Volume 30 • Number 2 March 2022

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In This Issue:

11

Simmental Takes Hold in Tennessee ASA Announces STYLE Getting Back to the Simple Things/ Genetic Trends

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IN THIS ISSUE

8 ASA Announces STYLE

ASA announces SimGenetics Training for Young Leaders and Entrepreneurs (STYLE) 2022, a leadership program for beef industry enthusiasts age 25 to 40. by ASA staff

VOLUME 30 – NO. 2

12 Simmental Takes Hold in Tennessee

The University of Tennessee offers seedstock producers and commercial cow-calf producers a valuable resource. by Lilly Platts

20 Getting Back to the Simple Things Evaluating the basic principles of the beef business and profitability. by Chip Kemp

24 Cattle, Computers, and Climate How computer simulations can help create a sustainable beef industry. by Drew Lakamp, Walton Berry grant recipient

DEPARTMENTS

- 4 From the Editor
- 42 Industry Update
- 82 Calendar of Events
- 86 Rates & Policies
- 90 Ad Index



Bull sale season is in full swing across the country. Photo by Luke Bowman.

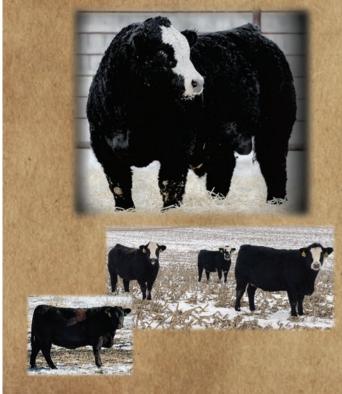
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It's hard to believe that we

are already in March, well into calving season, and looking

always, I am extremely proud

of this issue and the work our

team has put into it. For this issue's *From the Editor* I want

about what we have been up

beef industry advocacy win.

to and tell a story about a local

to veer away from talking

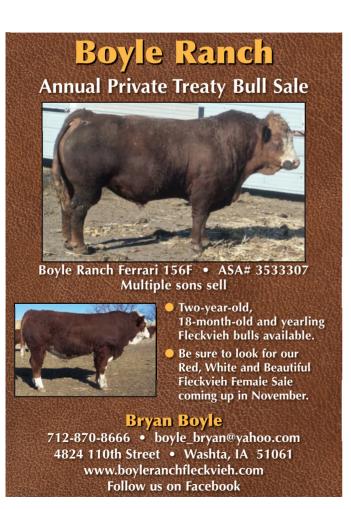
forward to green grass. As



Lilly Platts

It's a story that applies to anyone who raises or eats beef, and I hope everyone can learn from it.

Bozeman, ASA's home, is growing at a breakneck pace. Prior to the pandemic the area was growing quickly, and the increase in remote work and desire to leave metropolitan areas has caused the valley to explode. Big Sky, home to the Yellowstone Club, is a popular destination for wealthy vacationers, and overall, the once quaint little cow town is looking alot more like a trendy sister to Jackson Hole, or Boulder.



This population growth of course means an increased range of viewpoints, which is something anti-ag groups have taken notice of. They know Bozeman is growing, and that it could be an effective target for their campaigns. Recently, the Bozeman Yellowstone International Airport luggage carts became mobile advertisements for an anti-cattle campaign by PETA. This space, located beneath the handle of the cart, was paid for by an advertiser and not part of any campaign by the airport itself, but this of course caught people's attention.

Green Mountain Red Angus first posted the photo of the carts on their Facebook page, calling out the Bozeman airport for allowing the ad to run in a community where the beef industry is respected and important. As of this writing, over 1,400 people shared the post and more commented on it. I saw it across friends' pages, accompanied by outraged captions and hundreds of comments of agreement. But here is where the Green Mountain family sets themselves apart: they went past the trap of just posting on social media, and contacted the airport, asking to have a discussion about the advertisements. They were able to have a conversation with management and the airport quickly removed the ads, explaining that they had questioned the ad when it was initially presented, tried to stop it, and found they could be put in a difficult legal situation. The airport even shared that their legal counsel has since revisited their advertising policy and amended it so they are able to put a stop to ads like this in the future.

What are the lessons we can learn from this? First, as my friend Morgan, a fellow journalist, said in response to the situation, "Quit complaining and start doing." The crew at Green Mountain Red Angus didn't just post a photo of the ad on Facebook to complain. They gained support and then did something about it in a professional, mature manner.

Second, something you will now see if you look on Facebook is a photo of the blank luggage carts, not the ad. Why? The folks at Green Mountain know that sharing the ad, even in disagreement and anger, is spreading PETA's message. This is a lesson we all need to learn. It's ok to spread awareness, but do it in a way that isn't spreading the wrong message. Anti-ag groups don't care what kind of emotion their message is being spread with. Every share, click, and little angry face reaction is online traffic, and with social media, traffic is the goal. So, if you see something on social media that you feel strongly about, in ag or not, stop before you share it. Send an email, file a complaint, and call you friends, but don't just share things because they make you mad. We're often feeding the opposition without even knowing it.

I hope this issue of SimTalk finds everyone well, and that this story encourages everyone to be informed, intelligent advocates for our industry.

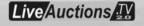


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 128
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1777 J | ASA# 3954061 | 1/29/21 | Offered by Kaser Brothers 3/4 sm | WS ALL ABOARD B80 x BIEBER HARD DRIVE Y120 BW WW YW MILK REA MARB TI API -0.8 92 138 24 117 040 93 138



TOO3 | ASA# 3922183 | 2/10/21 | Offered by Arrow H Cattle | BASIN PAYWEIGHT 1682 x CNS DREAM ON L186 1/2 SM MH K REA MARB TI ΔΡΙ ww 73 110 26 0.19 0.35 78 134 0.0



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 J114
 I ASA# 3947730
 I 2/27/21
 I Offered by Beach Cattle Co.

 PB SM
 I OVAL F GENUINE G930 x
 RUBYS ABSOLUT 317A

 BW
 WW
 YW
 MILK
 REA
 MARB
 TI
 API

 2.3
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 171J
 ASA# 3954055
 2/10/21
 Offered by Kaser Brothers

 PB SM
 BELL BOZEMAN × OLAF RED PATRIARCH X129

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 MILK
 REA
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J010	I ASA#	39510	14 2/1	9/21	Offered by	womA	H Cattle
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BW	WW	YW	MILK	REA	MARB	TI	API
0.0	93	139	33	0:96	0.36	97	153

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STYLE: A Leadership Program for the Industry's Next Generation

ASA is excited to announce SimGenetics Training for Young Leaders and Entrepreneurs (STYLE) 2022, a leadership program for beef industry enthusiasts age 25

to 40. The in-person program will be held in Oklahoma City, June 17–19, 2022. STYLE intends to develop leaders who better appreciate and understand the complex environments of the beef industry, who can more effectively serve ASA stakeholders in the future. Attendees will focus on the following:

- Enhanced awareness of their own strengths and how to leverage these strengths.
- Gain a more thorough understanding of ASA governance.
- Gain insight into the various beef industry segments.
- Increase engagement regarding the future of ASA and the industry.

Who should apply for the program?

Beef and SimGenetic enthusiasts from age, 25 to 40.

What can attendees expect at STYLE?

The STYLE program has been crafted by an industry expert in leadership development, and ASA staff. The structure of the event is a mixture of talks, panels, interactive sessions, small group experiences, meaningful mentorship opportunities, suggested readings, and real-life examples of overcoming serious obstacles. The content will range from inward-facing personal assessment to ASA governance, industry trends and voices, and encouragement by leading figures within the beef business.

What does STYLE cost?

Attendees will be responsible for their travel expenses to Oklahoma City, lodging, and some meals. The registration fee is \$200/attendee or married couple. This will cover multiple meals, written resources, session attendance, and a visit to the Oklahoma City National Memorial. *Upon attendance, full participation, and completion of the STYLE program, \$200 will be credited back to the ASA account of the attendee for future use (i.e. registrations, transfers, and THE)*. All those who sign up by the early entry deadline of March 18, 2022, will have their name placed into a drawing for two free lodging packages.

Why did ASA see a need for a program like this?

Responsible beef producers are constantly studying the future of their operation, the sustainability and adaptability of their business model, and keeping a watchful eye toward the need for new voices and fresh perspectives. Similarly, ASA trustees and staff intend to steward the future of ASA and its services for its membership and the industry at large. That future is to be most heavily impacted and determined by young professionals and families who are presently using and implementing Sim-Genetics and ASA tools, services, and strategies to grow their own businesses. It is important to connect with those producers to better serve their present needs, while also giving them greater insight into ASA and its mission. STYLE situates us better today, and serves as a training ground for insightful leaders tomorrow.

Why is it important to encourage young producers in our breed to be leaders?

ASA exists to improve beef business profitability through the honest and clear use of data and facts. Commitment to that mission has built the "Business of Simmental" into the most innovative and commercially focused breed association in existence. This is evident in current successes across the industry. However, that mission is also what allows us to continue to push, to adapt, to accurately self-assess, and to ultimately navigate challenging times. This is a lofty charge. To maintain this course and improve, we must have the creativity, ingenuity, commitment, and input of those who will be at the helm over the next 30 years.

What? STYLE 2022

When? June 17–19, 2022

Where? The Skirvin Hilton, One Park Ave., Oklahoma City, OK 73102

Early entry deadline (will make participant eligible for lodging drawing): March 18, 2022

Final entry deadline: April 1, 2022

How to apply: simmental.org/STYLE

Questions? Please email ckemp@simmgene.com

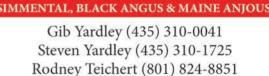
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J285, Achievement x SAV Rainmaker 5/8 SM 3/8 AN BW:70 WW:678



J263, Yardley Chunk x Lover Boy 1/2 SM 1/2 AN BW:70 WW:678



J261, Catalyst x Coleman Bravo PB AN BW:70 WW:678



J410, Sniper x Pressure Point PB SM BW: ET WW: 703



J348, Yardley Standout x Stepping Stone 5/8 SM 3/8 AN BW:80 WW:761



J284, Yardley Standout x Top Notch PB SM BW: 78 WW: 737



J286, Achievement x Stepping Stone 3/4 SM 1/4 AN BW: 58 WW: 659

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W/C Fort Knox 609F By W/C Bankroll 811D EPD: CE: 12 \$API: 150 \$TI: 91



W/C Pinnacle E80 By W/C Loaded Up 1119Y EPD: CE: 13 \$API: 123 \$TI: 71



W/C Night Watch 84E By CCR Anchor 9071B EPD: CE: 18 \$API: 154 \$TI: 87



DMCC Black Velvet 5E **By Pays To Believe** EPD: CE: 5 \$API: 105 \$TI: 74



SSC Shell Shocked 44B By Remington Secret Weapon 185 EPD: CE: 18 \$API: 134 \$TI: 74



ACLL Fortune 393D By MR TR Hammer 308A ET EPD: CE: 9 \$API: 97 \$TI: 71



GSC GCCO Dew North 102C By HTP/SVF Duracell T52 EPD: CE: 15 \$API: 114 \$TI: 81



PBF Red Paint F88 By W/C Executive Order 8543B EPD: CE: 14 \$API: 117 \$TI: 75



WLE Copacetic E02 By HPF Quantum Leap Z952 EPD: CE: 14 \$API: 113 \$TI: 77 EPD as of 11.5.2021



THSF Lover Boy B33 By HTP/SVF Duracell T52 EPD: CE: 15 \$API: 157 \$TI: 92



W/C Double Down 5014E By W/C Executive Order 8543B EPD: CE: 16 \$API: 113 \$TI: 72



NFW

Ruby SWC Battle Cry 431B Bv MR HOC Broker EPD: CE: 11 \$API: 98 \$TI: 75





TJSC King of Diamonds 165E By LLSF Pays To Believe ZU194 EPD: CE: 11 \$API: 112 \$TI: 75



W/C Relentless 32C By Yardley Utah Y361 EPD: CE: 9 \$API: 117 \$TI: 75



LLSF Vantage Point F398 By CCR Anchor 9071B EPD: CE: 14 \$API: 132 \$TI: 85



PAL/CLAC Meant To Be 823E By Mr HOC Broker EPD: CE: 13 \$API: 110 \$TI: 70



SC Pay the Price C11 By CNS Pays to Dream T759 EPD: CE: 8 \$API: 114 \$TI: 77



Holtkamp Clac Change Is Coming 7H By WLE Copacetic E02 EPD: CE: 13 \$API: 106 \$TI: 75



3/4 NAILE an

JASS On The Mark 69D By W/C Loaded Up 1119Y EPD: CE: 11 \$API: 121 \$TI: 74



W/C Cyclone 385H By W/C Bankroll 811D EPD: CE: 13 \$API: 134 \$TI: 82



Ruby NFF Up The Ante 9171G

EPD: CE: 11 \$API: 120 \$TI: 70 200.00

By Ruby's Currency 7134E





Reckoning 711F

NWSS Champ By W/C Relentless 32C EPD: CE: 10 \$API: 118 \$TI: 68



WS Revival B26 By LLSF Uprising Z925 EPD: CE: 11 \$API: 100 \$TI: 67



KSU Bald Eagle 53G By Hook`s Eagle 6E EPD: CE: 14 \$API: 178 \$TI: 104



MR CCF The Duke G42 By Mr CCF Vision EPD: CE: 11 \$API: 116 \$TI: 72



TL Ledger 106D By Profit EPD: CE: 10 \$API: 112 \$TI: 69



LLSF Pays To Believe ZU194 By CNS Pays To Dream T759 EPD: CE: 9 \$API: 120 \$TI: 80



W/C Bankroll 811D By W/C Loaded Up 1119Y EPD: CE: 13 \$API: 127 \$TI: 80



FELT Perseverance 302F By W/C Executive Order 8543B EPD: CE: 14 \$API: 111 \$TI: 72

NEW



CLRS Guardian 317G By Hook`s Beacon 56B EPD: CE: 18 \$API: 211 \$TI: 115



W/C Express Lane 29G By Rubys Turnpike 771E EPD: CE: 14 \$API: 136 \$TI: 83



WLE Black Mamba G203

EPD: CE: 13 \$API: 136 \$TI: 82

By WLE Copacetic E02

Erixon Bitten 203A By NCB Cobra 47Y EPD: CE: 15 \$API: 150 \$TI: 87



LCDR Favor 149F By LCDR Witness 541C EPD: CE: 11 \$API: 150 \$TI: 100



SFG The Judge D633 By CCR Cowboy Cut 5048Z EPD: CE: 10 \$API: 159 \$TI: 97



GPG Focus 135F By Mr CCF 20-20 EPD: CE: 6 \$API: 115 \$TI: 77



OBCC Kavanaugh F236 By OBCC Unfinished Business EPD: CE: 14 \$API: 144 \$TI: 81



WS Proclamation E202 By CCR Cowboy Cut 5048Z EPD: CE: 14 \$API: 166 \$TI: 104



JBSF Logic 5E By W/C Relentless 32C EPD: CE: 8 \$API: 116 \$TI: 74



RRF Trading Up E777 By Pays to Believe EPD: CE: 14 \$API: 133 \$TI: 77 EPD as of 11.5.2021



WHF/JS/CCS Double Up G365 By W/C Double Down EPD: CE: 15 \$API: 116 \$TI: 71



JSUL Something About Mary 8421 By W/C Relentless 32C EPD: CE: 12 \$API: 116 \$TI: 74



By TJ Teardrop EPD: CE: 16 \$API: 172 \$TI: 92



CDI Innovator 325D By TJ Main Event 503B EPD: CE: 12 \$API: 134 \$TI: 92



W/C Style 69E By Style 9303 EPD: CE: 17 \$API: 134 \$TI: 67



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Simmental Takes Hold in Tennessee

by Lilly Platts

The University of Tennessee offers seedstock producers and commercial cow-calf producers a valuable resource.



A past crowd at the annual UT Performance Tested Bull Sale.

The University of Tennessee's (UT) Performance Tested Bull Sale provides an avenue for the state's producers to sell seedstock, and for local commercial producers to source highperformance genetics. In recent years, the number of SimAngus bulls consigned to the UT Bull Development Program has increased significantly, and the competitive sale prices are proof that buyers are responding well to the breed. At the 2021 sale, 19 SimAngus bulls averaged \$4,095, with one almost topping the sale. Comparatively, 47 Angus bulls averaged \$3,980, and four Hereford bulls averaged \$3,450. No single breed is given preference in the program, but thanks to a group of driven, progressive seedstock producers, SimAngus is finding success in the program and throughout the state.

A Solid Foundation

Kevin Thompson has served as the Middle Tennessee AgResearch and Education Center director for 11 years. Throughout his education and early career, he was connected to the UT Bull Development Program. "When I graduated from the university with my master's degree I went to work as a research associate at the center that I am now the director of," Thompson explains. "I was the day-to-day manager of operations for the UT Bull Development Program for six years."

Thompson then worked for the Tennessee Farm Bureau Federation, where he was involved in purchasing bulls through the UT Bull Development Program through his work with producers. His career came full circle when he became the director of the Middle Tennessee AgResearch and Education Center 11 years ago.

Bulls consigned to the UT Bull Development Program are on test for just under three months, with an intense focus on performance and a strict culling protocol. Data is collected on each bull, including weight gain and carcass ultrasound, and close attention is paid to how each bull is holding up. Feet and leg quality and passing a breeding exam are priorities, and any bull that doesn't score adequately is removed from the program. Thompson explains, "Once they pass all of those criteria, and they have a good disposition, they are sold in January. The bulls have to jump through a lot of hoops, but we end up with a bulletproof product these commercial cow-calf producers can take home and expect nice calves from."

A Progressive Program

During his time as director, Thompson has seen the quality and number of SimAngus bulls consigned to the program increase significantly. He says, "There has been an increase in Simmental and SimAngus breeders, and the reason for that is there is a tremendous market for those bulls in our area from commercial cow-calf producers."

Thompson says that this increase is due to a shift in commercial programs throughout the state, and the overall improvement in Simmental genetics. "Commercial producers realize that from a marketability standpoint the breed is providing genetics that increase pounds gained while maintaining uniformity of color," Thompson explains. "There are a lot more solid red and solid black bulls, and they are able to use those to maintain a uniform color across their calf crop, and also increase the yield potential of their calves. They are also getting some heterosis back in their herd."

Simmental made an appearance at the UT Bull Development Program decades ago but the original red-and-white genetics never found popularity. Thompson explains that for most breeders in the area, issues with traits like birthweight and color outweighed the added weaning weight Simmental offered. However, as the breed improved and Sim-Angus gained popularity, the breed found its way back to the UT program. Thompson says that when he started as director almost all of the bulls consigned were Angus. Today, while Angus is still a large portion of the UT Bull Development Program, Simmental-influenced bulls make up around one-third. "With the



The number of SimAngus bulls consigned to the program has increased steadily over the last decade.



The Middle Tennessee AgResearch and Education Center is home to the UT Bull Development Program.

tremendous strides that ASA has made, with overall phenotype and genetic improvement, it's made it one of the most popular breeds in our area," Thompson says. "It maintains a package that has the power to grow, maternal characteristics and femininity, the ability to grade (because we are sending these cattle to the rail), and it's in a really uniform package that isn't changing the phenotype. They're still black-hided, but we're able to get more pounds on them."

Dr. Troy Rowan, assistant professor and extension specialist at UT, interfaces with producers throughout the year, frequently discussing the benefits of crossbreeding and heterosis. Adding breeds like Simmental to Angus-based herds is a common conversation. "The biggest thing that comes up in all of my extension work is trying to drive home this idea of crossbreeding and heterosis," Rowan says. "The other thing we've made a big emphasis on is how we shift from revenue-based traits to a more holistic picture of profitability. How we move to the bigger picture of keeping replacement heifers, and focusing on cow longevity and fertility, feet and legs, and structurally strong animals."

CONTINUED ON PAGE 16







1531J 5/8 SM 3/8 AN **\$API 161.6 \$TI 79.4** ASA 3893078 GW REMINGTON 914G son.



1224J PB SM **\$API 151.2 \$TI 85.9** ASA 3893315 J-J EAGLE ROCK 920G son.



1436J 3/4 SM 1/4 AN **\$API 141.3 \$TI 89** ASA 3893360 TJ GOLD 274G son.



1053J *PB SM* **\$API 164.9 \$TI 83.6** *ASA 3906454 HOOK`S FRONTLINE 40F son.*



J1079 *PB SM* **\$API 160.1 \$TI 96** *ASA 3951447 CAMP COWBOY WAY C515 son.*



J1100 PB SM \$API 159 \$TI 84.4 ASA 3951493 NLC GOSHAWK 37G son.

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1482J 1/2 SM 3/8 AN **\$API 150.9 \$TI 80.5** ASA 3892725 THR COWBOY 9455G son.



1539J 1/2 SM 1/2 AN **\$API 156.7 \$TI 88.7** ASA 3892795 IR CAPITALIST E041 son.



1570J 5/8 SM 3/8 AN **\$API 153.7 \$TI 85.8** ASA 3892845 THR MOUNTAIN TIME 8441F son.



1502J 1/2 SM 1/2 AN **\$API 142.6 \$TI 79.6** ASA 3892853 TJ FLAT IRON 259G son.



1451J 3/8 SM 5/8 AN **\$API 171.5 \$TI 98.8** ASA 3892913 HOOK`S EAGLE 6E son.



1542J 3/8 SM 5/8 AN **\$API 173.2 \$TI 99.2** ASA 3892921 HOOK`S EAGLE 6E son.



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Simmental Takes Hold in Tennessee

CONTINUED FROM PAGE 13

All of the bulls on test at UT are genomically tested. This additional data not only helps consignors gauge their genetics, but it is incentivized by the state through the Tennessee Agricultural Enhancement Program. Rowan explains that the program kicks money back to producers who purchase bulls meeting specific criteria, including genomic testing. If a purchased bull meets all of the criteria and has a genomic test, a producer can apply to receive a maximum \$1,800 "rebate" from the state program. Overall, the program is designed to incentivize investments that will help producers remain profitable long-term.

Power in Collaboration

According to the Tennessee Farm Bureau, the state had an inventory of close to one million beef cows and calves in 2021. Like many southern states, Tennessee's individual herds are typically small, and many producers hold jobs off the farm. This means that convenience traits are imperative, and because most producers only need one or two bulls to cover their cow herd it is important that those bulls work efficiently and have balanced traits.

While many herds are small, there are a number of highquality seedstock producers in the state. Marketing is one challenge of producing seedstock on a small scale, and the UT Bull Development Program offers a place for these breeders to develop and market bulls through a proven program. Thompson says, "It allows breeders who don't produce the volume of bulls to attract a large crowd of commercial cow-calf producers to their sale to participate in a larger program with a built-in reputation. Of the bulls that do pass the test — around 20% of the bulls consigned end up going home — their ability to make it from point A to point B puts them on a different level. Producers are able to participate in a program that is greater than they can be individually."



Thompson says that friendly competition drives these breeders. "What really stands out is they communicate and work together. There's a competition there, which breeds success and increases the whole. That's exactly why this group of producers and their participation in the UT Bull Development Program has taken them to another tier. The competition has built on itself and brought uniformity to the bulls they have consigned in performance, fertility, structural soundness, and overall correctness of phenotype. They take it seriously, study the AI catalogs, and do a good job," he explains.

A Program for Producers

Stanley Scott has been participating in the UT Bull Development Program for eight years, and has been a leader in improving the quality of SimAngus bulls in the sale. Scott has a long history with the Simmental breed, first when he farmed with his father. Over the years he has honed his own program to produce highquality, top-selling bulls. Scott has been extremely focused on utilizing AI to improve genetics, first learning how to AI when he was a teenager.

Scott first bred his Angus-based cows to Simmental bulls before the term SimAngus was coined, and since becoming involved in the UT Bull Development Program one of his goals has been to increase the success of the breed at the sale. This goal has become a reality, with his own bulls doing well and the number of SimAngus bulls in the sale increasing overall. Scott recalls, "I have topped the SimAngus sale six years in a row. The second year I had bulls there I tied for the highest-selling individual. The sixth year I had the highest-selling bull by a thousand dollars."

Overall, SimAngus breeders participating in the program have seen increased success, and Scott's trajectory is a great example of this. He explains that he focuses on breeding for a variety of genetics, catering to the broad base of commercial customers who come to the UT sale. "I spend hundreds of hours every year studying the bulls I'm going to breed to the next year," Scott says. "I breed for a variety of bulls, which broadens my sales base."

A bull Stanley Scott consigned to the UT Bull Development Program.

Scott, who is now retired, spent 40 years working as a lineman. During that time, he remained focused on improving his cow herd. Having worked off the farm while working to improve his cow herd, Scott knows first-hand how important it is to produce bulls that commercial producers can rely on. He says a focus on AI has allowed him to create a cow herd that consistently produces high-quality bulls. "I take a lot of pride in it, and I really put a lot of labor and work into AI'ing my cows," Scott explains.

Thompson says the overall spirit of competition, collaboration, and improvement have made the UT Bull Development Program a success. Each breed, animal, and producer is given a fair opportunity to succeed, and this level playing field also gives commercial bull buyers a place they can confidently source genetics. Thompson emphasizes that the program is not catered to any individual breeds or producers, but that the increased success of SimAngus

> Through an intense focus on Al breeding, Stanley Scott has improved his cow herd



cannot be ignored. "The Simmental breeders have just been extremely impressive," he says. "I have to be unbiased as a part of UT, but I do have to state that the genetic improvement these breeders have made over the years I've been involved has been extremely impressive. My experience spans all the way back to 1993, and it's been impressive to see these breeders grow, see the pride they have in what they do, and to see them gain the following of commercial cow-calf producers. It's fun to watch. Any time you see progress in the cattle industry it's fun to see."

Stanley Scott spends significant time studying which bulls will best fit each cow in his herd.



Stanley Scott has been involved with the Simmental breed for decades.

TERIANCIE J Ranch BULL POWER



MR SR HIGHLIFE G1609

3568376 PB SM Homozygous Black, Homozygous Polled SIRE: KBHR HIGH ROAD E283 DAM: MISS SR D1609 MGS: JBS BIG CASINO 336Y

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CE	BW	WW	YW	MCE	MILK	STAY	DOC	CW	YG	MARB	REA	API	TI
4.8	0.8	99.2	148.1	7.1	25.9	20.4	10.9	37.9	-0.52	0.17	1.10	157.5	94.7
0%	35%	2%	4%	25%	35%	10%	60%	20%	10%	40%	15%	10%	4%
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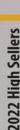
KBHR BOLD RULER H152

3789539 PB SM Homozygous Black, Homozygous Polled SIRE: WS PROCLAMATION E202 DAM: BAR CK MS X38 1062 MGS: WS HOT BEEF X38

Our choice out of the 2021 Keller Broken Heart sale. We are excited to see the first progeny and we expect Bold Ruler to be heifer safe and offer first class maternal traits.

CE	BW	WW	YW	MCE	MILK	STAY	DOC	CW	YG	MARB	REA	API	TI
15.1	-1.5	83.0	133.4	10.6	31.4	18.4	17.2	44.6	-0.27	0.85	0.79	189.4	104.6
10%	10%	30%	20%	2%	10%	30%	3%	10%	99 %	1%	75%	1%	1%
												F. martine	- Contraction of the local division of the l

Thank you to our customers for making our 2022 bull sale a success.





TJ GOLD STRIKE 506J ASA# 3909662 Purchased by Select Sires and Trauernicht Simmentals.

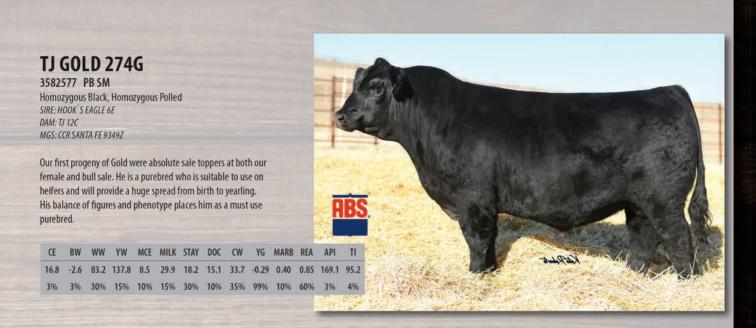


GENEX

TJ WAR PAINT 759J ASA# 3910125 Purchased by ABS Global, Trauernicht Simmentals and Iron Creek Cattle Company.



TJ ACE 560J ASA# 3909572 Purchased by Steve Harris and Shannon Welsh.





TJ CHIEF 460G

3611575 1/2 SM 1/2 AN Homozygous Black, Homozygous Polled SIRE: TJ FROSTY 318E DAM: TJ 52A MGS: TJ NEW TIME LINE 113X

Eye catching phenotype and added growth are the staples of the Chief progeny. The first Chief sons represented our high selling sire group in our 2022 sale and will continue to see mass use in our program.

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	BW	WW	YW	MCE	MILK	STAY	DOC	CW	YG	MARB	REA	API	TI
9	-1.1	86.4	131.3	4.4	28.9	23.3	15.8	34.6	-0.08	0.41	0.48	158.3	88.7
%	25%	15%	20%	90%	10%	1%	10%	40%	90%	35%	80%	10%	15%
100	-	-											

Look for updates for our Spring Turn-Out Sale in April 2022.



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Getting Back to the Simple Things

Evaluating the basic principles

by Chip Kemp, director, ASA & IGS Commercial and Industry Operations



Many have written endless articles on the varving pitfalls of our chosen profession. In the interest of full disclosure, I'm guilty of that exact thing. But, in

truth, we can boil it down to controlling those things we can control to set ourselves up to better navigate the challenges of those things we cannot control. Complex? Yes. But, at the same time it can often be elegantly simple as well.

The reality is, if I'm addicted to shiny metal and wheels this business gets hard. If I'm trying to build a profitable beef business while paying suburban property prices this business gets hard. In a commodity-based business model long term profits force to zero. What are you doing to buck that trend?

On the other hand, there are some easy and evident truths:

1) The "short-term cow" is a long-term problem. Lack of female longevity will cripple an operation. She can't make a fancy enough calf or a heavy enough calf to make that okay. Lack of cow "stayability" has become rampant, as many have forgotten the value of responsible crossbreeding as they chase terminal benefits without regard for a whole-enterprise profit picture. Maybe this isn't true at your ranch. However, I'd wager that if most of us did a thorough business analysis, we would find that we have built an unsustainable business trajectory by not being honest with ourselves about the maternal merit of our cow herd.

2) Certain truths are nearly never spoken about in our business. They are taboo. We know them to be true, but we live in a world where blue ribbons abound, and as such, everybody bites their lip and side-steps the truth. One such truth: some breeds struggle to provide the feedlot performance, or carcass merit, or consumer measurables that

of the beef business and profitability are presently demanded to get top dollar for feeder calves. Another truth: NO ONE BREED corners the market on all those traits. Additionally, responsibly crossed cattle prove to be the most consistently profitable cattle. I could compile numerous academic articles, papers, and research summaries. But, maybe it is more meaningful when we realize where the industry puts its dollars. In 2020, calves from Continental sires (SimAngus and Charolais) topped the large Superior Livestock Auction summer sales. Or, when one dissects the Tri-County Carcass Futurity data from Iowa, those same sire groups (Simmentalinfluenced and Charolais-influenced) generated terminal calves that garnered larger checks from the packer than any other sire group. To be clear, these two things are linked. When feedlots make more on responsibly crossed cattle, they tend to

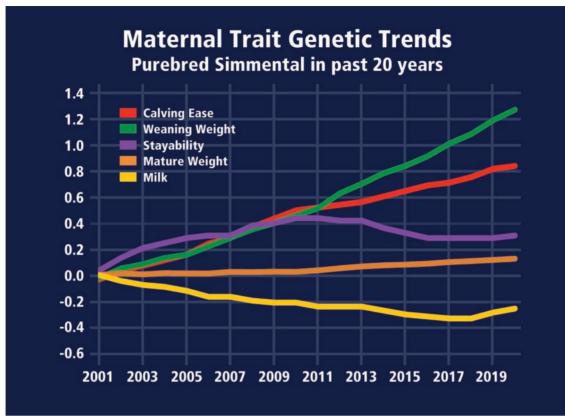
pay to get more of those calves into their yard.

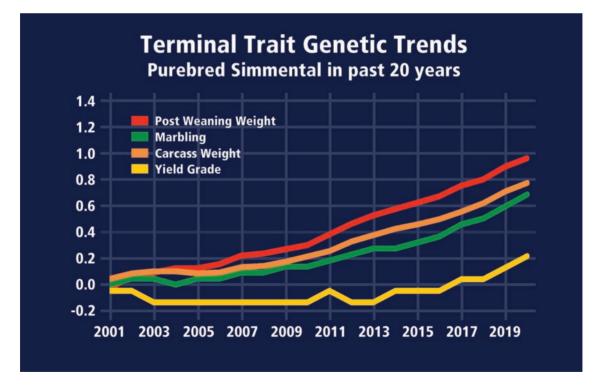
Simple business sense.

3) Neither #1 nor #2 happened by accident. It takes serious commitment to data collection, and credible and humble scientists to analyze the data. You can benefit from those efforts by demanding multi-breed EPD that allow you to directly compare bulls of different breed types. Additionally, demand a credible whole-life-cycle index and a reliable terminal index so that you have the appropriate tools to fit your management approach. Use the wholelife-cycle index if you are retaining daughters. If you purchase your females, put the terminal index to work. Indexes make the complex straightforward. 4) Ask your seedstock provider how they

can help you balance breed complementarity and heterosis to add female longevity in your environment and feeder calf value to your family's business. If your seedstock provider ignores these facts or denies the benefits of crossbreeding to your commercial program, then ask them to defend their position. If they can't suitably do that, then why are they your seedstock provider?

Simmental Genetic Trends





These Simmental genetic trends highlight a population with both maternal and terminal merit. Examining the Simmental genetic trends over the last 20 years, we see an increase in calving ease and stayability, while holding mature size and milk constant. On the terminal side, post weaning gain, carcass weight, and marbling are all trending up. The entire package of a genetic offering for both longevity, calving ease, growth, and carcass quality promises a unique set of traits to help the commercial cattle industry be successful.

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SPRINGCREEK Tesla GE

SPRINGCREEK MISTRESS 17B





EPD as of 2/11/2022

WW: 1110

BW

5.4

15.1 55.0

CE

4.1 DOC CW



YW: 1712

YW

158.6

MARB

ADG

0.35

BF

-..028

MCE

3.9

REA

0.97

31.1

SHR

-0.16

WW

102

YG

-0.27 0.28



SIRE: LFE MCDAVID 413C

- Tesla 6E is a perfect fit for most breeders. His mating to many popular bloodlines would be an absolute dream. His combination of muscle shape, rib, length and generations of maternal excellence make him an extremely rare individual. Take into account the fact that he is Homo Black, and he truly sets himself apart! He is the real deal performance bull that is built to work on all modern Simmental and Angus genetics . We predict him to be a high customer satisfaction sire!
- His progeny have surpassed all expectations in both the Springcreek and Rocky Meadow programs.. Rocky Meadow has Tesla daughters in production reporting udder quality and consistency in type is second to none. Tesla will leave you with females that stand the test of time!
- To date, there have been over 100 calves born in the U.S. Displaying very impressive type consistency from birth , Tesla combines thickness, length and eye appeal with very acceptable birth weights, averaging in the mid 80's! As weanlings, progeny weaned off at the top of the contemporary groups.

DAM: SPRINGCREEK MISTRESS 17B

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Cattle, Computers, and the Climate: How computer simulations can help create a sustainable beef industry

by Drew Lakamp, Walton Berry grant recipient

The environmental sustainability of beef production has become a topic of interest for today's consumer. According to the Environmental Protection Agency (EPA) the agriculture sector accounts for about 10% of the national greenhouse gas (GHG) emissions every year. Ruminant methane production alone accounts for about 3% of total GHG emissions. It's true that other sectors have larger GHG footprints (transportation at 29% and manufacturing at 23% of the national GHG emissions). Nonetheless, agriculture as a whole, and the beef industry in particular, has the potential to position itself at the forefront of sustainability.

Environmental Sustainability and Simulation

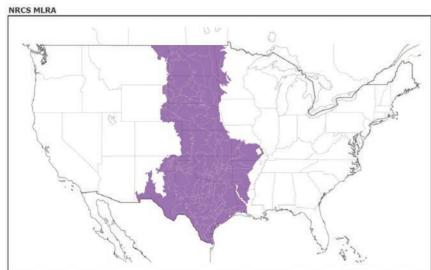
Before priorities can be established relative to the environmental impact of beef production, it is critical to know the current environmental impact of beef production. The first step is to define what environmental impact means. Generally, the environmental impact of beef is the use of natural resources (land, water, etc.) and the amount of GHGs produced in a calendar year, often expressed per unit of edible beef. However, calculating the actual environmental impact can be tricky because each cattle operation is unique. Further complicating matters is the fact that the environmental impact may change from year to year within a single cattle operation. For example, cattle drink more and consume more irrigated feedstuffs in hot, dry years than in cool, wet ones. One way to overcome both these issues and get an accurate estimate of beef's environmental impact is through simulation.

A simulation is essentially a computer program that uses mathematical models that describe how a system (like beef production) operates. In combination with real-world data, they can be used to make predictions or obtain estimates of production factors or inputs. They generate insight into outcomes of a complex system if a single variable changes, or the implications of a specific combination of several variables changing together. This flexibility is the reason researchers at Kansas State University chose to use a simulation to evaluate the land and water use of cow-calf operations in the Great Plains.

Quantifying the environmental impact of a region as large as the Great Plains was not a simple task. As any producer knows, different locations require different management. To account for variability, the Great Plains was divided into 74 regions with similar weather, forage availability, and cattle types. From there, the researchers used publicly available information to paint a general

picture of what a cow-calf operation might look like in each area, with the goal of establishing starting parameters to reasonably approximate diversity. For example, the herds simulated in western Texas were allocated roughly 35-40 acres per pair to graze and were supplemented prairie hay, whereas 7–9 acres per pair and brome/alfalfa hay supplementation was modeled for herds in eastern South Dakota. This real-world information was provided to the simulation which then predicted land and water use of each area. Three of these areas are detailed in Table 1. Note, this was not to compare the environmental impact of different regions to each other, but to illustrate the diversity seen within the Great Plains.

CONTINUED ON PAGE 28



The 74 regions in the Great Plains that were simulated (Adapted from ArcGIS Online, 2021

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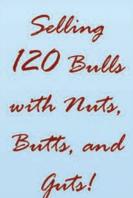
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	CE 10 70	BW 2.2 65	WW 84 25	YW 122 35	MCE 5.2 60	MM 30 15	MWW 72 15	STAY 16 55	CW 38 20	YG 60 1	Marb .01 <i>80</i>	BF 134 1	REA 1.21 4 *EPD	API 125 60	TI 80 40 11/2022			
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Cattle, Computers, and the Climate: How computer simulations can help create a sustainable beef industry

CONTINUED FROM PAGE 24

Table 1:

Natural resources required and methane produced by the average mature cow in various regions of the Great Plains.

Region	Mature weight (lbs.)	Drinking water (gal./yr.)	Irrigation water (gal./yr.)	Grazing (acres/pair/yr.)	Crop land to grow feed (acres/pair/yr.)	Methane produced (lbs./yr.)
Eastern Kansas	1,183	4,240	112,667	6	2	187
Western North Dakota	a 1,322	4,119	183,908	17	2	196
Central Texas	1,113	4,353	26,699	39	1	209

Resource Use Mitigation

Once the current environmental impact of the beef industry was estimated, the next step was to see how the environmental impact changed as other variables in the production system were altered. One of these variables was mature cow weight. The researchers altered cow weight by adding or subtracting either one standard deviation or 100 pounds from the average cow weight. Table 2 shows how the environmental impact changed as mature weight changed. As could be guessed, heavier cattle have a larger environmental footprint than lighter ones.

Table 2:

The natural resources required and methane produced by mature cows one standard deviation heavier and lighter than average in various regions of the Great Plains.

Region	Mature weight (lbs.)	Drinking water (gal./yr.)	Irrigation water (gal./yr.)	Grazing (acres/pair/yr.)	Crop land to grow feed (acres/pair/yr.)	Methane produced (lbs./yr.)
Eastern Kansas	1,284	4,421	117,635	7	2	220
	1,083	4,060	107,863	5	2	200
Western North Dakota	1,400	4,329	190,837	18	2	233
	1,166	3,908	178,229	15	2	207
Central Texas	1,213	4,534	27,950	42	1	247
	1,013	4,173	25,628	35	1	222

Other variables considered were lactation potential (high- or low-milking) and supplemental starch base (corn or sorghum). A few interesting finds resulted from the study. For instance, light, high-milking cows required the most supplemental feed. This was likely because the simulation only allowed the cattle to consume roughly 3% of their body weight in feed per day and the only way the small, high-milking cows could get enough energy and stay under the consumption limit was through an energy-dense supplement ration. Nonetheless, the lighter, high-milking animals were also some of the most efficient, requiring the fewest resources per pound of weaned calf. Also, corn-based rations required less water overall than sorghumbased ones. The higher yield and energy density of corn required less land, which meant less irrigation overall compared to the less-water-intensive sorghum.

Drawbacks and Challenges

A simulation is only as good as the data that goes into it. For the Kansas State simulation, a lot of data describing forage quality and rations were approximations. More specific information about what kinds of forages are commonly grazed or the formalizations of rations delivered to grazing cattle in different areas would have helped make the simulation results more accurate. For example, in the tables above, the irrigation requirement for central Texas is much lower than the irrigation requirement for the other two areas. This is partially because cattle in that region were found to be lighter and therefore required less feed overall; however, the primary reason is the researchers assumed the diet delivered to cattle in that area consisted mostly of non-irrigated prairie hay and dry distillers grain (a feedstuff that puts most of its water footprint on the ethanol industry). If the researchers assumed the hay was irrigated or other crops were fed, those irrigation numbers would be radically different.

In addition, simulations are constructed around specific assumptions. For example, the simulation used by Kansas State was based on the amount of grazing land needed for 100 cattle. However, it could have used a specified land area — say, 100 acres and evaluated the carrying capacity of the land in terms of a smaller herd of large cows versus a larger herd of smaller cattle.

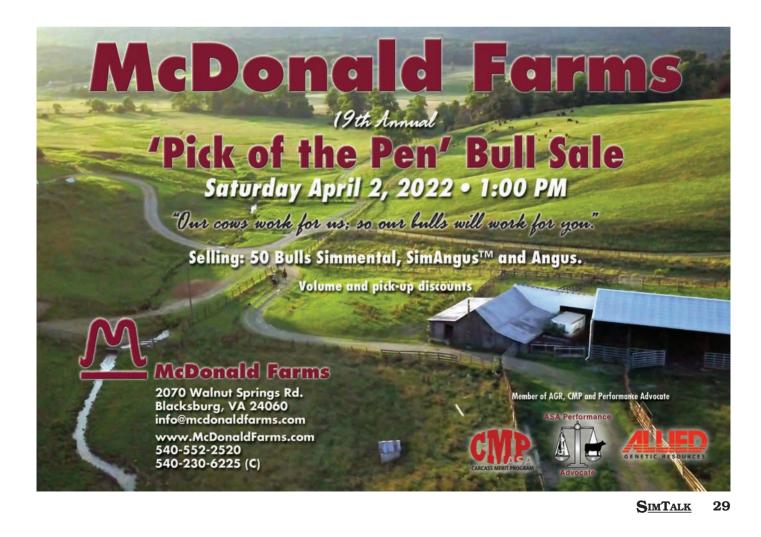
Conclusion

Computer simulations of cattle operations can be used to investigate beef sustainability in two major ways. First, simulations can give a reasonably accurate accounting of the natural resources and GHGs emitted by the beef industry. Second, simulations can be used to determine how the beef industry can become more sustainable by testing several options for mitigating environmental or economic impact, and identifying the most effective option. By leveraging the power of simulation, the beef industry has the opportunity to continue the tradition of responding to new consumer demands and being leaders in agricultural sustainability.

About the Author

Drew Lakamp recently obtained his master's degree in animal breeding and genetics from Kansas State University and was advised by Dr. Megan Rolf. Drew is now a PhD student in animal breeding and genetics at University of Nebraska–Lincoln. In the summer of 2020, Drew attended the Summer Institute of Statistical Genetics using the ASA Walton Berry Grant funds, and also utilized these funds to purchase books and other supplies required by the breeding and genetics group for their research efforts.

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H4E PB SM Hatmaker LLSF Vantage Point X WS Miss Sugar C4 Homo Polled | Hetero Black 17 -3.8 70 104 9 32 67 API 174 TI 95



CCR Wide Range X WHF Andie 365A Homo Polled | Homo Black 11 1.8 84 123 6 20 61 API 121 TI 74



Polled | Black 10 2.4 81 115 5 21 61 API 124 TI 82



FBFS Warsaw X SS Emberly E303 Polled | Black 13 1 78 107 9 26 65 API 111 TI 68



EGL Firesteel X TJ Ms 38W Homo Polled | Homo Black 20 -2.4 67 106 9 40 73 API 169 TI 88



LLSF Vantage Point x WHF Andie 365A Hetero Blk | Homo Polled 9 4.4 91 136 4 29 75 API 130 TI 86

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W/C Executive Order X Ms CCF Jestress B79

Homo Polled | Hetero Black

16 -1.1 77 120 7 20 58 API 126 TI 78

H79B | 5/8 SM 3/8 AN



OBCC CMFM Deplorabull X HPF Cream Soda Polled | Black 12 0.6 74 112 5 23 60 API 121 TI 74



GEFF County O X Tylertown Elegance Polled | Black 9 1.1 76 118 5 21 59 API 128 TI 76



WS Proclamation X DAF Blackbird C364 Homo Polled | Homo Black 13 0.4 81 115 8 28 69 API 149 TI 87



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IMF 4.3	8 (128) // REA	17.48 (123) // SC 41 CM	
			-

CE	BW	WW	YW	MM	MB	REA	API	TI
11	3.4	93	145	25	.06	1.09	138	84

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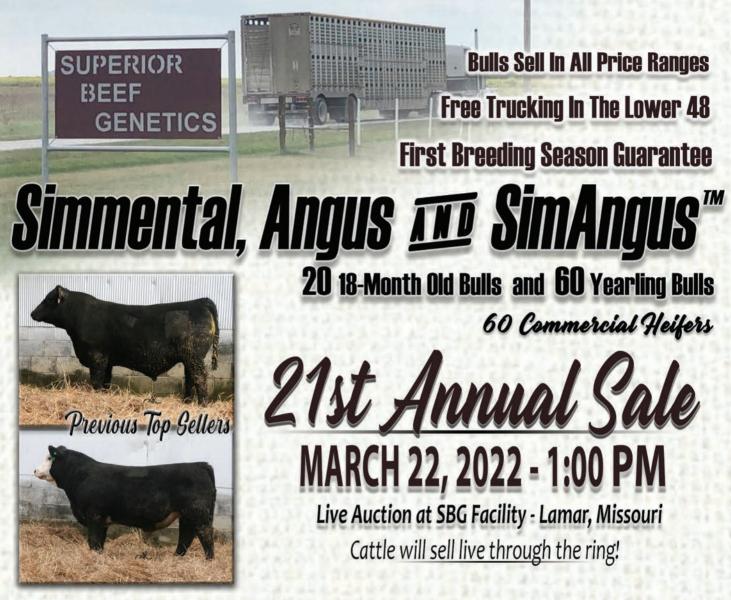
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Carcass Weight	First	First
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Weight Gain Feed Efficiency	First	Second
Weaning Weight	Second	First
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Across-Breed EPD Table, GPE Rep. 22, MARC, USDA * Major Continental Breeds — Simmental, Gelbvieh, Limousin, Charolais

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- MARC GPE Progress Report No. 22, USDA



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CE	BW	WW	YW	MCE	MM	MWW	STAY	CW	YG	Marb	BF	REA	API	TI
13	2.3	109	173	6.6	25	80	13	58	50	.23	107	1.36	147	101
25	65	1	1	35	35	2	85	1	15	25	20	1	20	1
1	1	12.27	See	1.00	1200	1000						*EPD	as of 2/	11/202

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Tips for Managing Free-Choice Mineral Intake

by Mary Drewnoski, University of Nebraska-Lincoln

Free-choice mineral mixes are commonly used to provide the mineral that grazing cattle need. However, ensuring that cattle are getting enough mineral without overconsuming can be a struggle. Being on either side of the spectrum can be costly either in reduced performance due to deficiency or in increased feed cost due to overconsumption. An extra 1 oz per cow per day can cost \$4 to \$8 per cow per year. If your mineral mix is designed to meet the cows' needs at 4 oz per day, intake above this only adds unnecessary cost.

In most situations, cattle intake of free-choice mineral is driven by their desire for salt, although there may be other ingredients that are added to improve intake such as molasses or even distillers. Cattle do not have nutritional wisdom and do not vary their intake of mineral based on their need for minerals in the mix. Because salt is usually one of the key drivers of intake, you will observe variation in intake throughout the year as the cows' desire for salt changes. Therefore, salt can be used as a tool to control intake.

In most situations, adding some salt to a mineral mix will cause cattle to eat it. This, along with the fact that forage is deficient in sodium, is why all free-choice minerals have salt in them. You may also notice that mixes with smaller target intakes usually have more salt than those with greater target intakes, i.e., 2-oz vs. 4-oz targets. As you start increasing the salt, you can cause them to start decreasing their intake because they get their salt "fix" with less intake. So, if cattle are eating above your target intake, mixing in more salt at home can help reduce intake of the mix.

Relatively speaking, salt is cheap and can be a very cost-effective way to manage mineral intake.

If you do add extra salt at home, do not include this salt in your calculation for reaching the target intake of the mineral mix, as it is diluting the mix. The goal is to make sure cows reach the target intake of actual mineral. For instance, if the target is 4 oz per head (0.25 lb per head) of a mineral mix, then for 100 cows you are looking for them to consume 25 lbs of the mineral mix per day, or half of a 50-pound bag. If you add 10 pounds of salt to a 50pound bag of mineral, you actually want them to consume 30 pounds total per day to get their target intake of the actual mineral mix. The easy way to ensure you are reaching your goal is to track the amount of mineral mix you feed separate from the amount of salt you add. It is still a good idea to

42 SIMTALK

record the amount of salt that is being added so that the amount can be adjusted based on intake (i.e., increase if still eating too much or decrease the added salt if not reaching the target intake).

While providing salt separately can reduce mineral intake, it can lead to more variability in intake of mineral among the herd. Some cows may be eating the mix while others may only be consuming salt. Thus, you may not be meeting your objective even if the "right" amount of mix is disappearing. Also, you may find that on the whole, the herd is over- or under-consuming the mix. Providing the salt separately cancels your ability to use one of your best tools in controlling intake.

If weatherization is important, try adjusting location of the feeder first. Word of caution, if you are paying for a mineral mix that has weatherization because your feeder does not protect the mix from the rain/wind and you add additional salt, you can reduce the effectiveness of the weatherization. So, depending on the type of feeder and the amount of protection from weather it provides, you may want to first try moving the location of the feeders to help control intake. Moving feeders closer to water or loafing areas can increase intake. Moving them away from these areas can often reduce intake.

You might wonder if you can limit intake by putting out the amount you want the cows to eat and not fill feeders again until the prescribed time. For instance, one could just put out a week's worth of mineral mix and not fill the feeder again until the next week, regardless of whether all the mineral mix disappeared in the first day or two. It is true that for some minerals cattle do not need a constant intake, as they can store some of them in their body and use them at a later time. However, this is not true for the macrominerals like phosphorus and magnesium. But an even bigger problem with this system is that the boss cows are likely to be the ones getting most of the mineral. This means that some of your herd will be consuming more than they need while others are getting less than they need. When you put out mineral after they have not had access for a period of time, they will often overconsume and the boss cows are going to be the ones that get the first shot. Using this method to control intake may not result in the best outcomes.

We have all been there: we put out mineral and a week later we check and it is empty. Again, salt is your friend. If the cows eat the mineral too quickly and you come back to find an empty mineral feeder, put out some straight salt for a day to ensure everyone has met their salt craving. This will help to reduce them gorging on mineral when

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you put it out. It will also help you get a better handle on their normal craving for salt and better hone in on how much to add to the mix because they will not be bingeing. Make sure to take away the straight salt when you provide them with the mineral mix the next day. If the feeder was empty because they over-consumed, then consider either moving the location and/or adding more salt to get intake more in line with the target.

One last thing to consider is whether you have enough feeders. A good rule of thumb is one feeder per 30 cows. This will help make sure that more timid cows have the opportunity to get access. This is especially important for larger pastures/rangeland as cows tend to move as a group. This means they are often in the area with the feeders all at the same time. If there is limited accessibility, the more timid cows likely will not get their dose.

One-Third of US Food Not Eaten

According to a report from the US Environmental Protection Association, more than one-third of the food produced in the United States is never eaten, wasting the resources used to produce it, and generating annual greenhouse gas emissions equal to 42 coal-fired power plants. The US has not yet made significant progress toward its goal, announced in 2015, to cut in half its food loss and waste by 2030. The EPA said it prepared the report, titled "From Farm to Kitchen: The Environmental Impacts of US Food Waste" to inform policymakers, researchers, and the public of the environmental footprints of food loss and waste, and the benefits that can be achieved by reducing that waste.

Food is the most common material in US landfills, comprising 24% of municipal solid waste, and most common material incinerated (24%), the EPA report stated. Globally, uneaten food represents 8% of greenhouse gas emissions. Addressing food waste presents opportunities to increase food security, foster productivity and economic efficiency, promote resource and energy conservation, address climate change, and help feed the world's growing population. Decreasing food waste also can lessen the need for new food production, shrinking deforestation, biodiversity loss, greenhouse gas emissions, water pollution, and water scarcity.

CONTINUED ON PAGE 46





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The waste of resources each year from uneaten food encompasses 140 million acres of agricultural land — an area the size of California and New York combined; water equal to that used by 50 million American homes on an annual basis; 778 million pounds of pesticides; 14 billion pounds of fertilizer; 664 billion kilowatt hours of energy; and 170 million metric tons of carbon dioxide equivalent GHG emissions, excluding landfill emissions.

Winter Supplementation of Beef Calves: When Supplementation Doesn't Pay

by Karla H. Wilke, Bovine Veterinarian

Spring-born calves are often weaned in the fall, supplemented through the winter at a low rate of gain, and then graze summer grass, taking advantage of compensatory gain until feedlot entry. Many producers assume providing minimal protein supplementation to target approximately 1.0 pound/ day gain during the winter is the most economical system. However, research data would suggest this assumption is not the most economical management system.

A study evaluating feeding 450-pound steers 0, 1.1, 2.3, or 3.4 pounds of dried distillers grains (DDGS)/d (dry matter basis) while the calves grazed dormant native range reported a linear gain response of 0.60, 1.06, 1.41, and 1.72 pounds/day, respectively. However, when the calves were subsequently allowed to graze high-quality growing forage, the calves that were not supplemented on dormant range experienced compensatory gain and had a similar ending body weight to the calves supplemented with 1.1 pound of DDGS (625 pounds for both treatments). Those non-supplemented calves compensated 100% compared to the low supplementation level. However, they only compensated 38% and 46% compared with the two higher levels of supplementation, and those calves maintained a weight advantage of 653 and 656 pounds, respectively. Therefore, the producer who spent money to achieve only 1 pound/day gain on dormant range lost money after grazing better quality forage because those calves weighed the same as the group that did not incur supplement expense.

Supplement expense was optimal when calves were supplemented with 2.3 pounds of DDGS targeting 1.5 pounds/d gain (regardless if DDGS was CONTINUED ON PAGE 48

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1/2 SM 1/2 AN \$API 146.5 \$TI 84.8 BSUM RANGE MAKER 908G son.

128J ASA 3916355



1/2 SM 1/2 AN \$API 134.9 \$TI 90.6 BSUM RANGE MAKER 908G son.



T.W. E.L.

5/8 SM 3/8 AN \$API 160.1 \$TI 95 NLC COW BOSS 160C son.



5/8 SM 3/8 AN \$API 156.4 \$TI 90.5 TUEL COWMAKER A3032 son.



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priced high or low) if calves were kept through a high-quality forage grazing phase. If calves were sold after winter grazing, supplementing with 3.4 pounds of DDGS resulted in the best economic analysis.

In a meta-analysis of six studies, 500-pound calves were supplemented to target a winter rate of gain of 0.5 or 1.5 pounds/d. After summer grazing, the calves supplemented to target the low rate of winter gain only compensated 37% (weighing 768 pounds), resulting in the calves targeted for a higher winter rate of gain being heavier at feedlot entry (weighing 840 pounds). Subsequently, the calves targeted for high gain in the winter were heavier at harvest (1,307 pounds vs. 1,230 pounds), successfully maintaining that weight advantage through all three phases of production. The economic analysis determined that the most profitable steers were the ones gaining 1.5 pounds/d on dormant winter range regardless of whether DDGS was priced low or high.

These study results suggest that targeting winter gain of 1.5 pounds/day is most likely to result in added body weight that is maintained throughout subsequent phases, including summer grazing and feedlot finishing, and can be an economical practice. More importantly, these data suggest that spending money to supplement cattle at a low rate of gain and having that weight advantage lost in subsequent phases is costly to producers.

Improving Climate Research

Six research projects totaling \$9 million are being funded by the US Department of Agriculture, designed to work toward net-zero emissions in agriculture, and for helping communities adapt to climate change. Six university research teams are partnering with the Cooperative Extension Service and the USDA Climate Hubs to share climate-smart solutions with the agriculture community. This investment is part of the Agriculture and Food Research Initiative (AFRI) grants program for agricultural sciences. AFRI was established by Congress and reauthorized in the 2018 Farm Bill.

The six projects, each funded at \$1.5 million, are as follows:

• The University of California–Davis will develop stakeholder needs assessments, climatesmart agriculture training for technical service providers, regional workshops for farmers and *CONTINUED ON PAGE 50*

70% Reduction in Foundation Animal Registration Fees for Fiscal Year 2022

> American Simmental Association www.simmental.org

Starting in July 2021, the ASA will reduce the female-based foundation registration rate of \$17.00 to \$5.00 for the 2022 fiscal year July 1, 2021, to June 30, 2022). The promotional rate applies to any female cow that is registered with another recognized breed association.

Walton – Berry Graduate Student Support Grant

Purpose:

To aid in the professional development, success, and experiences of young animal scientists at the regional and national level, by providing support for graduate study. The recipient shall mentor a Masters or Ph.D. student in Animal Science. The recipient mentor and student shall provide a report for publication in both *SimTalk* and *the Register*.

The Committee requests that faculty mentors apply for the grant to assist in planning and conducting research, as well as graduate student recruitment and travel. The Committee will award funds to the top two qualifying programs: \$5,000 to the top pick and \$3,000 to the second choice.

This grant is available to all agriculture disciplines; however, focus will be on the genetic improvement of livestock. Entry Deadline: April 15, with announcement by May 15.

To apply for this award:

Faculty members must submit an application explaining the particular area of study and how these funds will be used. The application will include a description of the research, along with supporting documentation from the Department Administration.

> This grant will be made payable as a gift to the research account of the selected faculty member.



Walton-Berry Graduate Student Support Grant

Applications may be submitted electronically or in hard copy to the American Simmental Association One Genetics Way Bozeman, MT 59718 or simmental@simmgene.com

Entry Deadline: April 15

ranchers, and student education with Extension service-learning opportunities.

- Pennsylvania State University will create an education program to help private forests adapt to and mitigate climate change, prepare minority owners to take advantage of carbon market opportunities, and prepare the forestry Extension workforce to better serve clients in forest carbon and climate issues.
- Montana State University will develop improved educational materials, modes of communication, and issue expertise that will help farmers and ranchers to better assess the sources of past crop and livestock production losses due to weather and climate disruption, as well as explore future projections for these causes of loss.
- Ohio State University will work to increase Midwest adoption of regionally scalable climate-smart activities. The project will improve shared understanding of needs of the Midwest's diverse stakeholders, develop shared roadmaps for livestock and cropping systems, elevate perspectives and voices of historically underserved communities, and strengthen climate science infrastructure.

- The Desert Research Institute Native Climate project team, based in Reno, Nevada, will strengthen the role of USDA Climate Hubs in enhancing Native agroecosystem resilience through expansion of climate services and outreach in the Southwest and Northern Plains Hub regions.
- The USDA Caribbean Climate Hub is partnering with minority-serving universities, including the University of Puerto Rico and the University of the Virgin Islands Extension, and nonprofits to develop education and Extension programs aimed at increasing climate literacy and helping land managers to employ climate-smart agriculture and forestry techniques.

The Importance of Colostrum

by Mark Z Johnson, Bovine Veterinarian

Being ready and prepared before the start of calving season can make life much easier for cowcalf producers, and potentially save a calf. By the time calving season starts, you need everything on hand that might be necessary, and all equipment and facilities in working order. Operators need CONTINUED ON PAGE 52

Mason, Macoy, McKellen, Morgan

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several doses of colostrum or colostrum replacer on inventory before the start of spring calving season.

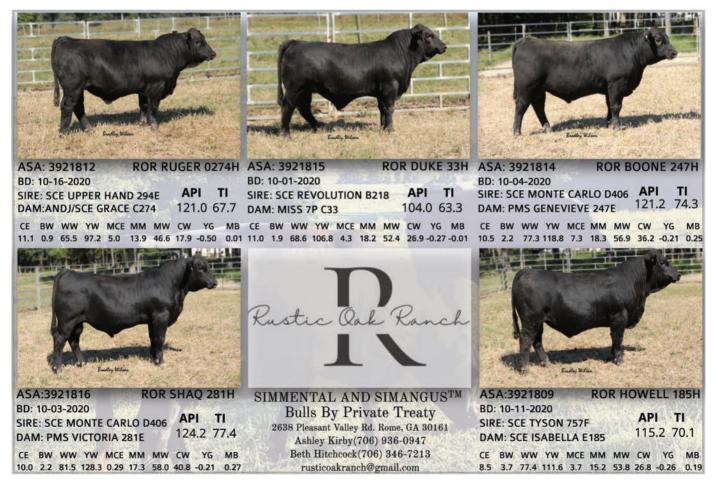
Adequate colostrum intake is extremely crucial for newborn calves in order to gain passive immunity. Calves born after a prolonged delivery through the pelvic canal can suffer from severe respiratory acidosis. Such calves are less efficient at absorbing colostral immunoglobulins or antibodies even if artificially fed colostrum. The only disease protection baby calves will receive is from the passive transfer of antibodies from the colostrum they ingest. Colostrum also contains transferrin and lactoferrin, which bind iron and restrict bacterial growth. These factors, together with immunoglobulins, help limit growth of bacteria in the gut.

Colostrum or colostrum replacer will need to be administered by bottle suckling or tube feeding within a few hours of birth for maximal absorption of immunoglobulins. The general rule of thumb is the sooner colostrum is ingested, the better, and calves will typically stand, walk, and nurse within one hour after birth. Bottom line: if there is any question of whether a calf has received adequate colostrum, then colostrum should be administered immediately to the newborn. Calves that miss getting timely colostrum ingestion are much more likely to suffer from calf scours, which can have lifelong effects on general hardiness and disease resistance.

Previously obtained colostrum must be kept frozen to protect the integrity of the large protein molecules that make up the various immunoglobulins. Fresh colostrum can be stored in one-quart doses by putting that much in a gallon-size Ziploc bag. Lay the bags flat to freeze in the freezer. When the time comes to thaw the colostrum and feed it to the newborn calf, the best practice is to thaw it in a warm water bath at 122 degrees Fahrenheit for one hour. Avoid thawing at room temperature or in a microwave oven.

The amount of immunoglobulin ingested is a major factor in final blood immunoglobulin concentration and disease protection. A practical rule-of-thumb is to feed 5% to 6% of the calf's body weight within the first six hours and repeat the feeding when the calf is about 12 hours old. For an 80-pound calf, this will equate to about two quarts of colostrum per feeding.

Commercial colostrum replacers contain more than 100 grams of immunoglobulin per dose. Always read the label before purchasing. It is important not to confuse supplements and replacers. CONTINUED ON PAGE 54





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Supplements are used to boost antibody protection a calf gets from nursing and contain just 40 to 60 grams of immunoglobulins, which is not enough to provide protection in a calf that has not nursed.

Plan to Implement Competition

The US Department of Agriculture and Department of Justice announced a plan of "shared commitment to effectively enforcing federal competition laws which protect farmers, ranchers, and other agricultural producers and growers from unfair and anticompetitive practices, including the antitrust laws and the Packers and Stockyards Act," the agencies said in a joint press release. Secretary of Agriculture Tom Vilsack and Attorney General Merrick Garland announced the "statement of principles and commitment" at a recent joint meeting at the White House. At that meeting, President Joe Biden discussed \$1 billion in federal investment to benefit small processors. The administration is seeking to overcome what the administration and Congress have identified as an anti-competitive level of consolidation among meat processors by helping numerous smaller processors to build profitable operations.

The agencies outlined the following objectives: Farmers, ranchers, and other producers and growers deserve the benefits of free and fair competition. The Justice Department and USDA therefore are prioritizing matters impacting competition in agriculture. The agencies will jointly develop a centralized, accessible process for ranchers, farmers, and other producers and growers to submit complaints about potential violations of the antitrust laws and the Packers and Stockyards Act. The agencies will protect the confidentiality of the complainant to the fullest extent possible under the law, and also commit to supporting relevant whistleblower protections.

The agencies will work together to promote effective information sharing and case cooperation. Both agencies commit to vigorously enforce the laws that protect farmers, ranchers, and other producers and growers from unfair, deceptive, discriminatory, and anticompetitive practices. As appropriate, USDA will make reports or refer potential violations of the Packers and Stockyards Act to the Justice Department to better enable its antitrust division to pursue chosen competition-relative cases and to allow the agencies to collaborate on issues of mutual interest. **CONTINUED ON PAGE 56**

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Background photo courtesy of Kendra Davis



		EPD	%
	CED	7	45
ż	BW	1.6	60
f	ww	76	10
	YW	125	20
	Marb	0.50	60
	RE	0.87	15
202	\$W	75	20
	\$B	150	30
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Consumers Willing to Pay More for Red Meat

Demonstrating the elasticity of pricing in the meat sector, Kansas State University's most recent Meat Demand Monitor logged an increase in consumers' willingness to pay for beef and pork products, even as the Consumer Price Index for meat rose 14.8% in December, compared with the same month in 2020.

For December, consumers indicated they were willing to pay more for a variety of conventional meat products, including ribeye steak, ground beef, pork chop, bacon, and chicken breast. Measured by willingness to pay in December vs. the month earlier, chicken breast was the retail product that logged the largest increase in willingness to pay, at 5.4% increase in December over November levels.

Retail beef market share increased to 32% in December from 31% in November. Retail pork market share increased to 23% from 21% in November.

In foodservice, only pork categories — chops and ribs — logged slight increases in consumers' willingness to pay. The restaurant market share for beef dropped to 39% from 41%, while restaurant pork market share increased to 16% from 15%.

Annual Cow Costs: The Big Three

by Aaron Berger, University of Nebraska-Lincoln

When looking at annual cow costs and doing an economic analysis, three categories tend to make up the largest percentage of total costs: feed, labor/equipment, and cow depreciation. Other expenses occur, such as breeding expenses and veterinary costs, but they tend to be significantly less than the "Big Three." To conduct an economic analysis, break the ranch into enterprises to understand where value is being created and costs are occurring. Land ownership, hay production, cowcalf, and replacement heifer development are four of the major enterprises on many ranches.

Feed

When including both grazed feed and harvested feed, 40–70% of annual cow costs fall into this category. If the ranch is owned, the cash cost for feed may be less; however, when conducting an economic analysis, grazed and harvested feed from owned land should be valued at market price. In other words, the cow-calf enterprise is asked to pay fair market value for the grass that is grazed and the hay that is fed. If the land is owned, the market value of the grass is a return to land ownership. *CONTINUED ON PAGE 58*



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The same goes for hay raised on the ranch. What is the market value for the same quality of hay if you were to sell it off the ranch? The cow-calf enterprise should be asked to pay that value to the hav enterprise. If the market value of the grass that cows graze or the hay they are fed is not being accurately accounted for, then the cow-calf enterprise may be being subsidized by other enterprises on the ranch.

Labor/Equipment

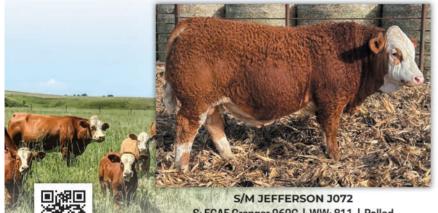
When categorizing costs to the cow herd, labor and equipment can be lumped together as a category because they often go handin-hand. Equipment is often purchased to reduce labor and labor is

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needed to operate equipment. These two things together are also often identified as a fixed or an overhead cost. Overhead costs are expenses that don't change very much based on the number of cows in the herd. For example, if a rancher has 200 cows and leases a neighbor's place and is now able to run an additional 100 cows, they probably are not going to buy another pickup, trailer, tractor, or ATV just because they added another 100 cows. The equipment they had to care for 200 cows is likely adequate to care for 300 cows. Overhead costs related to labor/ equipment tend to be the second-largest expense for the cow herd after feed. When a rancher is serious about trying to address annual cow costs, overhead expenses per cow unit is an area where there is often opportunity to improve. Increasing the number of cows per person/equipment or aggressively finding ways to reduce the labor/equipment needed to care for cows are two ways to address this expense.

Cow Depreciation

Cow depreciation is an economic cost that is often overlooked on many ranches. The costs associated with getting a bred heifer into the cow herd are often hidden because many ranchers raise their own replacement heifers. In an economic analysis, the heifer calf's market value at weaning is identified and then all additional costs from weaning until she enters the herd as a bred female are accounted for. A market value is placed on the heifer at weaning because that was value generated by the cow-calf enterprise. A market value is also placed on the bred heifer at the time she enters the cow herd because that value minus her weaning value was value generated from the replacement heifer development

6



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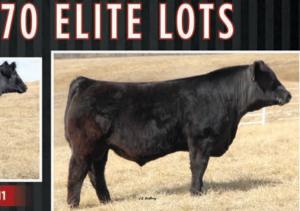


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enterprise. The heifer calf could have been sold at weaning or she could have been sold after being developed as a bred heifer. Knowing the economic cost of developing a replacement heifer can give insight into understanding where value is being created and where costs are occurring on the ranch. If the market value of a bred replacement heifer is less than what it costs the ranch to develop her, buying replacements may be a better option.

Cow depreciation expenses can be addressed in three ways for a cow-calf enterprise:

- 1. Reduce the cost to get a cow into the herd.
- 2. Create and capture more value from a cow when she leaves the herd.
- 3. Find ways to increase the number of years that a cow is productive in the herd.

For many ranchers, creatively finding ways to reduce or even eliminate cow depreciation can be a significant way to reduce annual cow costs. An abbreviated way to calculate the cost of depreciation to a cow herd inventory that basically remains constant is to annually compare the market price of bred females entering the herd to the revenue being generated by cows leaving the herd. Don't forget to include death loss when counting the cows that leave the herd! If bred heifers have a market value of \$1,500 and cull cows leaving the herd have a value of \$700, this is \$800 of depreciation. If a cow is in the herd for an average of four years, this is a cost of \$200/year for cow depreciation.

Now is a great time to evaluate all of the costs associated with the cow-calf enterprise. In particular take a look at the "Big Three" of feed, labor/equipment, and cow depreciation. Consider where there are opportunities to make changes that could improve profitability in the upcoming year and develop a plan to implement them.

Calf Hernia Repair in the Field

by Rhonda Brooks, Bovine Veterinarian

Hernias in young calves can often be addressed surgically in the field. But before taking that step, Amanda Hartnack says it's important to evaluate whether the case you face is one you can correct with lasting success.

In simple terms, "you need to know when to cut and when to run," says Hartnack, DVM, MS, DACVS, who spoke on the topic at the 2020 American Association of Bovine Practitioners annual conference. CONTINUED ON PAGE 62

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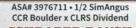


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If you opt for surgery, you want to do it while the problem is new and the calf is young. The reason for that is straightforward.

"When you fix hernias in a young calf, there's not a lot of weight on the abdomen from the rumen and intestines," Hartnack explains. "So, you won't have as much tension on your incision; your incision is going to hold a little better, and you're going to end up, generally, with a better outcome."

The opposite is true as well. Larger animals tend to have larger hernias, which are more challenging to address, especially outside the clinic or hospital.

Here are four additional considerations before you opt for surgery in the field: 1. Maybe it's obvious, but take the time to do a thorough physical exam. At first glance, some abnormalities look like simple hernias but are instead something more complicated to address, such as a Richter's hernia or an abomasal fistula. 2. Determine whether the hernia is non-reducible. Aubrey N. Baird, DVM, DACVS, Purdue University, says classically, simple hernias either contain small intestine (enterocele) or omentum (epiplocele) that is easily replaced in the abdominal cavity by depressing the hernia sac. The contents slide with little to no resistance from the hernia sac into the abdomen. When one releases the sac, the contents return readily. He adds that it is important to note the size of the body wall when the hernia is reduced. 3. Evaluate whether infected umbilical structures are present. If so, in these scenarios, the hernia often requires more intensive surgery than what you may be able to accomplish in the field. "You might also end up in a situation where you need to do more than your field anesthesia allows you to do," Hartnack notes. For an in-field anesthesia, she typically opts for sedation with a local block or epidural. 4. Consider the size of the hernia. Most simple hernias successfully treated in the field will be no more than four to five centimeters (three fingers in size) and have a hernia ring that appears thick and easily palpated, says Baird.

Hartnack adds that she recommends not addressing hernias in the field that are larger than 10 to 15 centimeters. "This depends on what you feel comfortable with," she says. "I do recommend that you run away from hernias that have previously been repaired. Refer them or tell the rancher to consider culling that animal. It is important to consider that hernias may be heritable as well."

CONTINUED ON PAGE 64

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When hernias are less than five centimeters in diameter, Hartnack says she considers using abdominal support bandages as a first option rather than surgery. "In a young Holstein calf, for instance, I'd recommend trying a belly band first, because a month isn't going to make that big of a difference," she notes. "If it works that's great — you've avoided a surgery — but if it doesn't, they're still not that big at two months of age."

She recommends checking the band about every two weeks to see if the animal is tolerating it well. If so, the hernia usually heals within about three months. The downside if the band doesn't work is you will have a larger calf and a larger hernia, usually, to deal with. "Still, in commercial calves, this might be a good option to try before going to a surgical option," she says.

Hartnack often constructs belly bands out of brown cling gauze and vet wrap and will put elastic tape on the edges to keep the band from sliding. Duct tape can be applied to the outside to help keep the area waterproof. In bulls and steers, a hole lined with duct tape can be made in the band to allow for urination. Commercial belly bands are also available for purchase.

The number one rule for postop hernia success is to restrict the animal's movement, says Hartnack. That usually is easiest to achieve with a dairy calf. With beef calves, she says to not return them straight to pasture. Instead, keep them in a small pen for four to six weeks. Also consider using an abdominal bandage for 24 to 72 hours to provide support. Depending on the animal's anatomy and incision size, an alternative would be the use of a stent bandage.



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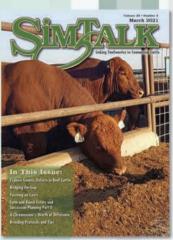


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PB SM • Sire: SK Smooth Criminal E174 Bred to CLRS Guardian 317G



HL Ms Kong H67 PB SM • Sire: THSR Kong F848 Bred to CLRS Guardian 317G

Two additional treatment factors to consider are the use of anti-inflammatory drugs and antibiotics. "I'll often use a dose of penicillin at the time of surgery, especially if it's just a simple, uncomplicated repair with no sign of infection, just to cover for any contamination—especially if it's a field surgery," she says. "I find that is usually adequate."

From a management perspective, Hartnack instructs clients to gradually re-introduce animals to forage over a three- to five-day period to prevent excessive rumen fill and pressure on the incision.

Importance of Winter Water Access for Cattle

Kansas State University

Water is an essential nutrient for people and animals alike. And while water consumption often increases on hot days, it is also an important nutrient in the winter, said the experts at the Kansas State University Beef Cattle Institute on a recent Cattle Chat podcast episode.

"A cow typically drinks a gallon and a half of water per 100 pounds in the summer, but in the winter that will drop to a half-gallon to three-quarters of a gallon per 100 pounds," veterinarian Brad White said. "Still, she is drinking water and producers need to manage the water supply in the winter."

Veterinarian Bob Larson added that easy access to water is crucial. "The ground around water sources can get muddy with the changing weather, making it difficult for the cattle to come up and get access to the water," he said.

Veterinarian Brian Lubbers added: "In the winter, producers need to make sure the water sources aren't frozen."

Larson agreed and said cattle cannot be without water very long without having health challenges. "Water is the most important nutrient, so in a winter event such as a snow and ice storm producers need to have a plan on how they are going to get water to the cattle," he said. "Producers who use electricity to keep the cattle waterers open need to have a backup generator for the water pumps in a power outage."

Nutritionist Phillip Lancaster said producers need to routinely check for electrical shorts in the tanks. "Sometimes there will be a short that will CONTINUED ON PAGE 70





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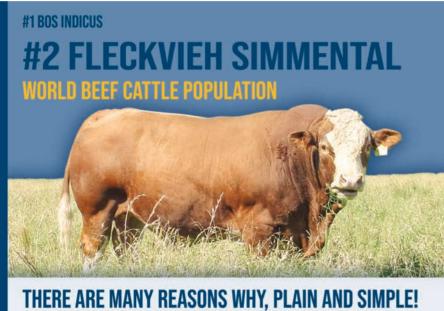
give the cattle a bit of a shock when they drink and they will stop drinking," he said. "If the cattle aren't drinking, they will often stop eating or reduce the amount of feed they consume, so that is something to watch for."

For producers who routinely take water to the cattle out on pasture, the experts stressed the importance of making sure the transport tanks — as well as the pumps and hoses — were not used for ag chemicals.

"Avoid hauling water in a tank that had herbicides or insecticides in it, as well as making sure the pumps and hoses weren't used for the delivery of any chemicals," Larson said.

White added: "Depending on what chemicals were used, a small amount can cause severe side effects."

"When cows have toxicology problems," Larson said, "they aren't just sick; a lot of times they are dead."



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North Dakota Puts Local Beef in Schools

A program developed by the Independent Beef Association of North Dakota (I-BAND) in partnership with state agencies is giving schoolchildren a taste of locally grown beef.

The North Dakota Beef to School Pilot Program, funded through a donation from I-BAND, allows participating schools to compare beef that has been raised and processed fully in the state to USDA commodity or commercially available ground beef they are currently using, according to the organization. The aim is to promote the purchase of local beef by school meal programs.

John Roswech, operator of South Forty Beef, a USDA processing plant in Mott, ND, delivers beef to schools in the program. He told KFYR-TV: "We actually received feedback already from the chef that it smells like beef. It cooks like beef."

I-BAND has donated 1,000 pounds of North Dakota-produced ground beef to 12 schools across the state, according to the KFYR report.

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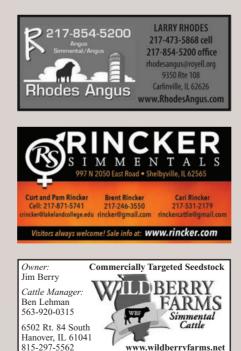
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Kansas



(Continued on page 74)

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*EPD as of 2/13/2022



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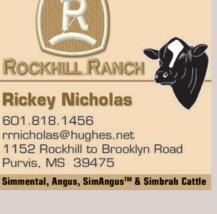


SFG J130 :: S-Cowboy Way :: ASA# 3980124 :: CE 15 • WW 89 • API 137 • TI 85

State Marketplace

(Continued from page 72)





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(Continued on page 76)

74 SIMTALK

GENETICS THAT PAY

S20H MORE PER CARCASS Success on the ranch is measured in dollars.

Data from the Tri-County Steer Carcass Futurity Cooperative finds packers pay **\$20 to \$34** more for SimAngus² and Simmental-sired cattle than English-sired counterparts.^a

Simmental influence also pays at auction. SimAngus-sired steer calves sold through Superior Livestock Auction earn more at sale time than all other calves.^b

It's no wonder the percentage of **SimAngus** calves marketed through the industry's largest video auction has grown **eightfold** since 2010.

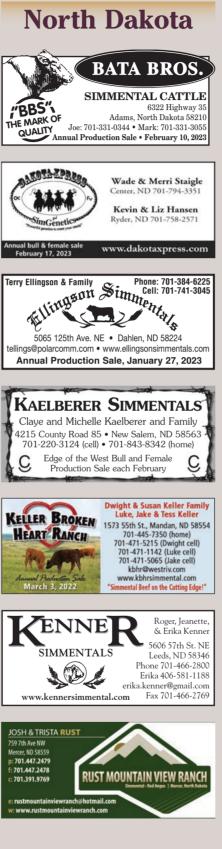


^a Effect of sire breed group on carcass value of feedlot cattle harvested through Tri-County Steer Carcass Futurity Cooperative, Lewis, Iowa, 2002 to 2018. Odde, K. & King, M. (March 2021). Kansas State University. Relationships Among Sire-Breed Group, Calf Sex and Year Group on Carcass Traits. Breeds represented in the English-sired group: Angus, Red Angus, South Devon, Hereford and Shorthorn.
b Effect of sire breed on sale price of beef steer calves sold through Superior Livestock Auction, summer 2020. Odde, K. & King, M. (December 2020). Kansas State University analysis of 394,900 head of beef calves. Estimating the Value of SimAngus Sired Calves: Superior Livestock Auction – Summer Sales J2020. For lots of 50 head or more.

State Marketplace

(Continued from page 74)







(Continued on page 78)

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ACC	.60	.71	.67	.64	-	.027	.14	.32	.26	.51	.51	-	.30	.33	.49	-		
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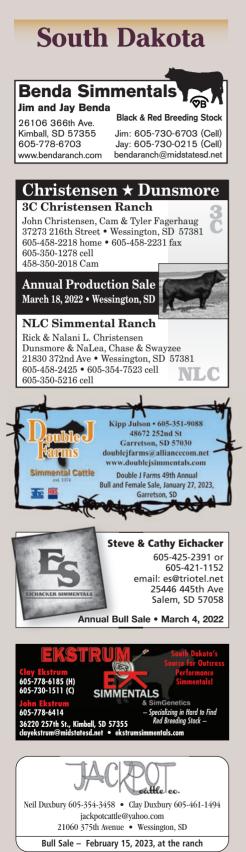
Crossroad Octane 15H



Dam – Anchor D Kael 255C

State Marketplace

(Continued from page 76)





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6

BEST PRACTICES FOR SEEDSTOCK PRODUCERS

Best Practices to Receive the Most Accurate Genetic Predictions

Clearly define breeding objectives

With the ability to increase the rate of genetic change comes the possibility to make mistakes at a faster pace. Breeding goals need to be clearly identified to ensure that selection at the nucleus level matches the profit-oriented needs of the commercial industry.

Use whole herd reporting

Inventory-based reporting captures more complete phenotypes on reproduction and longevity traits, and thus creates more accurate genetic selection tools.

3 Properly define contemporary groups

It is important for the precision of the genetic evaluation to group animals treated uniformly. Proper reporting of contemporary groups reduces bias in EPD.

Take data collection and reporting seriously

Phenotypes are the fuel that drives the genetic evaluation. Take pride in collecting accurate data. Report records on the complete contemporary group in order to paint the most accurate picture of the genetics in these cattle. If possible, collect additional phenotypes like mature cow weight, cow body condition score, udder scores, feed intake, and carcass data.

5 Make both thorough and accurate phenotypic data collection for economically relevant traits a high priority

The quantity and quality of fertility traits need to dramatically improve. Providing disposal codes to identify why females leave the herd is vital. Commercial data resources, where the true economically relevant traits exist, are going to become more critical to capture. Breeders can help prove the genetics of their own seedstock by encouraging their commercial customers to join ASA's Commercial Total Herd Enrollment (THE) option and add valuable data to the evaluation.

6 Use index-based selection

As the list of published EPD continues to grow, using economic selection indices will become even more helpful to reduce the complexity of multiple trait selection.

If the number of EPD increase, tools to reduce the complexity of sire selection for commercial producers must continue to develop. Breed associations and seedstock producers have the obligation to aid commercial clientele in making profitable bull selection decisions.





Jackie Atkins, Ph.D.

Matt Spangler, Ph.D.





Bob Weaber, Ph.D.

Wade Shafer, Ph.D.

Use genomics

Genomic selection offers an opportunity to increase the rate of genetic change and break the antagonistic relationship between generation interval (the average age of the parents when the next generation is born) and the accuracy of selection (e.g., accuracy of EPD) — two components that determine the rate of genetic change. However, as with any tool, genomic information must be used correctly and to its fullest extent.

Adding a DNA test to your decision is like knowing . . .

- 25+ calving ease scores
- 22 birth weights
- ◆ 25+ weaning weights
- 25+ yearling weights
- Stayability / productivity records on 15 daughters
- 6 carcass weights
- 10 marbling scores
- 8 ribeye area measurements

All this from a test you can complete before you wean the calf.



Best Practices for Genomic Testing

All animals within a contemporary group should be genotyped.

If genomic data are meant to truly enable selection decisions, this information must be collected on animals before selection decisions are made. The return on investment of this technology is substantially reduced if it is used after the decision is made. The ASA offers the Calf Crop Genomics (CCG) program to offer 50% off GGP100K test for breeders who commit to genotype the entire calf crop. See sidebar for more details.

2 Both male and female animals should be genotyped.

The promise of genomic selection has always suggested the largest impact is for lowly heritable and/or sex limited (e.g., fertility) traits or those that are not routinely collected (e.g.,disease). This is indeed true, but it necessitates that genotyped animals have phenotypes. For sex-limited traits, this becomes a critical choke point given historically the vast majority of genotyped cattle are males. If producers wish to have genomic-enhanced EPD for traits such as calving ease maternal and heifer pregnancy, they must begin or continue to genotype females. The ASA has a unique program called the Cow Herd DNA Roundup (CHR) to help herds collect female genotypes. See sidebar for more details.

3 Genotypes can provide useful information in addition to predictions of additive genetic merit.

Do not forget the value in correcting parentage errors, tracking inbreeding levels, identifying unfavorable haplotypes, estimating breed composition, and estimating retained heterozygosity. All of these can be garnered from populations that have a well-defined set of genotyping protocols.

The beef industry should be congratulated for the rapid adoption of genomic technology, but there is a lot of work to do. Of critical importance is the fact that genomic technology will continue to change and does not replace the need for phenotypes nor the fundamental understanding of traditional selection principles including EPD and accuracy.

Total Herd Enrollment (THE)

A cow inventory reporting program, THE requires participants to provide annual reproductive and inventory status on their cow herd. THE is designed to improve quality of data submitted for the genetic evaluation, and in turn improve and develop reproductive EPD. By



submitting data on the entire calf crop or contemporary group, breeders will receive more accurate predictions of their cattle. The ASA has four THE options to fit most seedstock and commercial operations.

Cow Herd DNA Roundup (CHR)

The Cow Herd DNA Roundup (CHR) is designed to increase the number of female genotypes to better predict maternal traits, such

as maternal calving ease. Genotyping entire herds reduces bias created when only the best cattle are genotyped. Gathering massive amounts of genotypes on entire cow herds will significantly improve the genomic predictions and rate of genetic progress. As parentage testing is included, CHR herds will have pedigrees validated through DNA.



Participating breeders benefit from having genomically enhanced EPD on the entire cow herd — equivalent to a lifetime number of calf records in several traits for an exceptionally low cost.

Calf Crop Genomics (CCG)

Calf Crop Genomics, a research project launched by the ASA in collaboration with Neogen Genomics, offers 50% off GGP100K genomic test including parentage (\$25 compared to \$50 equivalent

test) to participating breeders who test their entire calf crop. Genotyping entire calf crops is important to use genomically enhanced EPD (GE-EPD) for selection decisions, reduce selection bias in genomic predictions, and increase the volume of genotyped animals for future improvements to genetic predictions. The latter two



points make any singular genomic test in the future better for all members using genomics.

Carcass Expansion Project (CXP)

Despite the importance of carcass traits to our industry, few producers devote resources to collecting and recording actual carcass data. While the Carcass Merit Program (CMP) is a valuable

progeny test, it is limited in the number of records produced. We cannot depend on the CMP alone to bring in carcass data. In the age of genomics, it is clear we need genotypes on animals with actual carcass phenotypes.

Adding another layer of commitment to predicting carcass traits, the ASA initiated a

CARCARCASS XPANSION PROGRAM

new program, called the Carcass Expansion Project, in the fall of 2018 to increase the number of carcass records on genotyped animals. The ASA is are ramping up both phenotypic and genotypic data collection on terminal calves — a vital part of our vision.



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ALENDAR

MARCH

- 1 Barker Cattle Company's Bull and Female Production Sale Burley, ID
- 1 Doll Simmental Ranch's 42nd Annual Production Sale -- Mandan, ND
- Hill's Ranch Bull Sale Stanford, MT (pg. 74)
- Klein Ranch's "Heart of the Herd" Sale Atwood, KS 2
- 3 18th Annual Cattlemen's Kind Sale — San Saba, TX
- 3 Keller Broken Heart Ranch Annual Production Sale — Mandan, ND (pg. 76)
- 3 Kearns Cattle Co. 33rd Annual Bull Sale — Rushville, NE
- Eichacker Simmentals' Annual Production Sale Salem, SD (pg. 78) 4
- KSU's Annual Legacy Sale Manhattan, KS 4
- 5 Cason's Pride and Joy Bull Sale - Russell, IA
- Kentucky Beef Expo Simmental Sale Louisville, KY 5 5
- Powerline Genetics PAP-Tested Bull Sale Castle Dale, UT
- Trinity Farms' Generations of Excellence Sale Ellensburg, WA (pg. 78) 5 6
- Gateway Genetics Versatility+ Bull Sale Pierce, NE Gold Bullion Group's Annual Bull Sale Westmoreland, KS 6
- Windy Creek Cattle Company's Production Sale Spencer, SD 6
- 7 Hanel's Black Simmentals' Black and White Bull Sale - Courtland, KS
- 7 Rincker Simmentals' Sweet 16 Bull Sale - www.sconlinesales.com
- q R.A. Brown Ranch's Spring Bull Sale - Throckmorton, TX
- 10 Brink Simmentals' Phone Auction - Elkader, IA (pg. 46)
- 10 Schmig Simmental Ranch's 39th Annual Production Sale - Stockholm, SD
- 11 Yardley Cattle Company's Bull Sale — Beaver, UT (pg. 9)
- 22nd Annual Gonsior Simmentals' "In The Heartland" Sale Fullerton, NE 12
- Carcass Performance Partners Bull and Female Sale Lucedale, MS 12
- 12 **Dikeman and Huninghake Premium Genetics Simmental** and Angus Bull Sale - Frankfort, KS
- 12 Great Lakes Beef Connection Bull Sale - Clare, MI (pg. 90)
- Northwest Select Simmental Sale Ross, ND 12
- 12 Rains Simmental's Bulls of the Prairie Sale — Oakley, KS (pg. 50)
- 15 Powerline Genetics Arapahoe 2 Sale — Arapahoe, NE
- 15 Schrader Ranch SimAngusTM and Charolais Bid Off Sale — Wells, KS (pg. 60)
- 26th Annual Mid-Kansas Angus and Simmental Breeders Sale-LaCrosse, KS 16 3C Christensen Ranch and NLC Simmental Ranch 51st Annual Production 18
- Sale Wessington, SD (pg. 78) 18 Black Summit's Break Out Bull Sale - Powell, WY (pg. 47)
- 18
- Sunflower Genetics' Annual Production Sale Maple Hill, KS (pg. 73) 19 51st Annual Eastern Spring Simmental Sale at the Ohio Beef Expo-Columbus, OH (pg. 93)
- Altenburg Super Baldy Ranch's 30th Anniversary Annual Bull and Heifer 19 Sale — Fort Collins, CO (pg. 25)
- 19 Dickinson Simmental and Angus Ranch 51st Annual Production Sale -Gorham, KS (pg. 37)
- 19 High-Bred Simmentals and Marple Simmentals Cattlemen's Choice Sale -Fredonia. KS
- 19 Lechleiter Simmentals' 34th Annual Bull Sale – Loma, CO (pg. 72)
- R&R Genetics' 12th Annual Bull and Heifer Sale Tremonton, UT 19
- Red Hill Farms' "More Than a Bull XVII", Bull and Female Sale -19 Lafayette, TN (pg. 78, 96)
- Rockin H Simmentals' Production Sale Canby, MN (pg. 57) 19
- Bridle Bit Simmentals' All Terrain Bull Sale Walsh, CO (pgs. 72, 92) 21
- 21 Volk Livestock's Online Sale — www.sconlinesales.com
- Superior Beef Genetics' 21st Annual Sale Lamar, MO (pg. 34) 22
- 22 Three Cedars Farms' Bull and Replacement Female Sale - www.bigiron.com (pg. 41)
- 23 Diamond H Ranch's Annual Production Sale - LaCrosse, KS (pg. 43)
- 24 Wardensville WV Bull Test Sale — Wardensville, WV (pg. 23)
- 24 Western Cattle Source's Production Sale, Crawford, NE
- 25 The Great Northern Bull Sale — Clear Lake, MN
- 25 Vertical Edge Genetics' Annual Production Sale - Bancroft, ID (pg. 64)
- 26 Arkansas Bull and Commercial Female Sale - Heber Springs, AR
- Southwest VA Bull Test Sale Wytheville, VA (pg. 23) 26
- 26 T Heart Ranch's High Altitude Bull Sale - La Garita, CO (pgs. 14-15, 72)
- 26 The Clear Choice Bull Sale — Milan, IN (pgs. 31, 72)
- 26 Wildberry Farms' Annual Production Sale Hanover, IL (pgs. 94-95)
 31 Open Gate Ranch's 42nd Annual Bull Sale Simms, MT (pg. 51)

APRIL

- 1 CK Bar Ranch's Bull Sale St. Onge, SD (pg. 44)
- 2 19th Annual "Pick of the Pen" Bull Sale Blacksburg, VA (pg. 29)
- 2 Belles and Bulls of the Bluegrass - Lexington, KY (pg. 39)
 - 2 Big Country Genetics Bull Sale — Cody, WY

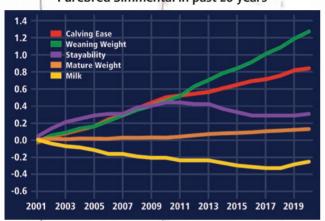


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Maternal Trait Genetic Trends Purebred Simmental in past 20 years



Simmental genetics bring calving ease, early growth, and cow longevity while keeping feed costs at a minimum.

Breed	Mature Cow Wt.
Hereford	1,419
Angus	1,410
Red Angus	1,409
Simmental	1,404
Source: USDA MAR	C

\$All Purpose Index (\$API)

predicts cow herd profitability using valuable traits like cow longevity (STAY) and calving ease while keeping pressure on terminal traits.

Compare the profit potential of two Simmental bulls using \$API

- 1 Bull A's \$API = \$120 and Bull B's \$API = \$180
- 2 Breeding 25 females/year
- **3** Used for 5 years

Bull	\$API		2 # Females per year		3 # years using the bull		Profit Potential
А	\$120	Х	25	Х	5	=	\$15,000
В	\$180	Х	25	X	5	=	\$22,500
					Difference	=	\$7,500

Just like an EPD, compare two bulls to see the expected difference in profit. Bull B is likely to result in direct revenue and expense savings of an additional \$7,500 over the course of five years. Plug in your numbers for **1**, **2**, and **3** to compare your potential earnings.



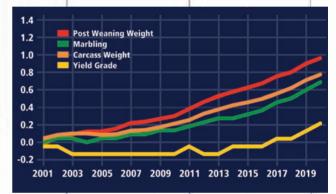
More carcass weight, live weight, muscle and marbling. More **profit**.

Simmental calves reliably perform in the feedyard – with better growth, better structure and fewer health problems. Simmental cattle add pounds without sacrificing marbling.

Backed by the most comprehensive beef cattle genetic database, the American Simmental Association offers commercial producers more selection and marketing tools than any other breed association.

All to strengthen your bottom line.

Terminal Trait Genetic Trends Purebred Simmental in past 20 years



\$Terminal Index (\$TI)

predicts profitability when all calves are harvested.

Trait	Simmental rank compared to other Continental breeds
Marbling	First
Carcass Weight	Second
Back Fat	Second
Post Weaning Gain	First
Source: USDA MARC	

Simmental cattle bring marbling and growth without too much fat. Simmental genetics perfectly complement British strengths and weaknesses for an ideal carcass.

Did You Know?

 According to the National Association of Animal Breeders, Simmental ranks second for semen sales compared to all other beef breeds, and in recent years, the percentage of semen sold in the US from Simmental bulls has grown by 35%.

27% 26% \$API \$TI

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The main page of the website has a new look highlighting ASA spotlight articles, industry news, and easy to navigate location for articles in a series.

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Sections include:

- ♦ Industry News and Events
- ♦ ASA Spotlight
- ♦ EPD FAQs
- ♦ Women of ASA
- ♦ Down to the Genes

CALENDAR

- 2 The Gathering at Shoal Creek Excelsior Springs, MO (pg. 59)
- 2 Wisconsin Beef Improvement Association's 65th Performance Selected Bull Sale — Platteville, WI (pg. 68)
- 6 81st Kansas Bull Test Sale Green, KS (pg. 7)
- 7 Midland Bull Test Sale Columbus, MT
- 8 South Dakota State University Angus and SimAngus™ Bull Sale Brookings, SD (pg. 54)
- 9 Hilbrands Cattle Company's Passion 4 Perfection Sale Clara City, MN (pg. 61)
- 9 New Day Genetics' Spring Bull Sale Salem, MO
- 9 The Spring Turnout Worthing, SD (pg. 33)
- 15 Henry's Fork Private Treaty Sale Rexburg, ID
- 15 VSA Spring SimSensation Sale, Harrisonburg, VA
- 16 Diamonds and Spurs SimGenetic Sale Bois d'Arc, MO
- 16 Pigeon Mountain Spring Beef Builder Bull and Female Sale Rome, GA
- 16 RS&T Herd Bull and Spring Pair Sale Savannah, MO (pg. 63)
- 23 Heartland Performance with Class Production Sale Waverly, IA (pg. 67)
- **23** The Clear Choice Customer Sale Milan, IN (pg. 72)
- ${\bf 30} \quad {\rm Classic \ Farms' \ 3rd \ Annual \ Spring \ Fever \ Sale Jackson's \ Mill, \ WV}$

MAY

- 5 Nelson Ranch Production Auction, Glasgow, MT
- 5 Powerline Genetics/Seward Cattle Co. High Altitude Bull Sale Lone Tree, WY
 7 Stars and Stripes Sale Hummesltown, PA
- 9 The Southern Blend Online Sale www.dponlinesales.com
- 14 Banners & Beyond Sale, Clarkesville, GA
- 14 Banners & Beyond Sale, Clarkesville, GA
 14 Mississippi/Alabama Simmental Sale Cullman, AL
- 16 Red Hill "Maternal Monday" Online Sale www.dponlinesales.com
- 16 Red Hill "Maternal Monday" Online Sale www.dponlinesales.cc
 21 3rd Annual Back To Grass Sale Henderson, TX
- 21 Sid Annual Back to Grass Sale Iteliderson, TX
 28 Plank Simmental and Red Angus Farm's Complete Dispersal Crystal, MI (pg. 56)

JUNE

- 8-11 AJSA Eastern Regional Classic Lebanon, IN
- 24-30 AJSA National Classic Madison, WI

JULY

23 Simmental Breeders' Sweepstakes Sale — Springfield, MO

SEPTEMBER

- **3** North Carolina Fall Harvest Union Grove, NC
- 10 Kentucky Simmental Fall Sale Lexington, KY
- 17 Family Matters Sale Auburn, KY
- 21 Gonsalves Ranch's Bulls Eye Breeders Angus and SimAngus Bull Sale Modesto, CA
- 22 Circle Ranch Beef Solutions Bull Sale Ione, CA

OCTOBER

- 1 Buckeye's Finest Zanesville, OH (pg. 76)
- 1 Generation After Generation Sale Blountville, TN
- 8 Ponderosa Farms and Guest 3rd Annual Bull and Commercial Female Sale — Taylorsville, MS
- 8 The New Direction Sale Seward, NE (pg. 76)
- 15 Fred Smith Company's Extra Effort Sale Clayton, NC (pg. 76)
 - 22 Clear Choice Female Sale Milan, IN (pg. 72)
 - 22 MN Beef Expo White Satin Onn Ice and All Breeds Sale Minneapolis, MN
 - 29 Bred For Success Sale Marion, MI
 - 29 Cattlemen's Preferred All Breed Bull and Commercial Female Sale Harrison, AR
 - 29 H2Os Farm's Laser Focused Production Sale Walkerton, IN
 - 29 Red Hill Farms' Bulls and Females of Fall VIII Lafayette, TN
- **29** Yon Family Farms Sale Ridge Spring, SC

NOVEMBER

- 5 Cason's Pride and Joy Elite Female Sale Russell, IA
- 5 Dakota Ladies Sale, Worthing, SD
- 5 Irvine Ranch's 18th Annual Production Sale Manhattan, KS
- 6 Triangle J Ranch's Female Sale Miller, NE
- 12 Gibbs Farms' 17th Annual Bull and Replacement Female Sale Ranburne, AL
- **15** Elliott Livestock and Wild Rose Cattle Company's Bull and Bred Heifer Sale Clifford, ND
- **20** 49th Annual MSA Simmental Sale Cannon Falls, MN
- 26 The Event, Vol. III at Tucker Cattle Company Pleasant Dale, NE



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CE	BW	WW	YW	MM	MB	REA	API	TI
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imTalk is an 8 1/8 x 10 7/8 inch publication produced by *the Register*, the official publication of the American Simmental Association. Published four times annually, *SimTalk* is a glossy, full-color publication with a circulation that targets commercial users of SimGenetics. Advertising in *SimTalk* provides a unique opportunity to brand and trademark your program to thousands of potential customers. If you are serious about communicating with the commercial beef business, consider an advertising presence in every one of our four annual issues.

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SC Pay the Price C11 Pays to Dream x Trademark ASA# 2988788 • Homo black • Hetero polled Two-time NWSS Grand Champion Bull



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Use him to make those next generation

Purebreds. Excellent foot shape and depth

KSIG Steelin His Style 6D

Silveiras Style x Steel Force x SS Babys Breath

ASA# 3130639 • Homo black • Homo polled

1/2 SimAngus[™], calving ease from the 2012

ASA# 3812282 • Homo Black • Homo Polled



Mr SR Mic Drop G1534 Mr SR 71 Right Now E1538 x JBS Big Casino 336Y ASA# 3568352 • Homo Black • Homo Polled A true spread bull with extra MCE, Docility, Marbling and production profit potential.



WCL No Limits G302 Mr. CCF 20-20 x American Pride ASA# 3659712 • Homo black • Homo polled No Limits is a neat patterned bull out of the legendary 20-20!



WS Proclamation E202 CCR Cowboy Cut 5048Z x WS Miss Sugar C4 ASA# 3254156 • Homo Black • Homo Polled Proclamation is one of the ELITE, must-use superstars!



Mr CCF Clarified E3 Mr CCF 20-20 x Miss CCF Sheza Superstar by Duracell ASA# 3275273 • Homo black • Homo polled Backed by the Louisville and Denver Champion Sheza Bonnie, Clarified offers elite phenotype, proven genetics, and a balanced EPD profile.



LLSF Vantage Point F398 CCR Anchor x Uprising x Quantum Leap's Dam ASA# 3492381 • Hetero Black • Homo Polled 3/4 Lead-off Bull in the 2019 NWS S% Champion for Lee.



ASA# 3632499 • Homo Black • Homo Polled Dakota Outlaw's first calves are "the talk" of the country when it comes to fresh genes to use in 20221



OBCC CMFM Deplorabull D148 W/C Executive Order x LazyH/Adkins Blkstr Z15 ASA# 3150188 • Homo Black • Homo Polled Newly on the open market for 2021! Deplorabull is the \$100,000 valued herd sire prospect that was the talk of Kansas City and Louisville in the fall of 2016. He was named Bull Calf Champion at both the American Royal and the NAILE.



Felt Perseverance 302F W/C Executive Order 8543B x Rubys Rhythm Z231 ASA# 3493800 • Hetero Black • Homo Polled Perseverance is a new, exciting baldy Executive Order son with tremendous maternal genetics behind him. The first dozen calves out of him have been born light and easily out of first calf heifers.



PBF Red Paint F88 W/C Executive Order x Built Right ASA# 3500551 • Red • Polled Hot, red, calving ease bull. 2019 Iowa State Fair Division Champion!



JSUL Something About Mary 8421 W/C Relentless 32C x JBSF Proud Mary ASA# 3565879 • Black • Polled

His pedigree, Relentless (Utah x 8543U) x JBSF Proud Mary (High Regard x Steel Magnolia), just solidifies the ability to transmit maternal, in fact it shouts it!

Champion!

Longs Pay the Man E16 Pays to Believe x Shear Pleasure ASA# 3327014 • Homo black • Homo polled Great-built, stout, double-homozygous Pays to Believe son!



WHF/JS/CCS Double Up G365 W/C Double Down x WHF Summer 365C ASA# 3658592 Double Up is by proven calving ease sensation

Double Down out of the legendary WHF/Steen hoek multiple time champion WHF Summer 365C.



GEFF County 0 736E Loaded Up x RAJE/PB Montecito 63W ASA# 3289219 • Hetero Black • Homo Polled County O goes back to the Rhythm donor at Ruby's! He's a featured herdsire at Griswold Cattle Co, OK and is making the right kind!



VOLK Backdraft CC F810 W/C Executive Order 8543B x JS Flatout Flirty ASA# 3528566 • Red • Polled Backdraft owns unrivaled maternal strength, combining noted breed-leaders "Flatout Flirty' and "Miss Werning KP 8543U"



W/C Double Down 5014E W/C Executive Order X Yardley Utah ASA# 3336150 • Homo black • Homo polled Double Down has now proven himself with scores of very nice calves, and as expected, has stretched

the necks, yet provides the rib the industry is demanding in the show room and the pastures.

American Royal Champion!

of heel



SJW Exit 44 7111E LLSF Pays to Believe x SVF/NJC Built Right N48 ASA# 3416614 • Homo Black • Homo Polled The most talked-about new blaze bull across the nation!



Rocking P Private Stock H010 WLE Copacetic E02 x Rubys Wide Open 909W ASA# 3775641 • Homo Black • Homo Polled Private Stock was the 2022 Fort Worth Champion Bull and the 2021 NAILE Champion Bull.



Additions!

CATTLE/isions 573-641-5270 www.cattlevisions.com



CLRS Guardian 317G Hook's Beacon 56B x CLRS Always Xcellent ASA# 3563436 • Homo Black • Homo Polled Guardian was the \$85,000 selection in the 2020 "Bred For Balance" Sale. He's the breed's #1 \$API Purebred and #2 Marbling Purebred!



CCS/WHF OI` Son 48F CDI Innovator 325D x WHF Summer 365C ASA# 3452997 • Homo Black • Homo Polled Ol' Son is one of the newest and HOTTEST bulls on the market! Siring champs for JS Simmental in his first calf crop!



Ruby/SWC Gentleman's Jack One Eyed Jack x Upgrade ASA# 3134708 • Homo Black • Homo Polled Producing extremely sound, deep-sided, high-quality progeny! His first crop of heifer calves has produced champions at the highest levels!

W/C Bet On Red 481H W/C Fort Knox x W/C Relentless ASA# 3808091 • Red • Homo Polled Griswold's red bull purchase from the 2021 Werning sale!



CLWTR Clear Advantage H4G LLSF Vantage Point F398 x Miss Sugar C4 ASA# 3858588 • Homo Black • Homo Polled Exciting, new sire that's ultra-complete out of one of the hottest donors!



W/C Bank On It 273H PW/C Bankroll 811D x Hooks/ KS Sequoia ASA# 3808104 • Hetero • Black Homo Polled Griswold selected him at the \$202,000 high seller at Werning's 2021 sale!



W/C Express Lane 29G Rubys Turnpike 771E x Hooks Shear Force 38K ASA# 3644933 • Homo Black • Homo Polled Complete Turnpike son at Western Cattle Source, NE!



SWSN Cash Flow 81E Profit x MR CCF Vision ASA# 3348420 • Black • Polled Cash Flow sired some of Hartman's and Vogler's high selling lots this past year!



SAS Infra-Red H804 All Aboard x Frixon Bitten ASA# 3803257 • Red • Homo Polled One of the hottest red bulls to sell in 2021!



SAS Big Casino H214 Drake Poker Face x Erixon Bitten ASA# 3803217 • Homo Black • Homo Polled Big-bodied performance driven baldy!



Bar CK Red Empire 9153G IR Imperial x CDI Verdict ASA# 3766616 • Homo polled High selling bull at BAR CKs 2021 Sale! Top 1%



W/C Fort Knox 69H Hardwire W/C Fort Knox 609F x W/C Relentless 32C ASA#: 3808092 • Red • Homo Polled Sloup's purchase at WC 2021 sale!



W/C Sugar Daddy 9002H CDI innovator x WS Miss Sugar C4 ASA# 3808126 • Homo Black • Homo Polled Maternal brother to WS Proclamation and LCDR Impact and Favor. 9002H is the CE leader Innovator son and higher \$API



RBS Upper Hand H288 W/C Bankroll 4254F x RBS Uptown ASA# 3827413 • Hetero Black • Homo Polled Reck's 2021 high seller to Hart's, SD. Reck's describe him as impressive a bull they've raised. 902# WW combined with excellent feet, joints and profile!



CKCC Relevant 0639H ES Right Time x WCS Mr Razor ASA# 3786555 • Homo Black • Homo Polled One of the few Right Time sons to be availble this season. He's a powerfully constructed, heavy muscled 3/4 who was the second high seller at CK/Wager Sale.



S&S TSSC Limitless 041H (1/2) Conley No Limit x WS Revival ASA# 3776857 • Black • Polled Calf champion at 2020 NAILE and 2021 Royal!

AD INDEX

Alabama Gibbs Farms
California R/G Ron Gilliland91
O a la via da

Colorado Altenburg Super Baldy Ranch, LLC. 25, 72 Bridle Bit Simmentals. 72, 92 Far Out Cattle Ranch. 92 L-Cross Ranch. 14, 15 Lechleiter Simmentals. 72 Phoenix Cattle Company. 72 T-Heart Ranch. 14, 15, 35, 72

Georgia

Jenkins Cattle Company 3	2
Rustic Oak Ranch 5	2

Idaho

Lanting Enterprises	
Lanting Enterprises	

Illinois

Allied Genetic Resources 14, 19, 25, 29, 35, 47,
Haven Hill Simmentals
Rhodes Angus
Rincker Simmentals72
Vertical Edge Genetics



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3/4 SM 1/4 AN GIBBS 6176D FACEBOOK SON

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SAPI +138.

\$TI+87.0

JC Simmentals Sale Facility, Clare, MI || 1:00 PM ET

Welsh, Shannon															. 1	8	
Wildberry Farms											72	2,	9	4	, g	95	

Indiana

Beshears Simmentals
Boyle Ranch6
Clear Choice Bull Sale
ClearWater Simmentals
H2O's Cattle
Lucky Penny Cattle Co
Neal Brothers

lowa

10114
Brink Genetics
Hadden Simmentals
Heartland Simmentals
Iron Creek Cattle Company
Jass Simmentals 61
Louwerse Cattle
RL Fleckvieh Limerock Ranch
Schooley Cattle Co
Springer Simmental
Stanley Martins Farms

Kansas

Cow Camp Ranch
Diamond H Ranch
Dickinson Ranch
Dixson Farms, Inc
High Prairie Genetics
Hofmann Simmental Farms74
Jones Red Angus
Kansas Bull Test7
Layton Auction Services, LLC
Rains Simmental
River Creek Farms74
Schrader Ranch
Sunflower Genetics LLC
Suther Feeds, Inc
Teter Farms

Kentucky

JC636J

S-D556J

,
Belles & Bulls of the Bluegrass
DP Sales Management LLC
HTP Simmentals
Kentucky Proud [™] 39
Misty Meadows Farm
Swain Select Simmental
Three Cedars Farms
Wayward Hill Farms

Maryland

Rolling	Vale	Farms.														2	2
				-							-	۰.				_	_

Michigan

0
Great Lakes Beef Connection
Green Valley Farm
JC Simmentals90
Plank Simmental & Red Angus Farm56
Salinas Farms
SD Simmentals
Sheridan Realty & Auction Co

Minnesota

liniteoota
Clear Springs Cattle Company74
Eberspacher Enterprises Inc 57, 59, 61, 63, 67
Hilbrands Cattle Co 61
Oak Meadow Farms74
Pearson Cattle Co 61
Riverside Simmentals
Rockin H Simmentals 57
Rydeen Farms
S&J Farms
Stevens Cattle Company27

PB SM TJ GOLD 274G SON



Hook`s Black Hawk 50B Sire: Hook`s Eagle 6E Hook`s Crystal 1C Sand Ranch Hand Dam: JHW Ranch Hand 802U J502 ASA# 3702548 5/8 SM 5/16 AN 1/16 CS

			Direct				Mat	ernal						\$ Index				
Trait	CE	BW	ww	YW	ADG	MCE	Milk	MWW	Stay	DOC	CW	YG	Marb	Fat	REA	Shr	API	TI
EPD	13.1	5	97.5	156.2	.37	7.5	23.6	72.3	16.3	19.3	51.6	34	.37	040	1.31	38	149.9	95.1
ACC	.43	.45	.44	.45	.45	.26	.22	.30	.28	.37	.47	.39	.42	.41	.48	.07		
%			2	2	3			10		1	5	20			1		20	4

EPD as of 1.25.22



Sire: TJ Teardrop 783F Dam: LHT Ms. Answer 47B 5/8 SM 3/8 AN TJ Ms 38W LHT Ms Superior Direct Maternal Carcass \$ Index MWW Stay Trait CF BW ww YW ADG MCE Milk DOC cw YG Marb Fat REA Shr API τι 15.1 EPD 11.7 .9 95.6 149.6 .34 5.6 32.5 80.3 20.1 40.5 -.19 -.019 .85 -.34 138.0 86.1 .13 ACC .43 .48 .46 .47 .47 .22 .15 .26 .28 .38 .47 .37 .43 .40 .44 .02 10 3 10 15 3 4 1 20 20 %

SAV Final Answer 0035

SimAngus™

- Adj. BW: 77 lbs. Adj. WW: 825 lbs. Adj. YW: 1,495 lbs.
- Scanned a 18.24-inch ribeye.
- Calving ease, curvebending growth, with phenotype all in one package.



- First calves are hitting the ground. Coming easy with birth weights in the low 70 lb. range, then exploding with growth in a couple of weeks with tons of vigor. Up and sucking right away.
- His calves will pound down the scale at sale time, keep every one of his daughters.

Semen: \$20/unit volume pricing available Semen available through owner

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R/G Ron Gilliland 8787 Mace Blvd, Davis, CA 916-612-1340 rongilliland7@gmail.com

SimAngus™

- Massive rib shape.
- Tons of muscle and growth.
- Top 3% WW and top 4% YW.
- Enormous ribeye 19+ inches at 11 months of age.
- BW: 85 lbs.; WW: 781 lbs.; YW: 1,501 lbs.
- Calving ease with explosive growth.
- Gained five plus pounds a day on test.
- He's the go-to bull to put some middle in your cattle, deep, soggy, long as a train.
- Super sound-footed moves around like a cat.
- From the now-deceased TJ Teardrop and the legendary SAV Final Answer.
- Easy-fleshing Performance Bull.

Semen: \$20/unit volume pricing available Semen available through owners

Watch his video: https://vimeo.com/showcase/8123731/video/510989856

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ASA# 3805540



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EPD as of 1.25.22

TJ Main Event 503B

AD INDEX

Mississippi

Missouri

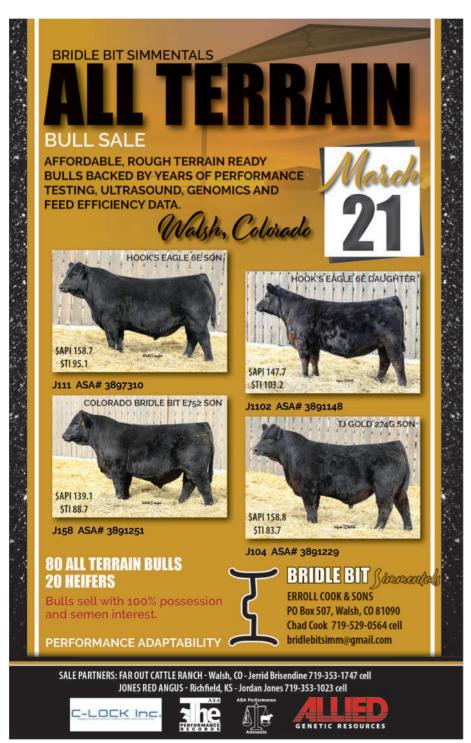
Cattle Visions 10, 11, 27, 40, 45, 78, 79, 85, 88, 89
Gerloff Farms74
Lucas Cattle Company74, 82
RS&T Simmentals
Shoal Creek Land & Cattle 59
Steaks Alive BC
Superior Beef Genetics
Vestlane Farms

Montana

Bulls of the Big Sky74	
Gateway Simmental & Lucky Cross IBC	
Hill's Ranch Simmentals74	
Lassle Ranch Simmentals	
Little Bitterroot Ranch74	
Miller Simmentals74	
Nelson Livestock Company	
Open Gate Ranch 51	

Nebraska

Anderson Cattle Co	
BigIron Auctions	
BigIron Livestock	



Eckhout Cattle
Forster Farms74
J&C Simmentals74
Powerline Genetics
Sandy Acres Simmental
Sloup Simmentals
Trauernicht Simmentals 18, 91
Triangle J Ranch
Western Cattle Source76

Nevada

Gene	В	ro	kers	LLC.								 			 69)

North Carolina

Fred Smith	Company	Ranch.	 	 	 		 	. 76

North Dakota

Bata Brothers
C Diamond Ranch
Dakota Xpress
Ellingson Simmentals
Kaelberer Simmentals
Keller Broken Heart Ranch
Kenner Simmentals
Lazy C Diamond Ranch3
Rust Mountain View Ranch
SRF Simmentals
SYS Simmentals
TNT Simmental Ranch

Ohio

Eastern Spring Simmental Sale93	3
Ohio Beef Expo	3
Ohio Simmental Association	3
Rolling Hills Farms Simmentals LLC	6
Select Sires®, Inc	7

Oklahoma

Willis Simmentals	76
-------------------	----

South Dakota

3C Christensen Ranch
Benda Simmentals
C-Lock Inc
CK Bar Ranch
Double J Farms Simmental Cattle
Eichacker Simmentals
Ekstrum Simmentals
Hilltop Simmentals
Jackpot Cattle Co
NLC Simmental Ranch
S/M Fleckvieh Cattle
Schnabel Ranch
South Dakota State University54
Spring Turnout, The
Stavick Simmental
TCM Simmentals
Traxinger Simmental
Werning Cattle Company

Tennessee

Martin Farms	 														78	3
Red Hill Farms	 												7	Β,	96	ò

Texas

Graham Land and Cattle
Pine Ridge Ranch, LLC
Reavis Farms
Ruby Lane Farms
Shipman, Jered, Auctioneer
Simbrah-SimGenetics Feedout 2022
Smith Genetics



SATURDAY, MARCH 19, 2022 | 1:00 EST | COLUMBUS, OH SIMGENETIC BULLS. OPEN & BRED FEMALES. COW-CALF PAIRS & GENETIC LOTS

















124H





425J







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WILDBERRY Annual Production Sale

FARMS March 26, 2022 1:00 pm • Hanover, IL



H857 // ASA 3723549 // 1/2 SM 1/2 AN BLACK, POLLED WBF DEEP POCKETS D092 COW CE BW WW YW MCF MILK MWW 49 3.5 81.6 128 1 11 26.9 67.6 000 CW RFA ADI TI YG 12.6 43.6 -0.22 0.07 0.87 107.4 71.2



*

H867 // ASA 3723559 // 3/8 SM 5/8 AN BLACK, POLLED WBF DEEP POCKETS D092 COW BW WW YW MCE MIK MWW 57 33 75 123.3 25 22.8 60.3 CW MARE REA API TI 14.5 44.2 -0.14 0.19 0.68 111.3 68.5



H890 // ASA 3723580 // 1/2 SM 1/2 AN BLACK, HOMO POLLED CCR 707 COWBOY 6055B COW CE BW WW YW MCE MIK MWW 7.8 3.9 90.4 135.1 44 24.3 69.4 DOC CW YG REA API 134.5 11.7 41.8 -0.1 0.35 0.58 82.4



H920 BLACK, P			// 1/4 SN OCKETS D			
Œ	BW	WW	YW	MCE	MILK	MWW
11.7	0.4	71.7	115.1	7.3	19.1	54.9
DOC	CW	YG	MARB	REA	API	TI
12.8	44.9	-0.02	0.31	0.62	126.6	73



H957 // ASA 3723636 // 3/4 SM 1/4 AN **BLACK, POLLED NLC GEN TEN 82E COW** MWW BW WW YW MCE MILK 8.4 118.1 33.3 2.9 80.4 6.4 73.4 DOC MARB CW YG RFA API TI 6.4 35.8 -0.15 130.1 76.5 0.26 0.56

SELLING CHOICE OF 128 OPEN HEIFERS



H861 // ASA 3723553 // 1/2 SM 1/2 AN BLACK, HOMO POLLED WBF IRON CLAD E053 COW MILK CE BW WW YW MCE MWW 153.8 -0.8 27.8 74.9 94.2 1.6 7.9 MARB RFA D00 CW YG API 13.9 -0.07 0.26 77.2 55.1 108.6 0.54



J402 ASA 3889809



J456 ASA 3889856

J476

ASA 3889875





J465 ASA 3889865

THE WILDBERRY FARMS ADVANTAGE...

J408

ASA 3889813

- Balanced trait bulls sorted for structural soundness, growth, calving ease, maternal values, carcass traits and disposition.
- Developed in large groups on a high roughage TMR to ensure longevity.
- Semen checked and carry a first breeding season guarantee.
- Volume discounts and free delivery within the first 200 miles on all bull purchases.

ASA 3889868

- Visit www.wildberryfarms.net for updated information on the sale. Follow Wildberry Farms Simmentals on FaceBook.
 - Follow Wildberry Farms Simmentals on FaceBook.
- ok.



J016 // ASA 3889637 // 3/4 SM 1/4 AN BLACK, POLLED MR SR HIGHLIFE G1609 BULL

CE	BW	WW	YW	MCE	MILK	MWW
16.9	-0.4	95.5	147.9	9.1	30.5	78.2
DOC	CW	YG	MARB	REA	API	TI
13.6	46.4	-0.32	0.39	0.96	156.9	94.9



J018 // ASA 3889639 // 1/2 SM 1/2 AN BLACK, POLLED WERNER FLAT TOP 4136 BULL MWW CE 18.1 MCE MILK BW WW YW -27 72.1 123.2 11.6 30.8 66.8 MARB API TI CW REA YG 88 29.8 -0.07 0.57 0 37 157.2 87.8



J085 // ASA 3889701 // 5/8 SM 3/8 AN

BLACK, P	OLLED KB	HR HIGH	HEAT GO8	7 BULL		
CE	BW	WW	YW	MCE	MILK	MWW
16.6	-1.7	74.6	121	9.9	31.3	68.6
DOC	CW	YG	MARB	REA	API	TI
14.4	38.9	-0.24	0.66	0.88	166.3	90.7



J055 // ASA 3889672 // PB SM

BLAG	CK, P	OLLED KB	HR HIGH	HEAT GO8	7 BULL		
0	E	BW	WW	YW	MCE	MILK	MWW
18	3.2	-2.4	71.3	112.7	10.4	25.1	60.7
D	00	CW	YG	MARB	REA	API	TI
15	5.1	33.9	-0.42	0.41	1.01	167.5	87.9



MILK

30.7

API

146.1

MWW

62.3

TI

78.1

J096 // ASA 3889712 // PB SM **RED, POLLED PBF RED PAINT F88 BULL** Œ BW WW YW MCE 14.6 -1.2 63.3 91.5 7.6 DOC MARB REA CW

-0.25

1.9

22.3



J043 // ASA 3889661 // PB SM BLACK, POLLED CLRS DIVIDEND 405D BULL MCE MWW CE BW WW YW MILK 12.3 0.9 124.9 6.1 17.9 59.4 83 DOC MARB REA API CW YG 8.7 32.1 -0.28 0.22 0.72 144.8 83.8



J135 // ASA 3889748 // 1/2 SM 3/8 AN 1/8 AR BLACK, HOMO POLLED GW MARLBORO MAN 973G BULL MCE MWW CE RW WW YW MILK 11 78.8 128.2 93 22.3 61.6 MARR DOC CW YG RFA API TL 15.7 40.8 -0.07 0.52 0.45 150.4 84.3



0.32

0.45

J013 // ASA 3889634 // PB SM BLACK, HOMO POLLED WBF FIRST RESPONSE F029 BULL MILK MCE MWW CE BW WW YW 13.9 1.4 8.5 27.7 68.9 82.5 TI DOC CW YG MARB RFA API 17.4 40.2 -0.33 0.29 0.94 137.9 81.9



J040 // ASA 3889658 // 3/4 SM 1/4 AN BLACK, HOMO POLLED SFG COWBOY LOGIC D627 BULL CE BW WW YW MCE MILK MWW 13.4 0.7 23.4 83.3 129 6.4 65 000 CW YG MARB REA API n 14.1 47.3 -0.18 0.35 0.61 142.8 83.3

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AD INDEX

Utah
Yardley Cattle Company9
Virginia
Fall Focus
Gingerich Family Farms
McDonald Farms
Virginia Simmental Association

Washington

-			
Trinity Farms	 	 	 78

West Virginia

Wisconsin

ABS [®] Global, Inc 1, 19, 78, 97, IBC
GENEX™
Wisconsin Beef Improvement Association

Wyoming

Black Summit.	• •	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	47	΄,	7	8

Canada

Rocky Meadow Ranch			•	•					•		•		•	•		•	•	•		•				22	2
--------------------	--	--	---	---	--	--	--	--	---	--	---	--	---	---	--	---	---	---	--	---	--	--	--	----	---

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American Simmental Association IFC, 26, 30, 36
American Simmental-Simbrah Foundation 49
Fullblood Simmental Fleckvieh Federation, The 70
International Genetic Solutions (IGS) 36, 76, 80, 87
Ohio Simmental Association
Virginia Simmental Association
Wisconsin Beef Improvement Association 68

Livestock Services

ABS [®] Global, Inc. 1, 19, 78, 97, IBC All Purpose Index (\$API) 83 Allied Genetic Resources 14, 19, 25, 29, 35, 47,
BigIron Auctions. 41 C-Lock Inc. 92
Carcass Expansion Project (CXP)81
Carcass Merit Program (CMP) IFC, 29, 53, 74, 78
Cattle USA
Cattle Visions 10, 11, 27, 40, 45, 78, 79, 85, 88, 89
CCI.Live
Classifieds
DP Sales Management LLC 31, 33, 39, 93
DVAuction
Eberspacher Enterprises Inc 57, 59, 61, 63, 67
Fall Focus
Fullblood Simmental Fleckvieh Federation, The 70
Gene Brokers LLC
GENEX [™]
IGS Feeder Profit Calculator [™]
IGS Multi-breed Genetic Evaluation
International Genetic Solutions (IGS) 36, 76, 80, 87
Layton Auction Services, LLC
LiveAuctions.TV7, 57, 59, 61, 67, 73
Select Sires®, Inc
Sheridan Realty & Auction Co
Shipman, Jered, Auctioneer
Simbrah-SimGenetics Feedout 2022
Superior Productions
Suther Feeds, Inc
Terminal Index (\$TI)
Total Herd Enrollment
(THE)

Miscellaneous

All Purpose Index (\$API)
ASA DNA
ASA Performance Advocate 29, 74, 78, 92, 96
ASA Publication, Inc
Calf Crop Genomics (CCG)
Carcass Expansion Project (CXP)81
Carcass Merit Program (CMP) IFC, 29, 53, 74, 78
Check Us Out Online
Classifieds
Cow Herd DNA Roundup (CHR) 81
Fall Focus
IGS Feeder Profit Calculator™
Maternal Traits
Reduction in Foundation Animal Registration Fees 48
Sales Call
SimAngus™
SimGenetics Profit Through
Science 26, 30, 36, 38, 248, 53, 62, 71, 75, 98
<i>SimTalk</i>
Terminal Index (\$TI)83
Terminal Traits
Total Herd Enrollment
(THE) 29, 38, 72, 74, 76, 78, 81, 92
Walton-Berry Graduate Student Support Grant 49

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STI

108.7

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 ASA# 3789447
 || PB SM

 CE
 YW
 SAPI

 18.1
 142.1
 193.9



 GIBBS 7382E BROAD RANGE

 ASA# 3404807 || PB SM

 CE
 YW
 SAPI
 STI

 15.0
 152.0
 153.8
 94.5



GIBBS 9114G ESSENTIAL ASA# 3716905 || PB SM CE YW SAPI STI 11.6 180.1 169.7 107.8



 MR SR HIGHLIFE G1609

 ASA# 3568376
 || PB SM

 CE
 YW
 SAPI
 STI

 14.8
 148.1
 157.5
 94.7

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 CE
 YW
 SAPI

 17.0
 156.4
 180.0

STI

107.8



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 CE
 YW
 SAPI
 STI

 9.9
 151.4
 153.9
 94.9





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Thank you to Fred Smith Company Ranch and All Beef, LLC for your purchase of Lot 1, GW 555J (ASA 3877088).



Thank you to ABS Global, All Beef, LLC and Triangle J Ranch for your purchase of Lot 7, GW 285J (ASA 3875084).



Thank you to Walkin 5 Ranch for your purchase of Lot 27, GW 233J (ASA 3877152).



Thank you to Deckert Simmentals for your purchase of Lot 19, GW 731J (ASA 3875016).



Thank you to Cow Camp Ranch for your purchase of Lot 4, GW 491J (ASA 3876744).

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