILENE, four sons of TNT REVENANT, two sons of HOOKS BROADWAY and two sons of CCR LEGEND, full sib to CCR ABILENE. Volume discounts and delivery options available. Bid off and sale begin February 15, 2018.



Rock Creek Ranch is located at 250 Road 392, Allen, KS 66833.



Contact Jeff Houck at 620-344-0233 or houckrcr@gmail.com.



Follow Houck Rock Creek Ranch for photos and updates!



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Simmental & SimAngus™ Bulls

New this year 20 Simmental Influenced Females

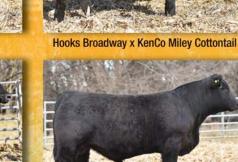




Upper Class x Power Drive x Magnetic Lady



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SS Watchout x HTP/SVF Honey Dew 2



coming Two Year old



Right On x Snapper **Proven Herdsire** 

Grand Fortune x Club King x Built Right

Broadway x Lookout x Emily



W/C United x Sandeen Donna 7386

BF The Judge x American Pride



CDI Authority x Shear Force



**Built Right x Lookout** 



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#### **SCHMIG SIMMENTAL RANCH**

#### 35TH ANNUAL PRODUCTION SALE

THURSDAY MARCH 8, 2018 1:00 PM AT THE RANCH LUNCH SERVED AT 11:30



#### **SELLING 28 BLACK AND RED, POLLED PUREBRED SIMMENTAL YEARLING BULLS**



Upgrade U8676

- High Performance & Calving Ease Bulls
- Bulls are Performance Tested with the ASA
- We can keep bulls free of charge until May 1st
- Free Delivery up to 250 Miles



**BBS True Justice B10** 

BULL	SIRE	DAM'S SIRE	DOB	BW	WW	CE	BW	WW	YW	MCE	MM	MWW	STAY	CW	YG	MRB	REA	API	TI
1E	TRUE JUSTICE B10	RANCH HAND	3/12/17	70	845	14.8	-1	77	117	12.4	22.7	62	12.7	38	-0.44	-0.1	1.07	142	82
3E	TRUE JUSTICE B10	CONSERVATIVE	3/12/17	70	811	13.6	-0.03	77	116	8.3	26.2	65	13.6	38	-0.37	-0.03	0.97	133	78
5E	TRUE TUSTICE B10	DOUBLE DOWN	3/15/17	68	806	11.5	0	80	123	10.0	22.7	63	16.1	43	-0.4	0.26	1.19	152	86
7E	NLC UPGRADE	RIGHT-ON	3/16/17	86	883	6.4	2.9	77	124	6.4	25.7	64	9	48	-0.32	0.34	1.04	131	82
9E	PIT BOSS	BEEF MAKER	3/18/17	80	853	9.1	1.7	66	97	7.2	24.4	58	10	30	-0.28	0.22	0.82	125	73
14E	INTEGRATE Z3	SSR BUL 44Z	3/20/17	84	881	7.7	4.1	95	152	7.4	19.8	68	9.4	66	-0.33	0.25	1.19	133	89
18E	TRUE JUSTICE B10	DOUBLE DOWN	3/21/17	70	788	9.6	1.2	78	120	9.6	21.5	61	15.8	43	-0.37	0.22	1	144	82
19E	TRUE JUSTICE B10	DOUBLE DOWN	3/22/17	75	693	10.4	1.2	75	121	9.3	24.3	62	15.1	44	-0.3	0.23	1.15	144	81
20E	CONSERVATIVE	DOUBLE DOWN	3/23/17	65	770	9.7	1.8	82	127	0.4	25.0	66	11.9	48	-0.36	0.13	1.06	132	81
23E	PIT BOSS	BEEF MAKER	3/24/17	85	880	7.1	3	69.6	107	8.8	26.1	61	7.3	61	-0.45	0.14	1.35	123	87
25E	RED LOTTO 52Y	RED BULL 53T	3/24/17	96	777	-4.7	5.7	61.7	92	9.3	26.0	57	11.3	33	-0.39	0.03	1.11	91	59
28E	TW PIT BOSS	KNOCK OUT R206	3/25/17	78	733	5.8	3.1	65.4	105	4.5	25.5	58	10.3	38	-0.25	0.08	0.71	112	68
34E	NLC UPGRADE	RIGHT-ON	3/30/17	86	855	5.5	3.7	76.9	122	6.3	24.9	63	9.3	48	-0.37	0.24	1.21	123	78
37E	TW LOTTO 52Y	RIGHT-ON	3/31/17	75	774	3.2	3.5	62.5	98	10.8	30.9	62	14.7	33	-0.23	-0.03	0.9	109	62
38E	TRUE JUSTICE B10	SSR BULL 44Z	3/31/17	78	794	11.6	1.5	69.7	106	9.9	23.7	59	15	35	-0.42	-0.04	1.01	127	71
40E	NLC UPGRADE	SSR BULL S7	4/2/17	95	852	5	3.5	70	105	8.9	18.6	54	8.8	38	-0.45	0.27	1.1	119	74
41E	RED SSR RED GOLD	VOYAGER 721P	4/2/17	90	725	4.8	4.5	61	93	9.4	25.4	56	14.1	32	-0.22	0.01	0.51	109	61
47E	NLC UPGRADE	DREAM-ON	4/4/17	80	713	8.7	1.6	67.5	110	8.1	24.0	58	7.2	38	-0.49	0.3	1.29	127	78
50E	TRUE JUSTICE B10	DOUBLE DOWN	4/5/17	70	775	11.1	0.8	74.8	118	8.6	24.7	62	16.4	41	-0.33	0.2	1	146	80
51E	RED LOTTO 52Y	BEEF MAKER	4/6/17	82	663	4.9	2.5	71.8	106	13.3	29.9	66	13.2	36	-0.36	0.02	1.14	116	71
53E	CONSERVATIVE	DOUBLE DOWN	4/8/17	85	827	6.1	3.9	89.9	138	0.4	23.9	69	11.9	57	-0.33	0.22	1.06	134	85
56E	CONSERVATIVE	NLC UPGRADE	4/8/17	85	822	9.2	3.1	82.3	124	1.6	26.2	67	9.1	48	-0.36	0.05	1.17	118	78
57E	CONSERVATION	SSR BULL 44Z	4/9/17	88	896	8.2	4.5	79.9	124	2.2	30.9	71	11.8	50	-0.23	0.17	0.83	126	78
59E	NLC UPGRADE	NOPHALT	4/10/17	95	908	5.9	4.9	82.1	130	5.4	19.9	61	9.1	54	-0.32	0.38	1	130	83
60E	TRUE JUSTICE B10	TANKER U263	4/11/17	75	784	9.1	1.2	77.1	117	12.9	22.6	61	15.3	41	-0.43	-0.01	1.19	129	75
61E	SSR BULL 44Z	BEEF MAKER	4/11/17	105	803	3.9	5.6	61.7	97	9.6	27.8	59	12.8	36	-0.29	0.13	0.97	111	63
66E	SSR BULL 44Z	DOUBLE DOWN	4/18/17	65	691	7.4	1.8	52.2	87	7.2	29.7	57	14.9	25	-0.33	0.32	1.01	134	68
67E	SSR BULL 44Z	RANCH HAND	4/18/17	70	777	12.7	-0.06	48.4	77	10.3	31.3	56	11.8	16	-0.36	0.16	0.78	128	66



Dennis & Joanne Schmig 15559 473rd Ave. • Stockholm, SD 57264

email: djschmig@itctel.com • PH: (605) 676-2320 • Cell: (605) 880-1893 Additional information can be found at www.schmigsimmentalranch.com

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#### ES8

ASA#: (3220930) BD: 2.14.17 • BW: 74 lbs. Adj. 205 WT: 878 lbs.

Adj. 205 W1: 878 lbs.
Sire: Kuntz Sheriff 8A

Dam: DCR Ms Game Face C164

CE	BW	WW	YW	ADG	MCE	Milk	
14	3	70	106	.23	15	31	
MWW	CW	MB	REA	\$API	\$TI		
66	32.5	07	.71	129	73		



#### E68

ASA#: (3321012) BD: 2.15.17 ● BW: 96 lbs. Adj. 205 WT: 978 lbs.

Sire: ASM Wideload 303B Dam: DCR Ms R/Sabre A355

j.	CE	BW	WW	YW	ADG	MCE	Milk
	6	4.6	93	134	.26	12	19
	MWW	CW	MB	REA	\$API	\$TI	
	66	55.5	07	.68	105	77	



#### E18

ASA#: (3320919)
BD: 2.7.17 • BW: 89 lbs.
Adj. 205 WT: 879 lbs.
Sire: ES Ridgerider YW3
Dam: DCR Ms Top Grade C238

5/0.700/09 %	13/280	500	738F.03.G-0			
CE	BW	WW	YW	ADG	MCE	Milk
12	2.3	76	113	.23	10	28
MWW	CW	MB	REA	\$API	\$TI	
66	40	.12	1.16	137	78	



#### E28

ASA#: (3320938) BD: 2.9.17 • BW: 80 lbs. Adj. 205 WT: 880 lbs. Sire: Kuntz Sheriff 8A Dam: KLSR Miss United C501

CE 16	BW -1.3	Description of the last of the		ADG .28	77	
	CW			ALC: NO	300	
62	39.9	.04	.65	140	79	819.



#### E398

ASA#: (3321079) BD: 3.18.17 • BW: 95 lbs. Adj. 205 WT: 895 lbs. Sire: CCR Wide Range 9005A Dam: DCR Ms BL Heart W360

CE 8	BW <b>2.7</b>	10000	YW 122	100	Marian San	10-31-1
	cw <b>46.5</b>		REA 1.13			

www.dollranch.net

#### 38th Annual Production Sale

#### Tuesday, March 6, 2018

I:30 p.m. CST

Kist Livestock, Mandan, ND

#### Offering the Best From Both Breeds!

60 Spring Simmental Bulls 100 Spring Charolais Bulls 6 Open Simmental Females 6 Open Charolais Females

#### Herd Sires:

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Sun Rise Black 15C
ASM Wide Load 303B
WLB Bull 233 391A
Hart's Rolling Coal 358C
LFE Red Ticket 340Z
Sunny Valley Summit 35B
TT Red Zone 031C

#### Al Sires:

DCR Mr Moon Shine X102 ES Ridge Rider YW3 Kuntz Sheriff 8A Welsh's Warsaw 312Z CCR Wide Range 9005A CCR Cowboy Cut 5048Z WCS EL Dorado 5909C

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for both Indexes in the ASA Database

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#### INDUSTRY UPDATE

#### **Video Explores Meat and Cancer**

The North American Meat Institute and American Meat Science Association have produced new Meat Myth Crusher videos, addressing many of the common consumer misconceptions about meat and poultry relative to cancer.

The newest video discusses the commonly reported myth that the International Agency for Research on Cancer (IARC) found 800 studies linking red and processed meat to cancer. The video features Andy Milkowski, Ph.D., adjunct professor, department of animal sciences at the University of Wisconsin-Madison, who explains that the actual number of studies considered was a fraction of the 800.

"They started with 800 studies, but then they had to sift and winnow through those studies in order to

determine which ones were really relevant to the questions they were asking," said Milkowski. In the end, only 32 of those were truly applicable, some of which showed a statistical association between meat and cancer and some of which showed no link, according to Milkowski.

The final IARC abstract released in 2015 cited 18 studies on processed meat and colorectal cancer, with 12 of them showing some statistical association and 14 studies on red meat with only seven of them indicating an association between red meat consumption and colorectal cancer. The resulting confusion led to a follow up from the World Health Organization (WHO), which oversees IARC, clarifying that red and processed meat can play a role in a healthy, balanced diet.

CONTINUED ON PAGE 108



# 29TH ANNUAL DEPARTMENT OF THE PARTMENT OF THE





& SELECT FEMALE SALE Friday, February 16th, 2018, 1PM





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90 Bulls

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& Extra Age

: Simmental

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: 10 Heifers



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SAME DATE - NEW TIME! Friday, March 2nd at 1:00 PM At the Farm, Salem, SD





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5th Annual Bull Sale January 27th, 2018 1pm Grembury, GX 76048







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# Dakota Bull Sale *February 12, 2018*

#### Selling 100 Red Angus & Red Hybred Bulls

Schmidt Development Center • Center, North Dakota • 1 PM CST



7913E • #3722195 • 1/24/17
50% Red Angus x 50% Simmental
18 Karat x Amigo x Canyon Classic
A phenotypic star that boasts three incredible sires in his pedigree!



7912E • #3722715 • 1/24/17 50% Red Angus x 50% Simmental 18 Karat x Yukon x Grand Canyon This super bull sports a dam with over a 105 MPPA! Over a \$15,000 Profit!



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7935E • #3723365 • 2/18/17 75% Red Angus x 25% Simmental Kingmaker x Yukon x Canyon Solid blend of British and Continental genetics!



7426E • #3725595 • 1/29/17 100% Red Angus Kingmaker x Gold Robber x Hevn's Sake Super clean made calving ease bull!



7428E • #3725637 • 1/29/17 100% Red Angus Independence x Conquest x Major League Good looking Indy son that is very balanced!



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1404E \* #3123009 \* 1130/17 100% Red Angus Independence x Future Direction x Make My Day Really correct herd bull and dam has a 108 MPPA!



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Profitbuilder x Dateline x King Rob
Big testicled rascal that is super balanced!



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7448E • #3725583 • 2/3/17 100% Red Angus Profitbuilder x Norski x Right Time Solid maternal built bull to set a cowherd foundation!



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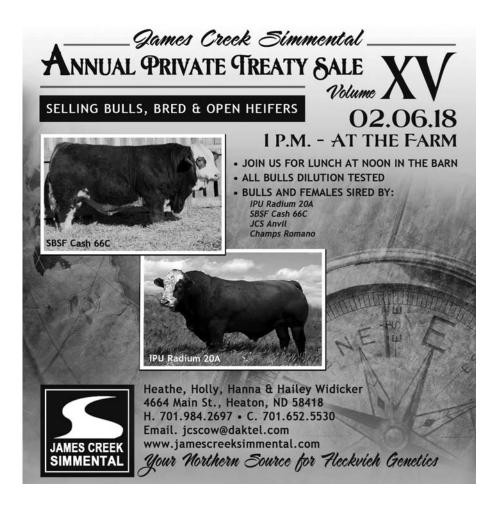
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# Industry Update

CONTINUED

"They said that because this was a hazard assessment and not a risk assessment and there are many nutritional benefits of meat, people should not be overly concerned. They should eat a balanced diet and maintain a healthy lifestyle," said Milkowski.

The video also explains the difference between hazards and risks, and what kind of information can be learned from each type of assessment.

The Meat Myth Crusher video is the 51st in the series. Other topics include myths surrounding meat nutrition, antibiotic use in livestock, "Superbugs" in meat, Meatless Monday, hormone use in animals, ammonia in ground beef, grass-fed beef and more.

#### Consumers Unaware of "Clean" Food Study Cost

Consumers consistently say they want foods without additives, preservatives, excessive processing or anything on the label they can't pronounce. And meat companies are competing to provide consumers with products with the "cleanest" labels.

New research from Iowa State University, however, shows that consumers are unaware of the costs related to producing "clean" label foods. For example, food waste in the US would be expected to get worse with the removal of additives and preservatives, said Ruth MacDonald and Ruth Litchfield, professors of food science and human nutrition at Iowa State.

In a release about their research, they said ingredients such as sodium benzoate, calcium propionate and potassium sorbate control the growth of microorganisms in foods without changing the character or taste of the food. Without these and many other additives, foods will spoil faster, increasing food safety risk and the likelihood of more food ending up in the trash.

**CONTINUED ON PAGE 111** 

# SIMMENTALS

33rd Annual "Genetic Explosion" Sale

# Friday, FEBRUARY 9, 2018 1 p.m. CST • At the Ranch • 5 mi. South of Almont, ND

Your COMMERCIAL BULL HEADQUARTERS, along with BREED-LEADING HERDSIRES. They are THICK and DEEP - All backed by the TNT 100% GUARANTEE! No creep feed!

Selling Approximately 110 Bulls

Purebred Black Sim Purebred Red Sim Purebred Red Angus 3/4, 1/2 & 1/4 SimAngus<sup>TM</sup> 3/4, 1/2 & 1/4 SimAngus<sup>TM</sup>

### A sample of the bulls selling February 9, 2018!



HSR LEAD OFF C705 x TNT GUNNER N208



TNT TANNERITE B369 x ASR SUBSTANCE X009



CCR WIDE RANGE 9005A x JF SIGNATURE 3268A



TNT 90 PROOF Z401 x ASR SUBSTANCE X009



TNT BCR UNIFIED B203 x MR NLC COMPLETE X0080



TNT WHISKY RIVER B298 x 5L NORSEMAN KING 2291



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- Volume discounts!
- Ultrasound and performance data and current EPDs will be available!
- Majority homozygous polled!
- All reds are non-diluters!
- · All blacks will be homozygous- or heterozygous-black verified!

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WEDNESDAY FEBRUARY 14TH, 201

SALE LOCATION >>> CB SALE FACILITY 4 miles south of our ranch on 76th Ave, SE.



WS E170 :: Homo Polled :: PB SM Act. BW: 90, Adj. WW: 791 :: W/C Executive Order x WS Beef King EPDs: 14 -0.8 75 110 11 25 63 33.9 -0.35 .33 -.05 1.03



WS E150 -ET :: Homo Polled :: PB SM Act. BW: 85, Adj. WW: 759 :: W/C Executive Order x GW Red Coat EPDs: 15 -1.2 73 117 11 19 56 37.9 -0.33 .20 -.04 1.06



WS E152 -ET :: Homo Polled :: PB SM Act. BW: 93, Adj. WW: 777 :: WS All Aboard x GW Red Coat EPDs: 15 -0.6 85 134 15 21 63 48.1 -0.32 .31 -.05 1.08



WS E167 :: Homo Polled :: PB SM Act. BW: 91, Adj. WW: 772 :: WS Prime Time x KBHR Ultimate EPDs: 12 1.4 81 124 13 21 61 45.6 -0.24 .30 -.00 1.15



WS E227 :: Homo Polled :: PB SM Act. BW: 99, Adj. WW: 814 :: CDI Ace x WS Beef King EPDs: 14 0.6 78 107 13 22 62 33.3 -0.34 .38 -.02 1.17



WS E169 :: Homo Polled :: PB SM Act. BW: 80, Adj, WW: 743 :: WS All Aboard x Hook's Xpectation EPDs: 14 -1.4 80 119 15 28 68 38.3 -0.34 .54 -.04 1.08



WS E156 -ET :: Homo Polled :: 1/2 SM 1/2 AR Act. BW: 74, Adj. WW: 684 :: LSF TBJ Takeback x GW Red Coat EPDs: 18 -3.6 60 100 10 26 56 24.6 -0.18 .52 -.02 .58



WS E189 -ET :: Homo Polled :: 1/2 SM 1/2 AR EPDs: 13 0.9 79 118 11 20 59 41.1 -0.26 .40 -.06 .78



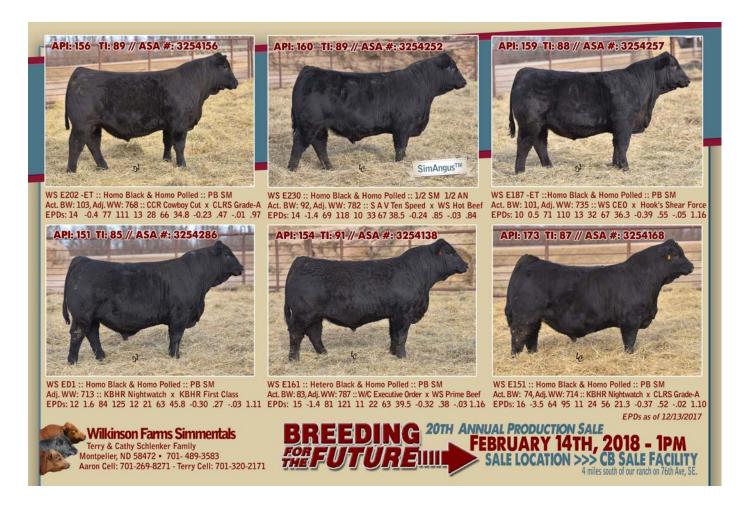
WS E184 :: Homo Polled :: 1/2 SM 1/2 AR Act. BW: 105, Adj. WW: 853 :: LSF TBJ Takeback x WS Beef King EPDs: 11 1.4 77 114 6 21 60 39.4 -0.15 .51 -.02 .69

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# INDUSTRY UPDATE

CONTINUED

"Many food additives make the food structure more stable, such as keeping marshmallows soft and crackers crispy. Additives reduce off-flavors, prevent separation of liquids or oils or give foods a pleasant feel in our mouths. Taking these types of ingredients out of foods will probably increase the amount of food we throw away," Litchfield said.

Also, consumers are confused about the presence of nitrates in processed meats. They are perceived to be a cause of colon cancer, but are necessary to preventing the growth of *Clostridium botulinum*. Processors often get around the "scare factor" by marketing the products as "no added nitrates" or "naturally cured," but that typically means they used celery juice, and the nitrates that occur naturally in celery juice are not chemically different from the synthetic versions, McDonald pointed out.

"People have a hard time understanding the riskbenefit ratio when it comes to foods. They see a chemical, such as nitrates, listed on the label and assume it is bad or the food contains a high amount," MacDonald said. "The food safety risk without these preservatives is so much greater."

# Researchers Explore World Without Food Animals

What would happen if US farmers stopped producing animals for food and Americans went vegan?

Noting some have called for a move toward veganism to address concerns about US health, eating habits and climate change, researchers at USDA's Agricultural Research Service (ARS) and Virginia Tech set out to explore the nutritional and greenhouse gas impacts of removing animals from US agriculture.

They found that a complete shift away from food animal production would present major challenges to meeting America's nutritional needs. With no meat, milk, eggs, fish or cheese in the American diet, the US population would not receive enough of several different essential dietary nutrients from the foods they eat, according to the study results.

"Different types of carefully balanced diets — vegan, vegetarian, omnivore — can meet a person's needs and keep them healthy, but this study examined balancing the needs of the entire nation with the foods we could produce from plants alone. There's a difference between what's possible when feeding one person versus feeding everyone in the US," said ARS scientist Mary Beth Hall.

\*\*CONTINUED ON PAGE 116"

# Brink Summentals Full Fleckvieh bulls, females, and semen

# LINEBRED TO CREATE

# SALE DATE MARCH 1, 2018

# EXPLOSIVE PERFURIMENCE AND PROFIT



744 \*Diluter Free Brink Curtis C537 x Brink C539



758 \*Diluter Free Brink B412 x Brink B427



787 \*Diluter Free Brink Campfire Y148 x Brink Shamette B411 ET



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"We run moderate framed Angus cows. The Fleckvieh bulls from Brink Fleckvieh have proven to be a great cross. By only changing the bull in our program, our first calf crop averaged 87lbs more than the previous two years. Other than the growth, the major thing that caught my eye was the bottom end of the calves disappeared and seemed to be placed in the middle. The heifers we have kept have been very fertile and docile mothers with plenty of milk. I will continue to use Brink Fleckvieh bulls in our program."

> — Jon Baker / Baker Livestock Harper, Iowa

(Been using Brink Fleckvieh since 2010)

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# Opportunities Expand for Youth of Beef Industry



Chip Kemp
Director of
Membership and
Industry Operations
406-587-4531 ext. 508
ckemp@simmgene.com

There's a difference between feeding a steer and being a cattle feeder. Sometimes there is even a difference between raising cows and being in the profit-focused beef business. These are fundamental truths that impact all parts of American Simmental Association (ASA), even junior programming and youth development. Beef breed associations too often assume that their junior members want the easy way — that they don't want to be pushed. ASA makes no such assumptions. Through a 2016 strategic review of American Junior Simmental Association (AJSA) programs it was clear that youth members want and expect more than just the historical approach by breed associations.

Young producers want to learn more about the industry and demand meaningful ways to participate in that industry.

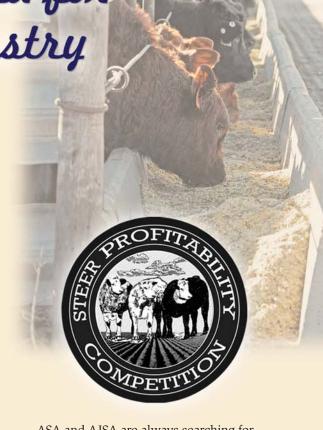
Case-in-point, the second year of the AJSA Steer Profitability Competition (SPC) is well underway. The 2018 SPC is taking place at the University of Missouri Beef Research & Teaching Farm. This facility offers Average Daily Gain (ADG) and feed intake information throughout the entirety of the project. Steers went on test at the beginning of November and are tentatively scheduled for harvest in late May. AJSA members from a number of states entered both individual steers and pens of three into this real-world profit contest. Members could enter steers of any breed composition into the contest to view the overall profitability of their calves all the way through harvest. The winners will be recognized at the AJSA's 2018 National Classic in St. Paul, MN.

Any breed composition? Why would a breed association take this position? Simple. ASA members and their customers have to compete in the market place with any and all breed types. They recognize and embrace the chance to compare cattle across breeds based on their profit potential for the commercial beef producer. AJSA members are no different. They already embrace the scientific realities of heterosis and crossbreeding. They know to get better you have to put yourself on the line. If you are successful, great! However, if you fall short then you know it's time to get back to work and get better.

Another reason for the open armed approach — young producers who haven't found the right junior program can simply join the AJSA and then enter their calves into the SPC. It's pretty simple — a straightforward program geared to helping young beef producers learn more about the feedyard potential, carcass merit, and overall profitability of the calves they raise or purchase.

A quick view of the genetic merit of this year's steers produces some promising numbers. The average ADG EPD of the group is in the top 20% of our population. The average Marbling EPD is in the top 10% of the genetic evaluation, as are the group averages for both \$API and \$TI. That is genetic promise!

A unique component of the SPC is the mandatory monthly online meeting. Once a month, the participants join a nationally recognized expert online to discuss important topics of the day facing our industry. Animal health, feedlot nutrition, carcass parameters, shipping slides, DNA and genomics are just some of the topics that will be covered.



ASA and AJSA are always searching for approaches that bolster the youth development of AJSA members. Forever looking for ways to improve, this year's SPC participants will be able to be full participants at the 2018 National Classic. SPC steers will count as an official cattle division of the National Classic. So SPC entrants who attend the event and participate in the mandatory four of five educational competitions are fully eligible for overall awards. Read National Classic rules for full details.

From the high elevations of Center, CO, sisters Shelby and Lindsey Temple state, "Through the SPC program we hope to learn more about why we use the genetics we use as producers and seedstock breeders, and how our EPD selection process carries through feeding, finishing, and marketing to the consumer."

A long list of sponsors are stepping up to help these young agriculturists through this process. Allflex®, Chappell Feedlot, GeneSeek®, the University of Missouri, and insurers Ideal A&M, Lloyds, and Wichert are just some of the groups who have put their support behind the youth of the beef industry.

To find out more about the AJSA and the Steer Profitability Competition or

to consider entering steers next fall visit juniorsimmental.org.



Offering the largest group of long-aged SimAngus™ bulls in the Northwest. They are ready for heavy service.

# Diamond

# 43rd Big Sky Genetic Source Bull Sale

Wednesday, February 7, 2018, 12:30 PM

at the ranch, Wibaux, MT

### 180 Black Simmental, SimAngus™ and Angus Sell

80 of them are 18-month-olds

30 Purebred Simmental – 125 SimAngus<sup>™</sup> and 25 Angus Most will be homozygous Black and all are Polled

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Extra Profitability. Because. . . Uniformity, quality and quantity allows you to access more 1/2 and 3/4 brothers to fill your berd sire needs in one stop.

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- We know as a commercial producer you sell your cattle based on weight and how they look (quality). How value is determined varies, whether it is in the auction market, in the country, by video or on the rail. Be assured quality and performance has been the basis of our program from the beginning.
- Reputation take away all the numbers, all the EPDs and fads . . . Begger's Diamond V Ranch has been raising only high-quality, black seedstock for over 43 years.
- At Begger's Diamond V Ranch you are not just buying a bull, you are buying a program.
- Our 43 years of AI'ing and embryo transfer gives you access to the top genetics of the Simmental and Angus breeds, which allows you access to the very best genetics.
- You will experience fewer time consuming management problems, especially with calving ease, calf vigor, udder quality, fertility, feet, legs and disposition because we cull our herd for such problems.
- You are selecting from the top end, the bottom has already been culled.
- Our cattle are raised in an unpampered environment to ensure that they will work for you.
- · EVERY bull has an efficient, hard-working mother that does her job in eastern Montana's tough environment.

• Responsibility — We accept the responsibility to provide you with only predictable genetics. They must meet our standards before they meet yours.

**Practical** 

**Productive Profitable** 

- Our success depends on yours and we expect your purchases to work for you. We stand behind them 100% with full purchase price warranty.
- Bulls are 5.5 to 6.5 frame with extra depth, width volume and fleshing ability.
- Bred for calving ease, fast growth, efficiency, maternal strength and carcass quality putting more profit in your pocket.
- Bulls are developed for ranchers on a high roughage ration with very little starch and plenty of exercise.
- Every bull was born, raised and developed on our ranch.
- · Maternal and direct calving ease is a must. If they are not born easily and alive, nothing else matters.
- All bulls sell BVD free! Bulls sell with complete performance records, ultrasound data and EPDs.
- Daughters of these bulls will make outstanding replacements that are trouble free, easy keeping and profit driven; their calves will be in high demand and top market sales.
- We have connected ourselves with market opportunities that should make your calves more valuable helping you receive premiums and top markets. We offer free keep until April 1st, a breeding soundness exam, and free delivery up to 500 miles.

Bill Begger: 406-796-2326 John Begger: 406-795-9914

Wibaux, MT 59353 darbegger@yahoo.com







482 Custer Trail Road

www.beggersdiamondv.com

# INDUSTRY UPDATE

The findings were published in *Proceedings of the National Academy of Science*. Eliminating food animals would increase deficiencies in calcium, vitamins A and B12 and some important fatty acids. Fatty acids help to reduce cardiovascular disease and improve cognitive function and vision in infants. Animal food products are the only available, non-supplemental sources of some fatty acids and vitamin B12.

A plant-only diet also would require individuals to eat more food and more daily calories to meet their nutritional needs because the available foods from plants are not as nutrient dense as foods from animals, the researchers said.

The scientists found that shifting land usage from food animal production to food crop production would increase the total US food supply by 23%. Because much of that land is unsuitable for high-value crops, most of the additional food produced would include high-calorie crops like corn and soybeans.

They also determined that eliminating food animals from US production would reduce greenhouse gas emissions, but not by the full 49% of agricultural emissions that animals currently contribute. Rather, greenhouse gas emissions from agriculture would drop by 28% without farmed animals because of increases associated with producing additional food crops and the use of more synthetic fertilizer to replace manure. That would represent a drop of only about 2.6% of total US emissions.

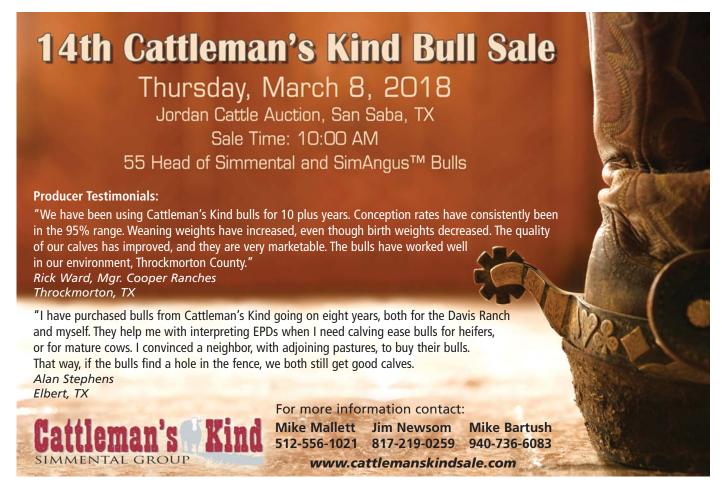
# Cargill Establishing New Antibiotic-Free Feed Facility

Cargill broke ground on new feed facility in Lewisburg, OH, that will be focused on antibiotic-free protein production. Cargill is expanding its presence in Ohio with a \$50 million investment in a new premix and nutrition plant in Lewisburg. Cargill broke ground on the 220,000 square foot facility, which will sit on the same site as its current operation on State Route 503. The expansion will be completed in the spring of 2019 and will result in a dozen new jobs in the Lewisburg area.

"This state-of-the-art facility will better help us meet evolving customer needs and preferences for antibiotic-free meat, milk and egg products," said Dean Barker, business operations director for Cargill's premix and nutrition business in the US. "Given these consumer preferences, it is important for us to invest in new and enhanced manufacturing capabilities."

The new plant will be dedicated to manufacturing, non-medicated and antibiotic-free animal nutrition products for current and prospective US customers. The facility will have four production lines and will produce roughly 86,000 tons of animal nutrition products per year.

CONTINUED ON PAGE 122



# QBUJT QUANDT BROTHERS SIMMENTAL | DAKES, ND February 20th, 2018



QB E11 | Tanker x Complete



QB E31 | Upgrade x Santa Fe



VJT E72 | KNH Chism x Alligence



QB E60 | KNH Play On x Lock n Load



VJT E39 | Sharper Image x Achilles

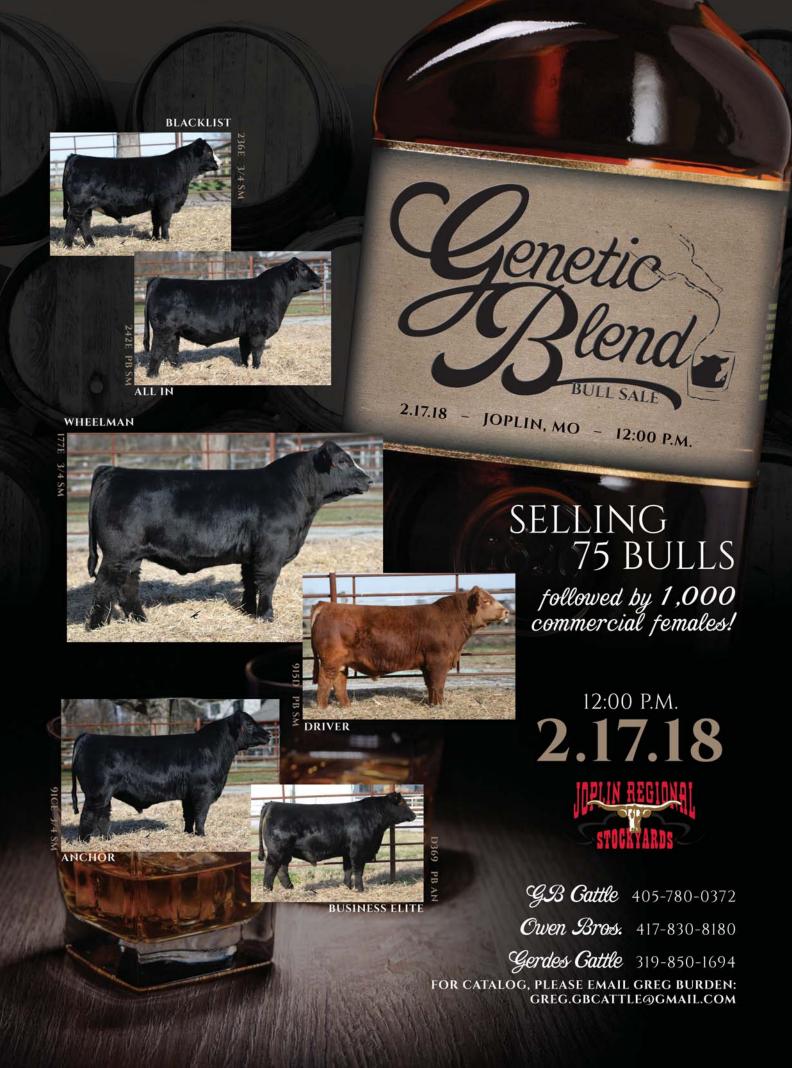


Bulls fortifis Commercial Catillance

Soffwar all booksparing

PO Spananowiky and Spandwigner Baylor Jason Quandt: 701-710-0080 | Travis Thompson: 701-710-0843 February 20th, 2018 | 1 PM | Lunch Served

Find Update Info Online: qbvjt.com | For Inquires Email: Jason@quandtbrothers.com



# Premium Genetic Bull & Female Sale

Tuesday March 6, 2018 Wamego, KS ~ Kansas Bull Development

Simmental | Sim Angus™ | Red Angus | Angus



Yearling 3/4 SimAngus ASA# 3253002



Fall Angus AAA# 18900793



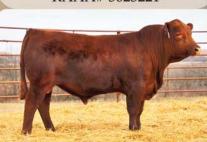
Fall Red Angus RAAA# 3623221



Yearling PB Simmental ASA# 3253008



Fall Angus AAA# 18903192



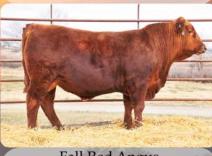
Fall Red Angus RAAA# 3758163



Yearling PB Simmental ASA# 3253003



Yearling PB Simmental ASA# 3252963



Fall Red Angus RAAA# 3758169

20 Simm/SimAngus - 20 Angus - 15 Red Angus Bulls 15 Simm/SimAngus Open Heifers - 10 Angus/Red Angus Heifers

# Dikeman Simmental

Manhattan, KS www.dikemansimmental.com Michael Dikeman (785) 770 -2977 mdikeman@ksu.edu



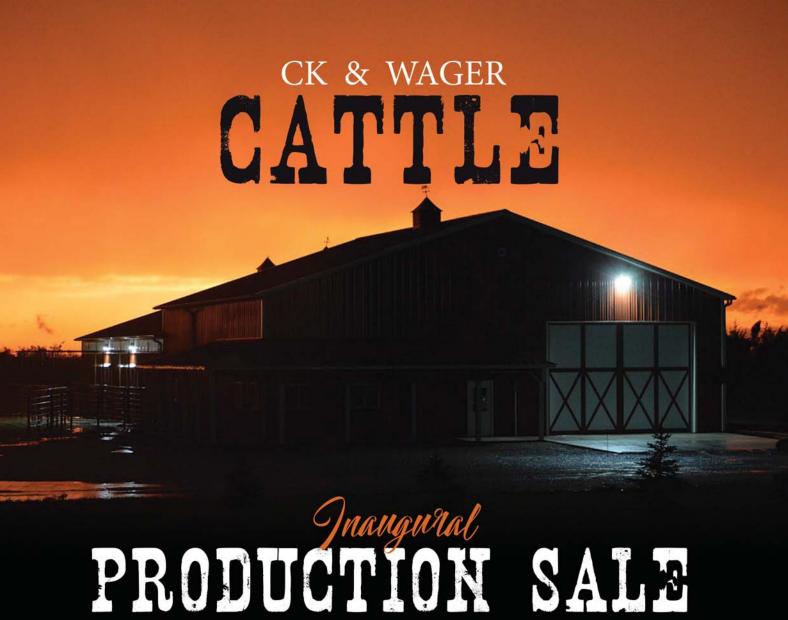


**DVAuction** 

# Huninghake Angus Ranch

Frankfort, KS www.huninghakeangusranch.com

Randy Huninghake (785) 556-0319 huninghake.angus@gmail.com



SATURDAY | FEBRUARY 10, 2018 | 3:30 PM

CK Cattle Sale Facility

HIGHMORE, SOUTH DAKOTA

# Selling Angus, Simmental, Sim Angus and Hereford BULLS 87 F3 MAL

CHRIS & KRISTI EFFLING Cagney, Chesney, & Kenidey Chris: 605.769.0142 Kristi: 605.769.1308 Highmore, South Dakota



**LANNY & JAYNE WAGER Dusty & Aimee Wager** Lanny: 605.769.1211 Dusty: 605.769.5010 **DVAuction** 

# **Bata Brothers/Bell Family**

## Joint Simmental Bull and Female Sale

February 9, 2018 • 1:00 PM CST



Sale location: Rugby Livestock Auction, Hwy. 2 West, Rugby, North Dakota

**Selling:** 60 Purebred Yearling Bulls 12 SimAngus™ Bulls

15 Bred Heifers



Visit us online at: www.facebook.com/BataBrothersSimmentals www.facebook.com/bellsedgewoodranch



5 4 85 131 .29 9 28 70 \$API: 110 \$TI: 74 Springcreek Grand Slam x BBS Miss Justice Z7 • Adj. BW: 97 lbs. • Adj. WW: 782 lbs. Homo Polled, Homo Black. A maternal brother to BBS True Justice B10 that sold for \$35k to Hart's and Genex. Thank you to TNT Simmentals for purchasing his full sister at the ND Classic sale. Three outstanding brothers to him will sell



14 -.2 72 111 .25 12 25 61 \$API: 135 \$TI: 74 Adj. BW: 92 lbs. • Act. WW: 747 lbs. BBS True Justice B10 x OLF Otis Y43 Top set of EPDs, -.2 BW falls into top 10% for YW and heaviest-weaned, super-sound cowboy kind.



5 4.8 82 123 .25 13 19 60 \$API: 99 \$TI: 67 LFE The Riddler 323B x BBS Top Cut Y38 Adj. BW: 93 lbs. • Adj. WW: 817 lbs. Sired by the \$170,000 Riddler bull. He's clean-fronted, huge-topped, and packed full of muscle and performance.



LRX Wall Street 137A x Cott Masala 281M ET • Adj. WW: 853 lbs. Homo Polled, Homo Black. Super stout, big-middled bull that's hard to miss. His dam is a donor that's produced several



RFS Lincoln Z95 x BBS Miss Ringman B401 Adj. BW: 93 lbs • Adj. WW: 902 lbs Homo Polled. Our high-weaning bull for 2017. His dam is a full sister to one of our high-selling bulls that sold in 2015.



5 5.5 79 130 .32 12 19 59 \$API: 111 \$TI: 72 RFS Lincoln Z95 x BBS Miss North A21 Adj. BW: 112 lbs. • Adj. WW: 806 lbs. muscle expression and rib shape. Several high-performance red bulls like him sell

Homo Polled, Non-dilutor. Dark cherry red calf with extra

Auctioneer: Joe Goggins



Springcreek Grand Slam x Connealy Dublin 8223 Adj. BW: 93 lbs. • Act. WW: 725 lbs. SimAngus™ calf, cow goes back to Vermillion Ranch Bull, expresses a lot of length and thickness, 1.5 BW don't miss out on him!



10 .9 60 88 .17 10 38 58 \$API: 121 \$TI: 68 LRX Wall Street 137A x MLC MR Justice W744 Adj. BW: 97 lbs. • Adj. WW: 714 lbs. Cow produced high-selling bull last year sold to Rick Baldwin of MT. Deep-ribbed, thick-quartered, well-balanced.

Many bulls are being tested for Homozygous Polled and Black. View our catalog and videos of each lot at: www.DVAuction.com

#### **SALE DAY PHONE:** 701-776-6393

#### Reference Sires:

Springcreek Grand Slam LFE The Riddler 323B Kuntz Sheriff 8A BBS True Justice B10 RFS Lincoln Z95 LRX Wall Street 137A

MRL Ringman 112Z MRL Capone 130B CCR Cowboy Cut 402B OLF Odin Z19 RF Red Absolute 307A



Mark 701-331-3055 Joe 701-331-0344 jpbata@polarcomm.com

6322 Highway 35 Adams, North Dakota 58210



Production, Performance, Results



Travis & Corri Bell 12787 Cty Rd 19A Fordville ND 58231 701-360-1597

Tbell@polarcomm.com

## INDUSTRY UPDATE

The plant will support Cargill's Provimi brand of animal nutrition premixes and products, along with additives and specialty and custom blends. Cargill's existing facility on the site will be dedicated to producing medicated products that are important to maintaining the health and wellbeing of livestock and poultry.

"It's important for us to have separate facilities to ensure product quality for our customers," Barker said. "We understand our customers have different preferences and product requirements, and this new facility will help us deliver those choices." Cargill said the facility will have the latest manufacturing technology to increase employee safety and lower product quality risks. The Lewisburg facility joins six other Cargill premix feed and nutrition manufacturing facilities across the US.

#### **Organic Livestock Rule Delayed**

The Trump Administration again decided to delay the effective date of the final rule on organic livestock and poultry practices that was published in the final hours of the Obama Administration. The first delay came in February 2017, followed by another delay in May. The latest slowdown has the agency waiting to evaluate the rule until May 14, 2018.

The Organic Livestock & Poultry Practices (OLPP) rule, initially proposed in April 2016, adds new provisions for livestock handling and transport for slaughter and avian living conditions, and expands and clarifies existing requirements covering livestock care and production practices.

Although larger organic interests like the Organic Trade Association (OTA) supported the initial rule release, many commodity groups such as the National Pork Producers Council, the National Cattlemen's Beef Association and even larger organic businesses voiced opposition about the stipulations and costly regulations without providing animal welfare benefits.

The latest delay would have given the Agricultural Marketing Service (AMS) 180 days — until Nov. 14, 2017 — to evaluate comments on whether USDA should implement the rule, suspend the rule indefinitely, delay the rule or withdraw the rule.

AMS received more than 47,000 comments on the four options. More than 40,000 of the commenters, including over 34,600 submitted as form letters, supported implementing the rule as it was proposed. In the end, the US Department of Agriculture (USDA) said it chose the delay option "so that important questions regarding USDA's statutory authority to promulgate the OLPP rule and the likely costs and benefits of the rule can be more fully assessed through the notice-andcomment process prior to AMS making a final decision on whether the OLPP final rule should take effect."

**CONTINUED ON PAGE 128** 



**Open House and Limited Auction** February 17, 2018

> Selling: **40 Yearling Bulls** 15 Coming 2-year-olds

Carol Dixson, Kevin Dixson & Lyle Dixson DVM 13703 Beaver Creek Rd. • Atwood, KS 67730 785-626-3744 • 785-626-4391 (cell) drlyle@live.com

Visit us on the web to see more pictures, sale updates and full catalog.

www.dixsonfarms.com

Your Western Kansas source for SimGenetics

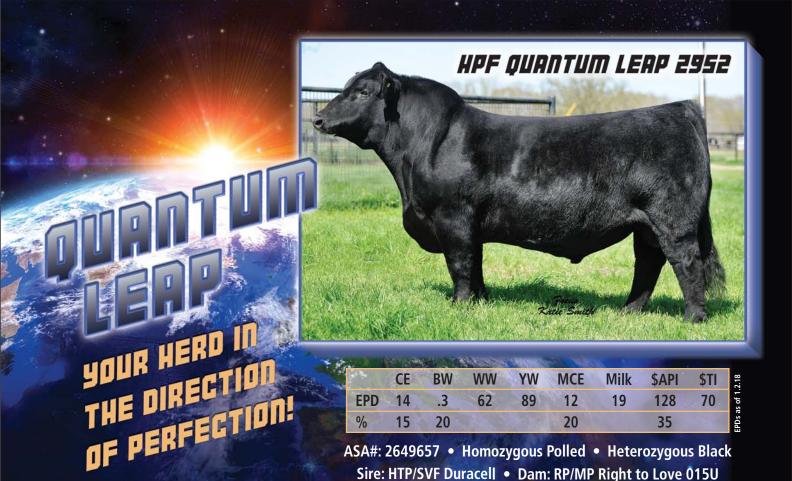


Selling some outstanding sons and grandsons of Upgrade, DX Bubba, Sharper Image, Ten X, and Cowboy Cut.

Purebred



Featuring an exceptional set of red herdsire prospects by DX Atlas, Beef King, CDI Ace, and CDI North Dakota.





Quantum Leap's famous dam at Hudson Pines Farm.



Quantum Leap's famous maternal granddam – Valentine.

Quantum Leap was a champion bull at nearly every major show in 2014 and 2015! Now, his first progeny are the result of the eye-appeal, bodycapacity, and structural soundness that he is dominantly transmitting!

Owners: Circle M Farms and Rocking P

## QUANTUM LEAP "LIT UP" THE 2017 AJSA NATIONAL CLASSIC!



Grand Champion Bred and Owned Percentage Cow Calf Pair – exhibited by Brooklyn Vurden.



11th Overall Purebred Female – exhibited by Kayden Tanner.



Reserve Grand Champion Bred and Owned Percentage Female – exhibited by AK Phillips.



13th Overall Purebred Female – exhibited by Allie Jordan.



Grand Champion Bred and Owned Purebred Female – exhibited by AK Phillips.



CMFM Time to Shine 99D, Champion at 2017 Simmental Sweepstakes Junior Show.



3rd Overall Purebred Female – exhibited by Morgan Phillips.

Semen - \$50 5 ml sexed female -\$200



866-356-4565

# Black Simmental & SimAngus<sup>TM</sup> 30th Annual Production Sale Selling

Koepplin's Black Simmental Ranch

Selling 45 Yearling Bulls



Triple C Bettis S72J x Kech Mr. 755
BD: 3-2-17 BW: 96 WW: 794
CE BW WW YW MCE Milk MWW API TI
11.8 2.9 74.1 103 11.1 18.4 55.4 124 73

# KOEPPLIN'S WLACK SIMIMENTALS

Tuesday, February 6, 2018 2:00pm CT • Kist Livestock • Mandan, ND



 Mytty In Focus x Brooks Above Par

 BD: 2-9-17
 BW: 89
 WW: 740

 CE
 BW
 WW
 YW
 MCE
 Milk
 MWW
 API
 TI

 12.6
 2.2
 70
 108
 9.2
 20.3
 55.3
 139
 77



RC Club King 040R x BDV Radar 5T
BD: 2-20-17 BW: 84 WW: 850
CE BW WW YW MCE Milk MWW API TI
9.2 3.1 72.1 107 11.3 19.0 55.0 129 73



LRS Elevate 213B x SAS/ASF All Star

BD: 2-27-17 BW: 84 WW: 752

CE BW WW YW MCE Milk MWW API TI
14.0 0.3 60.0 89.3 11.7 25.3 55.3 142 71





LRS Elevate 213B x Olf Odin U5

BD: 3-1-17 BW: 71 WW: 750

CE BW WW YW MCE Milk MWW API TI
16.8 -0.6 60.3 94.7 12.2 28.6 58.7 143 71

Planned Mating EPDs

Terry & Marci Koepplin
7035 80<sup>th</sup> St SW • Elgin, ND 58533
Home: 701-584-3292 • Cell: 701-214-8212
koepplinranch@hotmail.com
Visitors are always welcome at the ranch!

Where Friends Meet...

Sale will be broadcast online by



# 2018 BULL SALE

Tuesday, February 27th \* Stanford, MT

Selling Simmental and SimAngus™ Bulls



Son of Hills Caesar 107C



## Sim Angus TM Bulls

Hill's Ranch is excited to offer some excellent SimAngus<sup>TM</sup> bulls out of *Connealy Black Granite*.

We are also introducing sons of new sires Koupal Advance 28 and VAR Ranger 3008. Both AI sires have contributed phenomenal additions to our percentage bull line up.

Son of NAC 72B Bruno

CE WW YW MCE YG Marb REA API TI

10 62 84 11 -.29 .28 .73 135 70

## Black & Red Simmental Bulls

Hill's Ranch has one of the largest selections of purebred Simmental bulls. High growth bulls out of sires like *Hills Maverick A74* and a high quality selection of red bulls out of *NLC 72B Bruno*.



Find us on **f** 



## www.hillsimmental.com

Tom & Kathy Hill and Family 1045 Simmental Ln Stanford, MT 59479 (406) 566-2479 hillssimmentalmt@yahoo.com





#### SFI REALITY E43C

WLE UNO MAS X549 x BROOKS MISS CINDY C43 ASA # 3281083 • 3/4 SM 1/4 AN • 1/27/2017 CE 15.4, BW -1.1, WW 68.2, YWT 93.8, MCE 9.6, MM 17.6 MWT 51.7, MB 0.43, REA 0.73, API 138.3, TI 77.7



#### SFI APPROVAL 758E

TL BOTTOMLINE x SFI MISS BEHOLD ASA # 3318184 • 3/4 SM 1/4 AN • 2/10/2017 CE 7.9, BW 2.3, WW 57.5, YWT 85.2, MCE 5.5, MM 22.6 MWT 51.3, MB 0.28, REA 0.57, API 120.3, TI 63.2



#### MID-AM BACARDI 704D

CCR COWBOY CUT 5048Z x MID-AM MISS KAHLUA ASA # 3227999 • 3/4 SM 1/4 AN • 9/1/2016 CE 10.6, BW 1.5, WW 67.6, YWT 91.8, MCE 7.5, MM 21.7 MWT 55.5, MB 0.47, REA 0.87, API 130.8, TI 74.7



#### **BROOKS PAY WEIGHT E361**

BASIN PAYWEIGHT 1682 x SFI BETTY SUE Y85T ASA # 3290993 • 1/2 SM 1/2 AN • 1/2/2017 CE 13.0, BW -0.7, WW 74.1, YWT 123.2, MCE 10.8, MM 24.3 MWT 61.3, MB 0.56, REA 0.68, API 144.4, TI 84.9



#### **GPAR EXCLUSIVE**

CCR COWBOY CUT 5048Z x SFI MISS UNIQUE ASA # 3288148 • PB SM • 2/27/2017 CE 9.4, BW 2.0, WW 75.9, YWT 101.4, MCE 13.3, MM 24.6 MWT 62.6, MB 0.32, REA 0.79, API 133.0, TI 80.3

#### **BROOKS SIMMENTALS**

Ralph Brooks / Cassidy Swicegood 7440 Lake Elbo Rd • Manhattan, KS 785-556-0385 • ralphbrooks13@gmail.com 785-539-4933 • cdrake@interkan.net www.brookssimmental.com

#### **DIAMOND D SIMMENTALS**

**Calvin & Mary Louise Drake** 540 Deep Creek Rd • Manhattan, KS

#### MARPLE FARMS

Troy, Nicole, Logan & Laney Marple 9450 Michaels Rd • Westmoreland, KS 785-457-3927 • Cell 785-250-0522 t.marple@crosscountrygenetics.com

#### **MID-AM GENETICS**

Ryan, Kayla & Brinley Bodenhausen 2283 294th Rd • Muscotah, KS 785-221-3284 • 913-426-7855 midamgenetics@yahoo.com

#### PARSONS LIVESTOCK

Garrett, Marka & Pate Parsons 23311 175th St · Leavenworth, KS

#### SCHAAKE FARMS

Scott, Kandi & Shilo Schaake Shane & Melissa Schaake 832-651-3634 • glparsons9@hotmail.com 10705 Mud Creek Rd • Westmoreland, KS 785-456-4949 • simmi@ksu.edu

www.schaakefarmsinc.com

WWW.GOLDBULLIONGROUP.COM



# POWER & GROWTH



Hook's Red Zone x HSF Majority • Reg #: 3307466 PB SM • Homo Polled • 7 FULL BROTHERS SELL!



Hook's Yellowstone x Final Answer • Reg #: 3307510 3/4 SM • Homo Black • Homo Polled 3 FULL BROTHERS SELL!

# Calving Ease

Maternal & Carcass Traits

Annual Production Sale

Feb. 17<sup>th</sup> 2018

At the Ranch, Turtle Lake



Hook's Baltic x Mytty In Focus Reg #: 3307466 • 3/4 SM

Selling 65

Red and Black Simmental & SimInfluenced Yearling Bulls, Open & Bred Females

25 Black Bulls

20 Red Bulls

10 Bred Heifers 15 Open Heifers



GAR Advance x Paydirt Reg #: 3307372 • 1/2 SM



Brown's Commitment x Dream On Reg #: 3307393 • 1/2 SM



GLS INtegrate x KS Dexter Reg #: 3307537 • PB SM



Tim & Tam Clark Ranch: (701) 448-2815

Tim Cell: (701) 799-7752 • Tam Cell: (701) 315-0032

www.DoubleTSimmentals.com

Stop by anytime to see the cattle! ~ Turtle Lake, ND

# INDUSTRY UPDATE

OTA said it will continue to fight for the rule's implementation. In December, OTA filed a lawsuit against USDA seeking judicial review of the Trump Administration's delay of the production rule. The lawsuit is pending, and USDA must answer it by mid-November.

OTA had said it anticipated a further "walk-back" from the Administration of the 14 years of work to improve and clarify organic animal agriculture regulations.

"Any steps by USDA to unwind the changes to federal organic regulations are being taken against a backdrop of nearly universal support among the organic community, animal welfare advocates and consumers for the rules that USDA has now rejected," OTA said in a statement. "We will continue this fight in the court, where a federal judge will now evaluate whether the Administration has wrongly ignored the laws that require consultation with the National Organic Standards Board and those requiring informing the public and providing consumers a chance to comment on organic policies before they take effect."

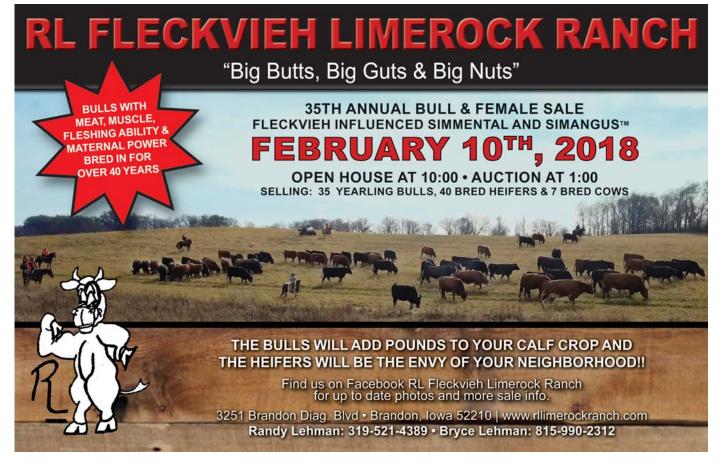
#### Livestock Haulers Granted 90-day Waiver

The US Department of Transportation (DOT) has granted drivers who haul livestock a 90-day waiver from a regulation requiring installation of Electronic Logging Devices on trucks, a move hailed by the National Pork Producers Council (NPPC).

NPPC requested on behalf of the US pork industry and other livestock sectors a waiver from the requirement for certain drivers. The organization also asked for an exemption from the regulation, citing the incompatibility between transporting livestock and DOT's Hours of Service rules. Those rules limit truckers to 11 hours of driving daily, after ten consecutive hours off duty, and restrict their onduty time to 14 consecutive hours, which includes non-driving time.

"The ELDs regulation poses some serious challenges for livestock haulers and the animals in their care," NPPC President Ken Maschhoff, a pork producer from Carlyle, IL, said in a statement. "This waiver will give the department time to consider our request that truckers transporting hogs, cattle and other livestock be exempt from the ELDs mandate. Drivers transporting livestock have a moral obligation to care for the animals they're hauling."

**CONTINUED ON PAGE 132** 



# For sale "In The Yards" in Denver



Purebred

ASA# 3327014



Purebred

ASA# 3327026



5/8 SM

ASA# 3327005



Purebred

ASA# 3327010



Monday, February 12, 2018 11:30 AM Des Moines, IA



3/4 SM

ASA# 3327009



Purebred

ASA# 3327000

For Sale Iowa Premier Sale Wednesday, January 24, 2018 Noon Colfax, IA



Purebred

ASA# 3327028

More Bulls For Sale Private Treaty Off the Farm

Creston, IA 50801 www.longsimmental.com

Rob-641.344.3028 Tyler-641.344.5085 Cody-641.344.4357



 LFE the Riddler 323B x Ellingson Ms. PBeef W972

 EPDs: CE
 BW
 WW
 YW
 ADG
 MCE
 Milk
 MWW
 \$API
 \$TI

 6
 5
 85
 128
 .27
 11
 22
 64
 110
 71

 Adj. WW: 974 lbs
 Adj. YW: 1,597 lbs.



 CCR Wide Range 9005A x Ellingson Loknload C5028

 EPDs: CE
 BW
 WW
 YW
 ADG
 MCE
 Milk
 MWW
 \$API
 \$TI

 10
 1.6
 80
 129
 .31
 12
 19
 59
 134
 79

 Adj. WW: 883 lbs.
 Adj. YW: 1,428 lbs.



Silveiras Mission Nexus 1378 x Ellingson Ms. Gunner U826 EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 9 3.7 77 113 .22 7 25 64 118 73 Adj. WW: 881 lbs. Adj. YW: 1,402 lbs.

For catalogs and information:



### **Terry Ellingson & Family**

Phone: 701-384-6225 Cell: 701-741-3045

5065 125th Ave. NE • Dahlen, ND 58224 email: tellings@polarcomm.com

#### **Guest Consignors:**

McDonald Farms, Inkster, ND ● 701-248-3654 Strommen Simmentals, Arthur, ND ● 701-967-8320

The catalog and updated information (homozygous polled test, ultrasound and scrotal measurements) will be available online.





WS Prime Time B6 x Ellingson Beef Maker Y135

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI11 3.3 95 144 .31 11 13 60 134 86

Adj. WW: 947 lbs. Adj. YW: 1,576 lbs.



V A R Discovery 2240 x Ellingson Cpt Morgan C572

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI
9 1.5 98 166 .43 10 28 77 151 96

Adj. WW: 891 lbs. Adj. YW: 1,495 lbs.

# Looking for Performance?

# Ellingson Simmental Performance Bull & Female Sale

Friday, January 26, 2018 • 1:00 pm CST

Sale Location: At the farm, Dahlen, ND

**Selling:** 90 Simmental and SimAngus™ Bulls – Red and Black

35 Open Heifers / Show Prospects

**8** Bred Heifers

Other sires include: W/C United 956Y, Brown JYJ Redemption Y133, HXC Conquest 4405P, J Bar J Nightride 225Z, Come ASUR Red Rocket, Ellingson Klondike Y123, PVF-BF BF26 Black Joker, Harvie JDFWallbanger 111X, Wheatland Bull 680S, TNT BCR Unified B203, Ellingson Dominator W905, W/C Executive Order 8543, LRS Top Ten 104Y, TJ Power Grid 363Y and WS All Aboard.

Bulls will be SEMEN TESTED and GUARANTEED BREEDERS.



 CCR Cowboy Cut 5048Z x Ellingson Nophalt T731

 EPDs: CE BW LU SUBSET SUBS



TNT Bootlegger Z268 x Ellingson MS K33B A356

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI
11 4 73 107 .21 9 20 56 131 75

Adj. WW: 847 lbs. Adj. YW: 1,522 lbs.



 SVS Captain Morgan 11Z x Ellingson Ms. Answer A348

 EPDs: CE BW WW YW 10 2.9 78 125 2.9 13 25 64 105 69

 Adj. WW: 838 lbs.
 Adj. YW: 1,384 lbs.

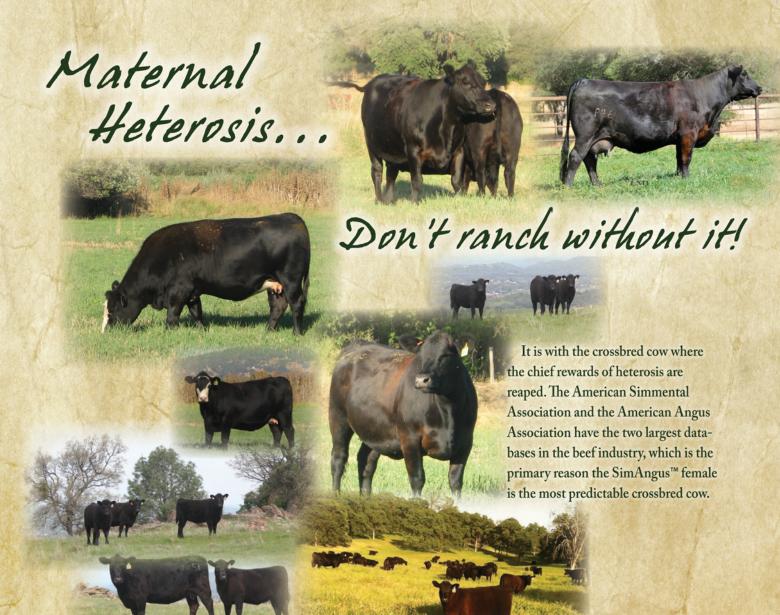


W/C United 956Y x Ellingson 680S W903

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI
6 3.2 78 130 .32 6 18 57 119 72

Adj. WW: 829 lbs. Adj. YW: 1,498 lbs.

www.ellingsonsimmentals.com or www.simmental.org



Our females provide the year to year power and consistency!



THURSDAY, SEPTEMBER 27
At the Circle Ranch Headquarters, Ione, CA

200 BULLS
110 SIMANGUS • 90 ANGUS

TIM • 209-765-1815 Joe • 530-392-0154

CONTACT EITHER PRODUCER TO BE ADDED TO THE MAILING LIST.

# Circle Ranch

Tim and Jill Curran • 209-765-1815 • 209-765-0450 1000 Cook Rd. • Ione, CA 95640 circleranch@volcano.net • www.CIRCLERANCH.NET



OFFICE: SACRAMENTO, CA • RANCH: AUBURN, CA Lloyd Harvego, Owner • www.BRUINRANCH.com Joe Fischer, Manager • 530-392-0154

## INDUSTRY UPDATE

The Commercial Motor Vehicle Safety Enhancement Act, enacted as part of the 2012 Moving Ahead for Progress in the 21st Century Act, mandated that ELDs be installed by December 18, 2017, in commercial motor vehicles involved in interstate commerce, when operated by drivers who are required to keep records of duty status. ELDs, which can cost from \$200 to \$1,000, record driving time and monitor engine hours, vehicle movement and speed, miles driven and location information.

DOT recently exempted from the Hours of Service regulations and from any distance-logging requirements truckers hauling livestock within a 150 air-mile radius of the location at which animals were loaded. The department is expected to publish guidance on the air-mile exemption, NPPC said.

#### New Technique for Ground Beef Production

A new technique developed by researchers at the University of British Columbia can identify unwanted animal products in ground beef within minutes, the school announced in a news release.

Using a laser-equipped spectrometer and statistical analysis, food science students led by professor Xiaonan Lu determined with 99% accuracy if ground beef

samples contained other animal parts, and could say with 80% accuracy which animal parts were used and in what concentration.

The new method can do so in less than five minutes, the scientists said, noting that it could therefore become a transformative tool in food safety regulation.

"By using this innovative technique, the detection of food fraud can be simpler, faster and easier," said the study's lead author Yaxi Hu, a Ph.D. candidate in UBC's faculty of land and food systems.

DNA testing has proven efficient and accurate in identifying foreign species in meat products, but DNA testing cannot identify offal — hearts, livers, kidneys and stomachs — mixed in with meat of the same species.

# **JBS Expects Higher Margins** for **US Beef**

Brazil's JBS S.A. expects to boost margins in its JBS USA Beef business in 2018 as market conditions improve, JBS USA CEO André Nogueira said in a conference call with analysts. JBS USA Beef, which includes operations in the United States, Australia and Canada, reported a 50.1% increase in its third-quarter earnings before interest, tax, appreciation and depreciation.



# RER Cattle Company



Featuring Sires:
Simmental
TKCC Carver
CCR Cowboy Cut
Pays To Dream
J Bar J Nightride
Rust Component
KR Mandan
Angus
Connealy Confidence Plus
SAV Bismark
Connealy Right Answer

# ANNUAL PRODUCTION SALE

Friday, February 16, 2018 • 1 p.m. • At the ranch, Chamberlain, SD





Steve & Elaine Reimer 605-234-6111/605-680-1939 www.RRCattleCo.com rrcattle@midstatesd.net

This sale will be broadcast live on the internet.

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Annual Production Sale March 28, 2018 LaCrosse Livestock Market LaCrosse, KS





REGISTERED HEIFERS - YEARLING BULLS - COMMERCIAL HEIFERS

www.diamondhcattle.org

# BENDA RANCH Simmentals

# Annual Production Sale Monday Feb. 12, 2018 - 1:00 PM

Kimball Livestock Exchange, Kimball, SD



Hook's Broadway 11B x JBS Miss Pace 851A ASA# 3319642 • 205 Adj. WW: 818 • 119 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 4 3.9 75 117 .26 10 26 63 126 78



KCF Bennett Absolute x JBS Miss Force 113A ASA# 3319696 • 205 Adj. WW: 711 • WWR: N/C

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 17 -1.7 69 111 .26 9 24 58 174 89



JBS Big Casino 336Y x JBS Miss Dream On 418U ASA# 3319672 • 205 Adj. WW: 794 • 115 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 11 0.0 70 101 .19 13 25 61 133 74



SAV Renown 3439 x JBS Miss Olie 932Z ASA# 3319750 • 205 Adj. WW: 782 • 114 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 11 1.3 75 120 .28 7 27 65 121 76



Selling 7 sons of Big Casino



CCR Santa Fe 9349Z x JBS Miss Tanker 218C ASA# 3319661 • 205 Adj. WW: 818 • 119 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 5 2.8 84 123 .24 13 18 60 130 78

Contact us for a sale catalog.



Jim & Jay Benda 26106 366th Ave, Kimball, SD 57355 email: bendaranch@midstatesd.net

Home: 605-778-6703 • Jim Cell: 605-730-6703 • Jay Cell: 605-730-0215



JBS Big Casino 336Y x JBS Ms Dew It Right 021Z <u>ASA# 3319627 • 2</u>05 Adj. WW: 900 • 131 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 10 .8 78 113 .21 11 24 64 134 78



CCR Cowboy Cut 5048Z x JBS Miss Bushwacker 86W ASA# 3319718 • 205 Adj. WW: 769 • 112 WWR

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 9 3.8 70 103 .21 11 28 63 119 71



Hook's Broadway 11B x Double J Miss U828 ASA# 3319729 • 205 Adj. WW: 765 • WWR: N/C

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 7 1.6 62 89 .17 9 26 57 123 73

#### Other Simmental Sires:

TKCC Carver, RBS Boise, LFE Riddler, KNH Added Value, Hart Final Sort

#### Other Angus Sires:

Mohnen Long Distance, SAV Bismarck

Bulls had no creep feed.

Cattle pictures can also be viewed at: www.bendaranch.com





# INDUSTRY UPDATE

"Margin expectation is even greater for next year," said Nogueira. Strong demand for beef and increased supply of cattle bolstered the company's performance in the US, though low cattle availability in Australia was a limiting factor. Australian cattle supply should start to recover in 2018 and return to normal in 2019, and cattle availability in the US should increase by 2% to 3% next year, he said.

JBS earlier this year announced a divestment plan aimed at raising money to pay short-term debt. The company has already sold European poultry processor Moy Park this year, as well as a stake in Vigor Alimentos and its beef operations in Mercosur.

The sale of Five Rivers Cattle Feeding in the US is expected to occur before the end of the year. Nogueira told Brazil's Valor Econômico newspaper that negotiations for the sale of the asset are advanced, and that JBS should announce the transaction this year.

### **Canadian Company Acquires US Vegan Food Company**

Canada's Maple Leaf Foods today announced it has reached a definitive agreement to acquire Field Roast Grain Meat Co. for \$120 million as it expands its portfolio in alternative meats.

Seattle-based Field Roast is a leading brand of premium grain-based 'meat' and vegan cheese products, with sales of approximately \$38 million. "The acquisition of Field Roast complements and expands our portfolio in the fast-growing North American market for alternative proteins," said Michael McCain, President and CEO, in a news release. "It also aligns with our vision to be a leader in sustainable protein and create shared value through making a positive social impact. Field Roast has built brand leadership through focusing on quality, craftsmanship and taste, and its acquisition will allow Maple Leaf to fuel growth in the category through investment, brand building and innovation."

Field Roast products are marketed across North America and include fresh and frozen grain-based roasts and loaves, sausages and frankfurters, burgers, deli slices and appetizers. The company was founded in 1997 and employs some 200 people at its 75,000-square-foot leased manufacturing facilities in Seattle.

Maple Leaf Foods expects to finance the transaction through a combination of cash-on-hand and drawings under the existing credit facility. The transaction is expected to close by the end of 2017 and be accretive to earnings. SI



# **Annual Production Sale**

January 26, 2018
Sumption Farms • 3:00 PM • 10953 390th Avenue, Frederick, SD Bids close 4:30 PM



SK Profit E232 ASA#: 3239267 - PB Simmental - Adj. WW: 876 lbs. Profit x Kappes Sadie M166



SK Lock N Load Ell6 ASA#: 3239151 - PB Simmental - Adj. WW: 830 lbs. Remington Lock N Load 54U x Kappes Sadie T635 Z624



SK Megatron £165 ASA#: 3239200 - ½ SM ½ AN - Adj. WW: 871 lbs. Kappes Megatron A12 x Connealy Thunder



1522 S. 5th Street • Aberdeen, SD 57401 Sterling Kappes - 605-216-3581 Bruce Kappes - 605-380-1303

View Bruce and Sterling's facebook pages for updated sale information.



ooking at Me?

The ok. Everybody Is.

2012 Across-Breed EPD Table, GPE Rep. 22, MARC, USDA

Trait	Simmental Rank vs. Major Continental Breeds*	Angus/Red Angus Rank vs. Major British Breeds
Marbling Score	First	Second
Carcass Weight	First	First
# Retail Product	Second	First
Weight Gain Feed Efficiency	First	Second
Weaning Weight	Second	First
Post Weaning Gain	Second	Second
Shear Force	First	First

"Crossbred steers with a 50:50 ratio of Continental European to British breed inheritance are likely to produce a more optimum balance between carcass quality grade and yield grade than crossbred or straightbred steers that represent either 100% British breed, or 100% Continental European breeding."

- MARC GPE Progress Report No. 22, USDA

# Itana Simmental Association

#### **MSA Members Bull and Private Treaty Sales**

Date	Ranch/Sale	City	Phone
February 3, 2018	Prickly Pear Simmental Ranch and Rocking W Heart Bull Sale	Helena	406-949-1754
February 5, 2018	Gateway Simmental Breeding Value Bull Sale	Lewistown	406-538-9695
February 7, 2018	Begger's Diamond V Ranch Genetic Source Bull Sale	Wibaux	406-796-2326
February 8, 2018	Lassle Ranch Simmental – Annual Bull Sale	Glendive	406-486-5584
February 12, 2018	Edge of the West Production Sale	Mandan, ND	701-843-8342
February 19, 2018	Bulls of the Big Sky Bull Sale	Billings	208-267-2668
February 27, 2018	Hill's Ranch Production Sale	Stanford	406-566-2479
March 2, 2018	Diamond Bar S	Great Falls	406-467-3303
March 3, 2018	Trinity Farms Generations of Excellence Sale	Ellensburg, WA	509-968-4800
March 6, 2018	Open 8 Genetics, Charlo	Charlo	406-978-3672
March 13, 2018	Open Gate Ranch Sale	Simms	406-644-3113
April 9, 2018	Nelson Livestock Co. Production Sale	Wibaux	406-588-3371
May 3, 2018	Nelson Simmental and SimAngus™ Bull Sale	Glasgow	406-228-2024
Private Treaty	Rocking L 4 Ranch	Bonners Ferry, ID	208-691-6656
Private Treaty	Walking 5	Broadview	406-667-2251
Private Treaty	Dennis Yurian	Huntley	406-348-2455
Private Treaty	Bob and Rhea Lanting	Twin Falls, ID	208-731-6646
Private Treaty	99 Bar Cattle	Alzada	406-828-4073
Private Treaty	Andrea Cocergine	Butte	406-479-0010
Private Treaty	Zimmerman Simmental	Stevensville	406-777-3869
Private Treaty	Black Summit Cattle	Powell, WY	307-899-3553
Private Treaty	Little Bitterroot Ranch	Hot Springs	406-741-2523
Private Treaty	Townsend Ranch, LLC	White Sulphur Springs	406-548-5770
Private Treaty	Wichman Ranch	Moore	406-350-0127
Private Treaty	Rolling Hills Ranch	Polson	406-239-7483
Private Treaty	3H Simmental	Plains	406-826-3765
December 1, 2018	Montana's Choice Simmental/SimAngus™ Sale	Billings	208-267-2668

Plan to attend Montana's Choice Sale, the following events, or contact Montana Simmental Association members to see what they have to offer you!



#### **Board of Directors**

#### **President: Rvan Thorson**

Glendive, MT 59330 406-694-3722 ryanthorson7@gmail.com

#### **Vice President:**

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### Secretary/Treasurer:

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**Low Density DNA testing** through the American Simmental Association (ASA) in exchange for feed intake and/or carcass data.

- ASA Members will receive one 50% off price discount for Low Density DNA testing for each carcass or feed intake record submitted.
- Records must be valid for use in ASA's genetic evaluation.
- All breeds and composites eligible if sire is registered in ASA multibreed database.
- Applies to animals born after August 31, 2015.
- Carcass Merit Program calves do not qualify.

Contact Jackie Atkins today for more details. 406-587-4531 or jatkins@simmgene.com

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## **NEW ANNUAL SALE DATE**

Thursday, March 1, 2018

1:00 p.m., At the Ranch, Mandan, ND

## **SELLING 180 HEAD**

100 High-Performance Red & Black Simmental & SimAngus™ Bulls and 80 Red & Black Simmental & SimAngus™ Heifers



E296 - #3312289 - PB SM - Red - Polled WS ALL ABOARD B80 CE 10.5 BW 2.3 WW 85.4 YW 128.1 MCE 14.1



E234 - #3312227 - PB SM - Black - Polled HOOK'S BEACON 56B M 30.9 MWW 67.0 API 164.3 TI 88.8



E051 - #3312045 - 3/4 SM 1/4 AR - Red - Polled WS ALL ABOARD B80 CE 14.0 BW -0.8 WW 84.5 YW 124.2 MCE 11.3 M 22.9 MWW 65.2 API 162.6 TI 91.3



E155 - #3312149 - PB SM - Black - Polled TRPH RRR NIGHTFORCE B30 CE 14.2 BW 0.5 WW 61.8 YW 99.3 MCE 11.3 M 21.0 MWW 51.9 API 152.9 TI 79.7



E082 - #3312076 - PB SM - Red - Polled WS ALL ABOARD B80 CE 11.6 BW 0.8 WW 81.2 YW 120.0 MCE 15.4





CLRS CONQUEST 634 C x HOOK'S BUFFY 21B HOMO BLACK HOMO POLLED 1/2 SM 1/2 AN

CE	BW	WW	YW	MCE	MILK	MWW
12.3	0.2	75	126.3	7.1	21.8	59.3
DOC	CW	YG	MARB	REA	API	TI
13.4	45.6	-0.09	0.77	0.91	169.4	89.6



CCR GRAVITY 9064A x CLRS BLESSING 427 B HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
13.2	-1.9	66.4	109.2	12.1	26.4	59.6
DOC	CW	YG	MARB	REA	API	TI
12.2	32.4	-0.2	0.65	0.98	168.5	84.5



HOOK'S BLACK HAWK 50B x HOOK'S CRYSTAL 1C HOMO BLACK HOMO POLLED 3/4 SM 1/4 AN

CE	BW	WW	YW	MCE	MILK	MWW
15.9	-1.6	75.1	125.5	10.1	22.6	60.2
DOC	CW	YG	MARB	REA	API	TI
14.4	42.5	-0.25	0.54	0.94	176	87.3



CCR WIDE RANGE 9005A x HOOK'S XCELLENCE 87X HOMO BLACK HOMO POLLED 3/4 SM 1/4 AN

CE	BW	WW	YW	MCE	MILK	MWW
13.5	-1.5	67.5	105.1	9.7	23	56.8
DOC	CW	YG	MARB	REA	API	TI
13.7	30.2	-0.27	0.44	0.96	169.1	84.4



K C F BENNETT ABSOLUTE x CLRS ZAKIRA 213 Z HOMO BLACK HOMO POLLED 1/2 SM 1/2 AN

CE	BW	WW	YW	MCE	MILK	MWW
13.2	0.3	71.3	119.8	6.4	20.7	56.4
DOC	CW	YG	MARB	REA	API	TI
13.5	42.1	-0.09	0.77	0.86	169.2	87



HOOK'S BEACON 56B x HOOK'S CHATTER 63C HOMO BLACK HOMO POLLED PB SM

CE	BW	WW	YW	MCE	MILK	MWW
17.7	-1.8	70.3	109	12	26.9	62.1
DOC	CW	YG	MARB	REA	API	TI
13.5	32	-0.35	0.68	1.19	185.4	93.6



HOOK'S XPECTATION 36X x HOOK'S CARAT 50C RED HOMO POLLED 3/4 SM 1/4 AN

CE 13.9	BW -0.5	WW 82.2	YW 120.5	MCE 10.2	MILK 21.2	MWW 62.3
DOC	CW	YG	MARB	REA	API	TI
14.4	40.2	-0.36	0.43	1.24	165.5	91.7



HOOK'S BEACON 56B x HOOK'S CRICKET 117C HOMO BLACK HOMO POLLED 3/4 SM 1/4 AN

CE	BW	WW	YW	MCE	MILK	MWW
16.2	-1.7	80.4	131.6	10	27.3	67.6
DOC	CW	YG	MARB	REA	API	TI
12.1	45.8	-0.28	0.61	1.26	167.3	92.9



HOOK'S BROADWAY 11B x HOOK'S BRITTA 16B HOMO BLACK HOMO POLLED PB SM

CE	BW	WW	YW	MCE	MILK	MWW
8.2	1.6	63.3	106.9	7.5	25.7	57.4
DOC	CW	YG	MARB	REA	API	TI
14.3	36.5	-0.36	0.47	1.09	144.5	79.1



CLRS CONQUEST 634 C x CLRS BREKKEN 413 B HOMO BLACK HOMO POLLED 1/2 SM 1/2 AN

CE 16.1	BW -1.4	WW 72.3	YW 129.4	MCE 9.9	MILK 22.6	MWW 58.7
DOC	CW	YG	MARB	REA	API	TI
13.8	45 6	-0 11	0.73	0 94	173 3	qn



HOOK'S BEACON 56B x CLRS BONNIA 405 B HOMO BLACK HOMO POLLED PB SM

CE	BW	WW	YW	MCE	MILK	MWW
22.1	-4.8	55.7	95.5	10.6	31.1	58.9
DOC	CW	YG	MARB	REA	API	TI
15.7	20.3	-0.34	0.71	1.22	188.1	90.6



J BAR J NIGHTRIDE 225Z x CLRS CHARLOTTE 534 C HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
15.5	-0.8	78.2	132.1	9.4	13.9	53
DOC	CW	YG	MARB	REA	API	TI
12.8	47.7	-0.05	0.93	0.61	175.8	96.2

# BRED FOR Balance

FEBRUARY 9, 2018 • 1:00 PM (CT) • STARBUCK, MINNESOTA

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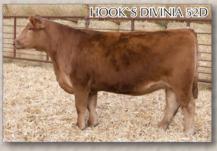
**HOOKS ARCHITECT 35A x CLRS ZUSIE 206 Z** HOMO BLACK HOMO POLLED 1/2 SM 1/2 AN Due 3/2/18 to CLRS Dividend 405D

CE	BW	WW	YW	MCE	MILK	MWW
13.3	-1.1	78.9	129.8	8.3	24.1	63.5
DOC	CW	YG	MARB	REA	API	TI
12.6	45.7	-0.3	0.71	1.16	167.2	93



W/C UNITED 956Y x HOOK'S UPPER LIMIT 117U HOMO BLACK HOMO POLLED 1/2 SM 1/2 AN Due 4/27/18 to OMF/DK Cruise Control

CE	BW	WW	YW	MCE	MILK	MWW
10.6	0.5	80.9	138.1	6.6	23	63.5
DOC	CW	YG	MARB	REA	API	TI
9.6	53.2	-0.07	0.51	0.74	137.8	86.1



HOOK'S XPECTATION 36X x HOOK'S BILLIE JEAN 20B RED HOMO POLLED 5/8 SM 5/16 AN 1/16 AR Due 3/1/18 to WS All Aboard B80

CE	BW	WW	YW	MCE	MILK	MWW
16.3	-4	70.3	109.6	9.5	25.1	60.3
DOC	CW	YG	MARB	REA	API	TI
13.9	29.2	-0.23	0.44	1.04	165.6	84.3



WS PRIME TIME B6 x CLRS CRIMSON 516 C **RED HOMO POLLED PB SM** 

			chis open			
CE	BW	WW	YW	MCE	MILK	MWW
14.8	-1.7	71.4	106.7	11.1	20.7	56.4
DOC	CW	YG	MARB	REA	API	TIME
10.9	30.6	-0.26	0.16	0.84	141.2	79.3



CCR SPARTAN 9124A x HOOK'S YARA 57Y HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN Due 3/2/18 to TJ Diplomat 294D

CE	BW	WW	YW	MCE	MILK	MWW
14.2	-2.6	62	86.8	12.8	24	55
DOC	CW	YG	MARB	REA	API	TI
14.7	17.4	-0.15	0.64	0.7	171.3	81.1



CLRS CONSTITUTION 311 Cx CLRS CARIA 520 C HOMO BLACK HOMO POLLED 3/4 SM 1/4 AN Sells onen

CE	BW	WW	YW	MCE	MILK	MWW
12.8	-1	78.9	126.9	7.3	19.5	58.9
DOC	CW	YG	MARB	REA	API	TI
12.5	44	-0.29	0.62	0.98	152.4	89.9

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406-581-7835 Marty Ropp **Corey Wilkins** 256-590-2487 www.alliedgeneticresources.com

# Home of the

EPDs as of 11.28.17



#### TKCC Classified 106C

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 6 2.4 71 110 .24 8 18 54 114 74

#### ASA# 3028710

One of the most exciting sires with a new pedigree twist! He commanded \$70,000 at the legendary Hudson Pines dispersal. His first progeny are creating nation-wide buzz!



Daughter at Lee Simmentals, MO



#### CLRS Dividend 405D

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 17 - 2.6 65 103 .24 10 24 56 171 86

ASA# 3097854

High-seller at \$52,000 for Clear Springs/Hook to APEX. Combines top % rank in every trait with great looks.



Dam: CLRS Bonnia 405B



#### W/C Relentless 32C

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 11 1.5 60 81 .13 8 16 46 121 71

ASA# 3045559

Werning's 2016 \$87,000+ high-seller by Utah! **Ultracool look and function!** 



Hudson Pines Farms high-seller and **Champion at Hoosier Beef Congress!** 



#### W/C Cash In 43B

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 12 0 51 71 .12 11 25 50 117 63

ASA# 2911606

Cash In, by JS Sure Bet out of the famous 8543U donor, has great calf reports for calving ease!



Miss Werning 8543U



#### **TLLC One Eyed Jack 15Z**

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 5 1.4 48 60 .08 -1.3 14 38 106 64

ASA# 2668223

One Eyed Jack's first calves are awesomely balanced with pizazz!



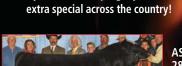
One Eyed Jack







One Eyed Jack's first progeny are looking





ASA# 2886364

### STCC Jack Around 4031

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 5 2.8 54 71 .11 2 16 43 107 66



ASA# 2886365



### STCC Jacked Up 4070

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 3 63 88 .15 2 15 47 107 70

The exciting brothers by One Eyed Jack x HF Serena have the whole country talking!



#### **FBF1 Absolute A103**

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 6 2.8 55 82 .17 7 18 45 108 60

ASA# 2841159

**Dream On and Steel** Force outcross pedigree with presence! Supreme Champion at 2015 World Beef Expo.



**Leading outcross** donor!



ASA# 2649657

A multiple-time **Champion producing** great progeny with his first crop!



Hetero black

Hetero polled

\$50,000 daughter at Circle M Sale, TX



### W/C Bankroll 811D

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 11 -.1 55 72 .11 10 22 49 113 62

ASA# 3187005 • Werning's 2017 \$205,000 high-seller! Loaded Up x 8543U – hot, hot, hot!



### Mr. Hoc Broker X623

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI -5 4.9 70 101 .20 2 11 46 61 54

ASA# 2531081 Grand Champion at the NAILE, Royal and Denver!



\$190,000 Broker Heifer



### SFG The Judge D633

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 13 .9 76 111 .22 12 25 63 138 85

ASA# 3208952

Cowboy Cut x 3/4 Top Grade tracing back to BC Lookout's full sister. Elite phenotype combined with breed leading data!



### **WS Jackson D20**

EPDs: CE BW WW YW ADG MCE Milk MWW SAPI STI 11 2 65 96 .19 7 18 51 124 70

ASA# 3208343 • Walsh's 2017 high-seller.
A PB Stepping Stone x Built Right red charlie free!



### **TNGL Track On B748**

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 13 1.2 56 79 .14 2 20 49 123 64

ASA# 2911629

Transmitting great structure & profile!



Son of Track On, Tingle Farms, KY.



### **STF Royal Affair Z44M**

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 5 3.8 52 82 .19 6 17 43 103 57

ASA# 2639758

The ultimate Dream On outcross!



Awesome Royal Affair son at Janssen Farms.



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EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI -1 2.2 62 89 .17 .6 18 49 71 58

ASA# 2522822 • High Regard is stamping his progeny with outstanding quality, making him a must-use regardless of his "old school" pedigree and EPD profile.



\$75,000 High Regard daughter at Jones Show Cattle, OH.



Hudson Pines/Circle M Farms sold for \$11,000.



High Regard feature for Hara Farms, OH.



Multiple-time Champion for Sara Sullivan



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EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 11 1.4 96 144 .30 8 27 74 144 94

ASA# 3152448 • TJ Main Event 503B x CDI Miss Shear Force 49U • A CDI top seller to JS Simmental and Wayward Hill Farm.



### W/C Lockdown 206Z

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 22 -2.7 68 108 .25 8 5 39 156 79

ASA# 2658496

Proven calving ease on heifers, yet produces incredibly sound, functional, good looking progeny!



\$17,000+ Lock Down at Plendl's



### **LAH Sixteen Step 628D**

EPDs: CE BW WW YW ADG MCE Milk MWW \$API \$TI 10 1.1 55 72 .11 8 14 41 119 63

ASA# 3123088

An exciting son of deceased Two Step out of WLE Missy U409, the full sister to WLE Uno Mas. Purebred Winter Calf Champion at the 2017 NWSS!



Dam: WLE Missy U409



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- First Class \$100/year
- All International \$100/year (US)

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### NATIONAL SIMMENTAL SALE

Held in conjunction with the National Simmental Show

SATURDAY JANUARY 27TH 5:00pm

In the West Arena



RJ PF Rite 7066E Relentless x 5406 | Halfblood



KCCI Exclusive | 16E / He sells as Lot |



C Bar WLE Wanda A991 Selling a Flush



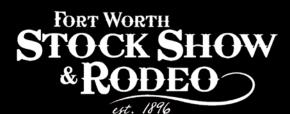
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RWA Distinction-ET / He sells as Lot 2 Champion at the American Royal



RP MP Built To Love
Full sister to dam of Quantum Leap,
Sells safe AI to WLE Uno Mas





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ASSOCIATION	
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February 3, 2018	Turnpike Creek Farms Angus & SimAngus™ Bull & Female Sale, Milan, GA Contact: Derek Williams 229-315-0986
Feb. 21-15, 2018	<b>GA Junior National State Livestock Show</b> , Perry, GA
February 17, 2018	Yon Family Farms Spring Sale, Ridge Spring, SC. Angus, SimAngus™ Bulls, Cow/Calf Pairs, Bred Heifers and Cows. Contact: Kevin or Lydia Yon 803-685-5048. www.yonfamilyfarms.com
February 24, 2018	Pigeon Mountain Beef Builders Spring Bull Test Sale, Armuchee, GA Contact: Bruce Van Meter, 770-547-1433 www.impactcattle.com
March 2, 2018	<b>60th Tifton Bull Test Sale,</b> Irwinville, GA Contact: Jacob Segers, 229-386-3683
March 13, 2018	Clear Vision Online Sale, Contact: Dwight Cooper 706-215-1251
April 5-7, 2018	GSSA Booth at the Georgia Cattlemen's Convention and Expo, Perry, GA
April 20, 2018	Cowboy Logic Female Sale, Talmo, GA Contact: Cole Elrod 678-410-1312

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## ALENDAR

### **JANUARY 2018**

- From the Ground Up Bull Sale www.dponlinesales.com 6-8
- The Royal Classic Sale Ames, IA C&C Farms Online Sale www.dponlinesales.com (pg. 146)
- SimMagic On Ice Denver, CO
- National Western "The One-Volume XXV" Sale Denver, CO (pg. 129) 15
- Wild Wild West Female Sale Brighton, CO
- Iowa Premier Colfax, IA (pg. 129) 24
- Sioux Empire Farm Show and Sale Sioux Falls, SD
- 26 Ellingson Simmentals' Annual Production Sale — Dahlen, ND  $(pgs.\ 597,\ 130)$
- 26 SK Cattle's Private Treaty Sale — Aberdeen, SD
- **27** Baxley Family Farms Sale — Georgetown, SC
- 27 Buzzard Hollow Ranch's 5th Annual Bull Sale — Granbury, TX (pg. 105)
- 27 Double J Farms' Private Treaty Bull Sale — Garretson, SD (pgs. 44-45, 60)
- Forster Farms' 39th Annual Production Sale Smithfield, NE (pg. 151) 27
- 27 J&C Simmentals' Annual Bull Sale — Arlington, NE (pgs. 58, 83)
- 27 The Cowtown Classic National Simmental Sale — Fort Worth, TX (pg. 145)
- 2nd Annual KnH Simmentals' Online Bull and Female Sale www.knhsimmentals.com
- Reck Brothers-N-Sons Genetic Advantage Production Sale Blakesburg, IA (pg. 25)
- Triangle J Ranch's Annual Production Sale Miller, NE (pgs. 22-23, 58)
- APEX Cattle 'Heterosis Headquarters' Annual Sale Dannebrog, NE (pgs. 10-11)
- 29 Sloup's Winter Event Online Sale www.dponlinesales.com

#### **FEBRUARY**

- Black Hills Stock Show and Sale Rapid City, SD
   Stavick Simmentals' Annual Sale Eblen, SD (pgs. 60, 73)
- Kunkel Simmentals' Annual Bull and Bred Female Sale New Salem, ND (pg. 85)
- Hilltop Simmentals' 5th Annual Bull Sale Hudson, SD
- Loonan Stock Farms' 43rd Anniversary Production Sale Corning, IA (pg. 95)
- Prickly Pear "Made In Montana" Sale Helena, MT (pgs. 57, 137)
- Ruby Cattle Co Simmental Performance Bull Sale Lamoni, IA
- Springer Simmental's "Value Based" Genetics Sale Decorah, IA (pg. 61)
- The Turn In Bull Sale Sioux Center, IA (pg. 97) Turnpike Creek Farms Bull and Female Sale — Milna, GA (pg. 146)
- Blue River Gang 34th Production Sale Rising City, NE (pg. 27)
- Hartman Cattle Company's Simmental Bull Sale Tecumseh, NE
- Klain Simmental Ranch's 36th Annual Production Sale Turtle Lake, ND
- 38th Annual Gateway "Breeding Value" Bull Sale Lewistown, MT (pgs. 71, 137, IBC)
  - Wicks Cattle's Bull Sale Richardton, ND (pg. 146)
- James Creek Simmental's Annual Private Treaty Sale, Vo. XV Heaton, ND
- Koepplin's Black Simmentals' 30th Annual Production Sale Mandan, ND (pg. 124)
- Sloup & Friends Winter Event Online Sale www.dponlinesales.com
- T&T Cattle's Production Sale Riverton, WY
- Begger's Diamond V Big Sky Genetic Source Bull Sale Wibaux, MT (pgs. 115, 137)
- Hart Simmental Beef Builder Bull Sale Frederick, SD (pq. 29)
- Lassle Ranch Simmentals' 25th Annual Production Sale Glendive, MT
- Bata Brothers 21st Annual Bull Sale Rugby, ND (pg. 121)
- Hook Farms and Clear Springs' "Bred for Balance" Sale Starbuck, MN
- TNT Simmentals' Annual Bull Sale Almont, ND (pgs. 57, 109)
- Watertown Winter Farm Show and Sale Watertown, SD
- Berger's Herdmasters Sim<br/>Angus  $^{\text{TM}}$  Hybrid Bull Sale North Platte, NE<br/> (pg.~101)10 CK & Wager Cattle's Inaugural Production Sale — Highmore, SD (pq. 120)
- 10 Dixie National Sale — Jackson, MS
- Grass-Lunning Bulls-Eye Bonanza Sale LeRoy, MN  $(pg.\ 31)$ 10
- Kenner Simmental Ranch's 22nd Annual Production Sale Leeds, ND (pg. 89)
- RL Fleckvieh Limerock Ranch's 35th Annual Bull and Female Sale -Brandon, IA (pg. 128)
- Schaff Angus Valley 115th Production Sale St. Anthony, ND 10
- Tom Brothers Private Treaty Bull Sale Campbellton, TX (pg. 154)
- Kline Simmental Ranch's 6th Annual Bull and Female Sale -Hurdsfield, ND (pa. 78)
- Rydeen Farms 20th Annual "Vision" Sale Clearbrook, MN (pgs. 21, 59)
- Benda Ranch Simmentals' Annual Production Sale Kimball, SD (pg. 135)
- Dakota Power Bull Sale Valley City, ND



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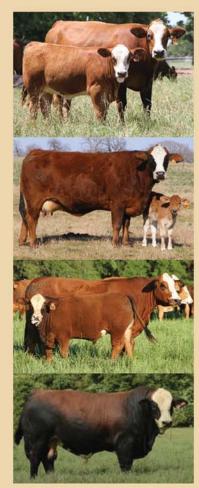
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### ALENDAR

### FEBRUARY(Cont.)

- 12 Edge of the West Female and Bull Sale Mandan, ND (pgs. 8, 57, 137)
- Iowa Simmental Annual "Mark of Excellence" Sale Des Moines, IA (pg. 129)
- Ludvigson Stock Farms' Dakota Bull Sale Center, ND (pq. 106)
- 13th Annual Bichler "Quality Not Quantity" Production Sale Linton, ND
- Bar CK Cattle Company's 4th Annual Profit Sharing Sale Culver, OR
- Werning Cattle CO Production Sale Emery, SD (pgs. 32-33)
- River Creek Farms' 28th Annual Bull Sale Manhattan, KS (pgs. 16-17, 59)
- Wilkinson Farms Simmentals' Breeding for the Future Sale Montpelier, ND
- Felt Farms' Brands of Excellence Bull Sale West Point, NE (pgs. 35, 58)
- Houck Rock Creek Ranch Spring Private Treaty Bull Sale Allen, KS
- Cow Camp Ranch's Spring Bull Sale Lost Springs, KS (pgs. 6-7, 59)
- Dakota Xpress Annual Bull and Female Sale Mandan, ND (pgs. 54-55, 57) Mader Ranches Bull Power Sale Carstairs, AB (pg. 103)
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- R&R Cattle Company's Annual Bull and Female Sale Chamberlain, SD (pq. 133)
- Sandy Acres Bull Sale Creighton, NE (pgs. 36, 58)
- 17 7P Ranch's 24th Annual Spring Bull and Female Sale — Tyler, TX (pg. 9)
- Badger Creek Bull Sale Emporia, KS (pg. 76)
- Dixson Farms, Inc., Private Treaty Sale and Open House Atwood, KS  $(pg.\ 108)$ 17
- Double T Simmental's Annual Production Sale Turtle Lake, ND (pq. 127)
- Genetic Blend Bull Sale Joplin, MO (pg. 118)
- Rhodes Angus Open House Bull Sale Carlinville, IL
- Yon Family Farms's Spring Sale Ridge Spring, SC (pg. 146) 17
- Trauernicht Simmental Nebraska Platinum Standard Bull Sale Beatrice, NE (pg. 37)
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- QBVJT Power By Design Sale Oakes, ND  $(pg.\ 117)$  Rocky Hill Farms' Online Sale www.dponlinesales.com 20
- Chestnut Angus Annual Bull Sale Pipestone, MN
- 21 TF-Brand Genetics Sale — Middletown, IN
- 22-24 Illinois Performance Tested Bull Sale, Springfield, IL
  - Nebraska Cattlemen's Classic Sale Kearney, NE
  - 3rd Annual Black and White Spring Forward Sale Montgomery, AL
- 24-3/3 Hofmann Simmental Farms' "Buy Your Way Sale" Clay Center, KS (pg. 38)
  - Mid-America Simmental Sale Springfield, IL 24
  - Minnesota State Simmental Sale Cannon Falls, MN
  - Pigeon Mountain Spring Bull Test Sale Armuchee, GA (pg. 146)
  - Hicks Cattle Company's Inaugural Sale Covington, IN (pg. 149)
- 26-27 Dakota Ladies Online Sale — www.dponlinesales.com
  - Lehrman Family Farms Production Sale Mitchell, SD (pg. 39)
  - 27 Barker Cattle Company's Production Sale — Burley, ID
  - Hill's Ranch Production Sale Stanford, MT (pgs. 57, 125, 137)
  - Houston International Simmental/Simbrah Sale Houston, TX
  - Larson XL Simmental's 40th Annual Production Sale Mandan, ND (pg. 80)
  - C Diamond Simmentals' Production Sale Dawson, ND (pgs. 86-87)

### **MARCH**

- 1 Brink Simmentals' Private Treaty Bull Sale Elkader, IA (pg. 112)
- Keller Broken Heart Ranch Sale Mandan, ND (pgs. 57, 139)
- 60th Tifton Bull Test Sale Irwinville, GA (pg. 146)
- Diamond Bar S Sale Great Falls, MT (pg. 137)
- Eichacker Simmentals' Annual Bull Sale Salem, SD (pgs. 60, 104)
- KSU Annual Legacy Sale Manhattan, KS
- 3 Cason's Pride & Joy Bull Sale — Russell, IA
- Kentucky Beef Expo Louisville, KY
- 3 Trinity Farms' Generation of Excellence Sale — Ellensburg, WA (pgs. 56, 137)
- Walsh Simmental Bull Sale, Hubbard, NE
- Gateway Genetics' Bull Sale Pierce, NE (pgs. 42-43)
- Gold Bullion Group's 16th Annual Sale, Manhattan, KS (pg. 126)
- March Madness @ Windy Ridge www.dponlinesales.com
- Dikeman and Huninghake Simmental and Angus Bull Sale Wamego, KS (pg. 119)
- Doll Simmental Ranch's 38th Annual Production Sale Mandan, ND (pg. 100)
- Open 8 Genetics Sale Charlo, MT (pg. 137)
- Prime 360 Beef Bull Sale Groton, SD
- Cattleman's Kind Bull Sale San Saba, TX
- Kearns Cattle Company's 29th Annual Bull Sale Rushville, NE (pg. 147)
- Schmig Simmental Ranch's 35th Annual Production Sale Stockholm, SD (pg. 99)
- Volk Livestock's Genetic Option Event West Point, NE (pg. 67)
- 10 16th Annual Carcass Performance Partners Bull Sale Lucedale, MS



## FORSTER FARMS

39th Annual Simmental Production Sale

## **JANUARY 27, 2018**

SMITHFIELD, NEBRASKA · 1:00 PM

(at the farm, one mile east of Smithfield on Hwy. 23, then 1/2 mile north)



FF Pay Weight E1025

1/4 Blood SimAngus™

Basin Payweight 1682 x FF Marathon U075

BW WW YW ADG MCE Milk MWW MB REA \$API \$TI
.1 73 120 .29 12 30 67 .88 .38 149 87



FF Absolute E912

3/8 Blood SimAngus™

KCF Bennett Absolute x BS MR Hall Of Fame N497

CE BW WW YW ADG MCE Milk MWW MB REA \$API \$TI

13 -.1 73 112 .24 8 18 55 .61 .89 145 81



FF MS United E970

Open Heifer • 1/2 Blood SimAngus™
W/C United 956Y x T J Payoff S66

CE BW WW YW ADG MCE Milk MWW MB REA \$API \$TI

10 1.2 81 128 .29 8 17 58 .34 .41 135 79



FF Cowboy Cut E1018
3/4 Blood SimAngus™
CCR Cowboy Cut 5048Z x T J Payoff S66

CE BW WW YW ADG MCE Milk MWW MB REA \$API \$TI
12 2.7 85 124 .25 8 24 67 .48 .77 147 84



FF MS Tour of D E1450

Open Heifer • 3/8 Blood SimAngus™

R B Tour of Duty 177 x CNS Dream On L186

CE BW WW YW ADG MCE Milk MWW MB REA \$API \$TI

12 .6 69 110 .25 12 29 63 .29 .76 118 72



FF United E1279

1/2 Blood SimAngus™

W/C United 956Y x Connealy Final Product

CE BW WW YW ADG MCE Milk MWW MB REA \$API \$TI

11 -.7 79 130 .32 9 21 60 .48 .75 139 85

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## WILDBERRY Annual Production Sale

**60 BULLS AND 25 BRED HEIFERS SELL** 



E017 // ASA 3255491 // PB SM BLACK, POLLED IR ZEUS A718 SON.

CE	BW	ww	YW	MCE	MILK	MWW
15.5	-0.8	75.1	108.8	11.3	25.4	63.0
DOC	CW	YG	MARB	REA	API	TI
15.7	33.0	-0.36	0.49	0.94	166.6	89.6



E118 // ASA 3255580 // PB SM BLACK, POLLED WBF PREFERRED BET 2039 SON.

Œ	BW	WW	YW	MCE	MILK	MWW
10.5	2.8	67.8	101	7.4	24.5	58.4
DOC	CW	YG	MARB	REA	API	II
18.4	34	-0.35	0.18	0.89	133.6	72.7



FARMS

E086 // ASA 3255548 // PB SM BLACK, POLLED FC FHG TGRADE 005 SON.

CE	BW	WW	YW	MCE	MILK	MWW
5.8	3.9	67.9	102.5	6	24.2	58.2
DOC	CW	YG	MARB	REA	API	TI
16.1	36.7	-0.32	0.39	0.81	130.3	75.4



E016 // ASA 3255490 // 1/2 SM 1/2 AN BLACK, POLLED RIWE PROPHET MARGIN 1393 SON.

CE	BW	WW	YW	MCE	MILK	MWW	
18.6	-5.5	60.6	99.4	10.2	25.8	56.1	
DOC	CW	YG	MARB	REA	API	TI	
12.0	21.2	-0.19	0.81	0.75	163.4	86.9	



E084 // ASA 3255546 // 3/4 SM 1/4 AN BLACK, POLLED FC FHG TGRADE 005 SON.

Œ	BW	WW	YW	MCE	MILK	MWW
8.3	2.1	62.2	97.8	6.4	24.4	55.5
DOC	CW	YG	MARB	REA	API	TI
10.8	31.5	-0.21	0.63	0.53	132.9	75.3



E081 // ASA 3255543 // 3/4 SM 1/4 AN BLACK, HOMO POLLED LMF REVENUE Z24 SON.

BW	WW	YW	MCE	MILK	MWW
1.7	61.7	81.2	7.9	20.7	51.5
CW	YG	MARB	REA	API	TI
20.3	-0.31	0.44	0.59	133.7	70.4
	1.7 CW	1.7 61.7 CW YG	1.7 61.7 81.2 CW YG MARB	1.7 61.7 81.2 7.9 CW YG MARB REA	1.7 61.7 81.2 7.9 20.7 CW YG MARB REA API

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D911 // ASA 3113376 // PB SM BLACK, POLLED GW-WBF SUBSTANCE 820Y DAUGHTER.

Œ	BW	WW	YW	MCE	MILK	MWW
16.2	-1.6	51.6	78.6	8.9	22.3	48.1
DOC	CW	YG	MARB	REA	API	TI
19.5	14.5	-0.34	0.4	0.77	149.7	74.3

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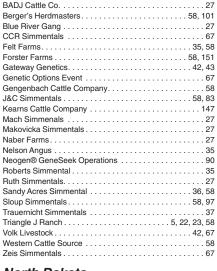
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1SM00151 LRS ELEVATE 213B

### **ELEVATE**

Homozygous Black, Homozygous Polled Purebred

Hook's Yellowstone 97Y x TNT Dual Focus T249 | Reg#: 2842534

- > Elevate's first calves were born easy with lots of vigor, and quickly grew into standouts in the pasture with wide tops and square hips.
- Elevate's breed-leading combination of CED/BW, ADG, STAY and MARB places him among the breed's best for both API and TI while siring plenty of spring of rib, depth of rib and flank.

CED	BW	ww	YW	ADG	MCE	MM	MWW	STAY	DOC	CW	YG	MB	BF	REA	SHR	API	TI
20.7	-2.4	54.7	88.5	0.21	12.1	25.6	53.0	21	11.4	19.5	-0.33	0.26	-0.020	0.99	-0.36	168.6	74.5
.66	.80	.73	.72	.72	.29	.30	.40	.34	.14	.54	.35	.43	.40	.35	.16		
1%	1%			10%	15%	20%		1%				25%		20%		1%	20%



1SM00155 J BAR J NIGHTRIDE 225Z

### **NIGHTRIDE**

Homozygous Black, Homozygous Polled, 5/8 Simmental, 3/8 Angus

GW Premium Beef 021TS x GW Lucky Boy 252U Reg#: 2628568

- Nightride offers a total outcross pedigree to Shear Force and Legacy genetics.
- His progeny are born small with lots of vigor. They are square-made with sound structure on a moderate frame.

CED	BW	ww	YW	ADG	MCE	MM	MWW	STAY	DOC	CW	YG	MB	BF	REA	SHR	API	TI
22.3	-4.3	51.5	87.4	0.22	12.6	15.5	41.3	7.2	13.7	16.2	-0.17	1.03	-0.010	0.52	-0.67	178.3	87.6
.87	.91	.88	.88	.88	.80	.80	.82	.41	.56	.60	.48	.61	.56	.56	.18		
1%	2%				10%				15%			1%			1%	1%	3%



1SM00149 MSR TENACITY 3733A

### **TENACITY**

Homozygous Black, Homozygous Polled, 1/2 Simmental, 1/2 Angus

Connealy Confidence 0100 x Dikemans Sure Bet | Reg#: 2858864

- A sleep-all-night, SimAngus™ calving ease sire backed by the popular Connealy Confidence 0100.
- > Tenacity calves are born easy with excellent vigor.

CED	BW	ww	YW	ADG	MCE	MM	MWW	STAY	DOC	CW	YG	MB	BF	REA	SHR	API	TI
22.8	-6.7	42.0	60.2	0.11	16.1	25.8	46.7	10.8	13.2	-3.9	-0.13	0.44	0.104	1.06	-0.37	151.4	70
.55	.75	.65	.66	.66	.29	.29	.38	.31	.25	.51	.35	.44	.41	.36	.17		
1%	1%				1%	20%			15%					4%	25%	10%	

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## Fertility ... Longevity ... Profitability.





At Red Hill Farms, we are proud to offer consistent genetics that rank at the top of the breeds for economic indices. Maternal traits, such as calving ease, low maintenance energy requirements and high conception rates reinforce what we already know profitability starts with the cow. Additionally, profitability is intensified when cattle grow and grade. Profitability truly is pasture to plate!

### Visit

### www.RedHillFarms.net

for information about our sale and breeding program.



# TO OUR CUSTOMERS WHO MADE OUR 2017 BULL & FEMALE SALE A SUCCESS!

121 Fall Yearling bulls averaged \$4,373 193 Replacement Females averaged \$1,825 314 Total Head Grossed \$881,300 to average \$2,807





\$10,000 to C & L Farms of Gadsden, AL, Salinas Farms of Marion, MI & J/C Simmentals of Clare, MI

PRIVATE TREATY BULLS FOR SALE | SIMANGUS™ & SIMMENTAL Fall Yearling & Two Year Old Bulls

Visit our website for complete information and videos.







**Owners Wendell & Nan Gibbs** H: 256-568-7552 C: 404-535-8663 wendellgibbs@bellsouth.net

**Operations Manager** Doug Gibbs C: 404-717-2264 gibbsfarms8@bellsouth.net **Genetic & Marketing Manager Gordon Hodges** C: 336-469-0489 pvfghodges@yadtel.net

## Pullblood Simmental Fleckvieh Federation

If you are looking to add value to your herd, you cannot afford to pass up the proven benefits of Fleckvieh Simmental genetics! Fleckvieh cattle are moderate framed with excellent muscling and exceptional milk production. They easily adapt to diverse environmental conditions; hot or cold, they will perform in your location! Fleckvieh Simmental cattle provide management advantages with their docile temperaments and favorable birth weights. You can even custom design your herd by choosing from polled, horned and diluter-free genetics. It doesn't stop there! Maternal power? Yes! Fleckvieh cows exhibit excellent fertility and milking abilities. All that milk makes for fat, happy calves resulting in higher weaning weights. Terminal power? Yes! Fleckvieh cattle excel in the feedlot and on the rail, consistently producing the desirable carcass traits consumers' demand. Still have your doubts? The purity and consistency of the Fleckvieh lineage offers significant heterosis when utilized in Purebred and Commercial herds! Invest in Fleckvieh Simmental genetics to take your program to the next level!

Contact these Fleckvieh breeders or the FSFF office for more information.

### Your Northern Source for Fleckvieh Genetics



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www.jamescreeksimmental.com

### JENSEN SIMMENTALS

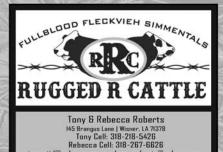
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ART-JEN SIMMENTAL FARM

18435 S. 169 Hwy • Olathe, KS 66062

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Polled Fullblood Fleckvich

**PHILLIP & ANN MORRIS** Alan Morris, Farm Manager

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www.bar5.com





Fullblood Fleckvieh Simmentals the breed that will improve your herd

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S/M Fleckvieh Cattle Jeff Sorenson Garretson, SD 605-359-8728 cell sorenson@augie.edu www.smfleckvieh.com





Email: tomzook@zookfarmequipment.com

Full-Fleckvieh Fullblood · Horned and Polled

### Brink Fleckvieh

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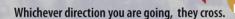
Ph: 306-697-7204 Email: kenshau@yourlink.ca BRIEBERS OF FULL PLECKVIE www.doublebardfarms.com

## BUY THE BEST DON'T JUST BUY A BULL

### 38<sup>TH</sup> Annual Gateway "Breeding Value" Bull Sale

Monday, February 5, 2018 at Noon, MST
Offering 250 Bulls at the Ranch near Lewistown, Montana

ALL BULLS SELL WITH GENOMIC ENHANCED EPDS
FREE FEEDING UNTIL APRIL • FREE DELIVERY



SALE BULL AVERAGE EPDs:

API	TI	CE	BW	ww	YW	MCE	MILK	MARB	REA
169	85	17	-1.7	64.5	106	11.5	24	0.71	0.69
3%	4%	6%	15%	35%	21%	11%	30%	5%	50%



GW BAR CK BREAKOUT 667Z x GW MISS BLUE MOON 013X HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
19	-2.2	64	113	12	20	52
DOC	CW	YG	MARB	REA	API	TI
13	35	-0.22	0.9	0.72	176	90



TFS DUE NORTH 2659Z x GW MISS PREDOMINATE 406C HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
18	-2	78	123	14	22	61
DOC	CW	YG	MARB	REA	API	TI
14	40	-0.14	0.77	0.86	177	95



GW BREAKTHRU 045C x GW MISS ROOKIE 249B HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	WW	YW	MCE	MILK	MWW
18	-1.7	62	116	12	24	55
DOC	CW	YG	MARB	REA	API	TI
13	38	-0.12	0.89	0.58	184	89



HOOK'S BEACON 56B x GW MISS BLUE MOON 316Y
HOMO BLACK HOMO POLLED PB SM

CE	BW	WW	YW	MCE	MILK	MWW
18	-0.5	63	101	13	30	61
DOC	CW	YG	MARB	REA	API	TI
13	30	-0.4	0.68	1.3	180	88



TJ MARLBORO MAN 360A x GW MISS BREAKOUT 414C HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

Œ	BW	ww	YW	MCE	MILK	MWW
19	-0.5	76	121	13	24	62
DOC	CW	YG	MARB	REA	API	TI
12	42	-0.06	0.71	0.63	179	90



GW PREDOMINATE 848A x GW MISS PREM BEEF 500Z HOMO BLACK HOMO POLLED 5/8 SM 3/8 AN

CE	BW	ww	YW	MCE	MILK	MWW
16	-1.2	72	117	12	20	57
DOC	CW	YG	MARB	REA	API	TI
15	38	-0.14	0.8	0.67	167	90

### Gateway Simmental and Lucky Cross bulls

are bred to deliver better females and better beef! Consider our moderate framed, big bodied bulls with great EPDs for calving ease, maternal calving ease and stayability. Gateway bulls can get you back in the business of delivering long term value into your future. 80 plus bulls qualify as 4 star calving ease bulls. 90% rank in the top 10% for API. Buy Gateway bulls this spring to deliver heterosis, durability and generations of proven maternal adaptability!



Marty Ropp 406-581-7835 Corey Wilkins 256-590-2487 www.alliedgeneticresources.com





### Jim and Tom Butcher

Jim 406-350-0467 • Tom 406-350-0979 butcher@3riversdbs.net • 2109 Joyland Road, Lewistown, MT 59457 www.gatewaysimmental.com

Chris Miller, Larry Hagenbuch, Logan Butcher

