Serving the Simmental and Simbrah Breeds

February 2023

e de la conster

Filling the Niche for Bulls

708

Schooley Cattle Company, Bloomfield, Iowa, focuses on raising SimGenetics cattle with structure, phenotype, performance, and the numbers to back it up. Page 14

Inside

Six Elected to ASA Board of Trustees The Case for Commercial Composite Cattle, Part 1 Breeding Composite Seedstock, Part 1 Purebred Simbrah Classifications Notice

THE LOSS WAY FOR SIMMENTAL BREEDERS TO ORGANIZE AND TRACK CATTLE RECORDS

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- Sired by the high customer satisfaction sire for muscle and maternal, COMMAND
- Heavily used young sire in the Cow Camp program for his maternal contribution
- Impressive on the hoof for his stature, mass and muscle Exceptional Calving Ease to Yearling spread with superior
- marbling and top 5% for API and top 15% for TI
- His donor dam is a rising star in the CCR program
- DNA tested homozygous black, homozygous polled, 1/2 SM, 1/2 AN

Sexce



Son - CCR Commander 7642H, Shane Poe, MO

TRAIT	CE	BW	WW	YW	ADG	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	SHR	\$API	\$TI
EPD	+14.0	+0.1	+82.0	+126.0	+.27	+7.0	+24.0	+64.9	+23.6	+14.6	+46.0	14	+.65	+.000	+.91	32	\$171	\$90
ACC	.60	.74	.71	.71	.71	.33	.23	.35	.33	.59	.59	.45	.55	.49	.54	.00	31/1	290
%	30	1212/27/27/2	35	35		ABN 18 10		35	1	25	15		10		15		5	15
VA tested	AMF, CAF,	DDF, NH	F, OHF, OS	SF, DLF, Ho	omozygou	s Black, H	lomozygo	us Polled								EPDs as o	of 1/3/2023	3 TC



TJ ARROWHEAD 263G ASA 3582558 K C F BENNETT HOMESTEAD x MR NLC UPGRADE U8676

ANOTHER ARROW FOR YOUR HERD BUILDING OUIVER

- A truly thick and massive SimAngus[™] sire who is one of the most popular rising stars in the industry
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- Dam and MGD are the famed donors TJ 22X and MS MISS 306R, makers of herd sires and donors alike
- First progeny displays his thickness and muscle shape while proving his 4 Star calving ease with breed leading indexes

Sexcel

 DNA tested homozygous black, homozygous polled, 1/2 SM, 1/2 AN



Daughter - TJ 133K, Triangle J Ranch, NE

TRAIT	CE	BW	WW	YW	ADG	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	SHR	\$API	\$TI
EPD	+20.0	-5.0	+89.0	+138.0	+.31	+12.0	+34.0	+78.4	+12.0	+12.4	+50.0	24	+.45	051	+.89		\$157	\$98
ACC	.65	.77	.71	.71	.71	.38	.29	.40	.34	.50	.53	.42	.49	.44	.51			\$30
%	1	2	15	20	25	3	1	2			10		30	35	20		15	3
NA tested	AMF. CAF.	DDF, NH	F. OHF. OS	F. DLF. Ho	mozvgou	s Black, H	lomozvgo	us Polled								EPDs as o	of 1/3/2023	3 TOP 35%

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COW SENSE

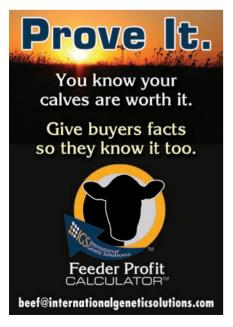
Ten questions to test your beef industry knowledge:

- 1. Which vitamin is required for bone formation, and for maintaining the skin and the lining of the mouth and eye?
- 2. Name the four stomach compartments of a ruminant.
- 3. During which trimester of the pregnancy does the calf gain the most weight?
- 4. What is the common term for describing the bull's sex drive?
- 5. What are the three generally recognized strains of Simmental in France?
- 6. What is the approximate per capita consumption of retail beef?
- 7. An infectious disease of cattle, commonly known as Brucellosis, is also known by what other name?
- 8. In which part of the female reproductive tract are the eggs produced?
- 9. The condition in cattle known as "grass tetany" is caused by a deficiency of what mineral?
- 10. What is the common name given to the determination of pregnancy in cows by feeling the reproductive tract?

Answers:

.10. Palpation.

I. Vitamin A; 2. Rumen, Omasum, Reticulum, Abomasum; 3. Third;
4. Libido; 5. Pie Rouge, Montbeliard, Abondance; 6. 67–70 pounds; 7. Bang's Disease; 8. Ovaries; 9. Magnesium;



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the Register ◆ February 2023 ◆ Volume 36, Number 5



ASA Spotlight

Filling the Niche for Bulls

by Sarah Hill

Register

Schooley Cattle Company, Bloomfield, Iowa, focuses on raising SimGenetics cattle with structure, phenotype, performance, and the numbers to back it up.

20 Six Elected to ASA Board of Trustees

by ASA Staff

Six longtime Simmental breeders have been elected to the ASA Board of Trustees.



by Rick Bourdon, Colorado State University

Understanding composite cattle and their value in the commercial industry. Part one of a two-part series.





24 Breeding Composite Seedstock, Part 1

by Rick Bourdon, Colorado State University

The fundamentals of breeding foundational composite seedstock. Part one of a two-part series.

30 Purebred Simbrah Classifications Notice

by ASA Staff

The ASA Board of Trustees has clarified the registration requirements for purebred and percentage Simbrah animals.



HONOR GUARD is the red sire everyone has been begging for! He is a calving ease sire that offers above average growth, great maternal indicators, top-ranking carcass traits and elite index predictors. He offers seven different traits in the top 10% or higher. His data is undeniable but it's the phenotype that draws you in. HONOR GUARD is very athletic, with great feet, an attractive look and extra muscle shape. Study the support pictures closely, they are the real deal!

	CE	BW	WW	YW	ADG	MCE	MILK	MWW	STAY	DOC	CW	MARB	BF	REA	API	TI
EPD	18.3	-1.3	89	128.7	.25	9.7	22.6	67	27.4	12.2	31.2	.48	08	1.11	190.7	97.7
Acc	.47	.56	.52	.51	.51	.25	.18	.29	.30	.43	.41	.39	.33	.38		
% Rank	(1)	(10)	15	25	45	(3)	60	30	(1)	40	40	(5)	75	15		(3)

EPDs as of 12/9/22

SIRES Conception. Calving Ease. Carcass. Cows.

SELECT



HONOR GUARD photo reversed.

CHECK US OUT ONLINE



Simbrah Registry – Breed Classification: Notice of New HerdBook Programming Logic for Purebred Simbrah Classifications.

September of this 9 concern regarding, SA were notified of a concern regarding, waterdo. Upon an in-depth review, ASA determined tracket the programming logic in HerdBock Services that the programming logic in HerdBock Services (herdbock.on) from 2013, gave an animal a Pure Smbrah classification where another interpretation simbrah classification where another interpretation

Simbrah. The ASA Board met on Monday, November 28, 2022 and passed two resolutions which clarified the interpretation of the programming logit to be used for interpretation of the programming logit to be used for simbrah Registry — Breed Classification and the clarification and the clarification and simbrah Registry — Street Classification and the clarification of the clarification of the clarification provided for the implementation of the clarification

The updated programming logic was impained becember 15, 2022, (the "2022 Programming Logic and the police base.

www.simmental.org

Have you visited simmental.org lately?

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.

simmental.org makes it easy for you.

Sections include:

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

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Spring calving is in full swing across the country. Photo by Josh Hook, Tracy, Minnesota.

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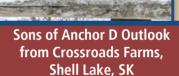
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Anchor D Outlook 255D

Contraction of





ASA#: 4035361 • CSA# 1219254 • Full Fleckvieh • Horned

			Direct	Maternal								\$ Index						
Trait	CE	BW	ww	YW	ADG	MCE	Milk	MWW	Stay	DOC	CW	YG	Marb	Fat	REA	Shr	API	TI
EPD	12.5	2.4	68.4	103.5	.22	5.1	43.4	77.5	17.9	9.8	20.3	54	04	133	.80	-		
ACC	.16	.18	.17	.17	.17	.12	.12	.15	.11	.15	.15	.11	.11	.10	.14	-		
%	3	10			15	20	3	15	10								2	20
					_	_						_				E	PD as of	1.4.2023

Virginia Radison 5Z Sire: Virginia Precision 16C Brock Yoda FGAF Barbossa 707X Dam: Anchor D Kael 255C Anchor D Ruby Red 198A

- 100% Full Fleckvieh, Non-Diluter
- Proven across Canada, Now available in the United States
- BW: 72 lbs.
- Top 20% for calving ease
- Stylish and uniform progeny with excellent growth
- Excellent udders on daughters
- Sons averaged over \$9,000 in '21 Crossroads Farms bull sale to commercial producers

"I would say they are the best Full Fleckvieh calves I have ever raised."

- Mike McCart, Alliance Simmental Farms, Ontario, CA.

U.S. Semen available through Ruby Lane Farm



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Crossroad Omaha 74H



Outlook daughter – recently sold in Canada for \$70,000



Dam – Anchor D Kael 255C



by Maureen Mai, Western Region

Raising Beef and Future Adults

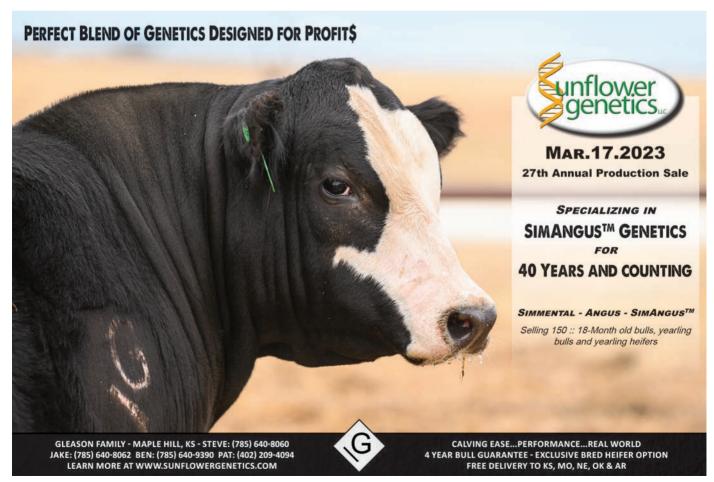
There are so many views to point at as we roll into the New Year that I had a hard time choosing. Kids usually rank high on my importance list, so the youth won this month.

The AJSA program is amazing! I thought it was amazing when I went through it... a while ago. I have been and will continue as a firm believer that money spent on youth programs is WELL spent. I have had numerous people ask me during the years why I go to shows or haul kids around the country to a "cow show." Do you make any money? After I chuckle, I quickly respond that I'm not really doing this for "my" cattle but making better humans for the future.

Kids choosing their favorite heifer or steer is only the beginning. They then feed, water, walk, and clean up after the animal daily. They make feed decisions to get their animal to look ideal. During our travels the kids see parts of the country they likely have never seen. They ask questions about unfamiliar crops growing in the fields. They ask why some cattle stand in ponds. If I don't know, Google usually does. We study contest questions during the long drives. Hours of animal science and husbandry questions are answered, looked up, and understood as we cruise down the road. We talk about their animals. The heifer's pedigree, breeding date, why they choose a specific bull to breed her to. What concessions will they make to "sell" that animal in the Sales Talk competition, or in real life? If it's their steer, what should the buyer expect for pounds of meat, taste, tenderness, etc.? What does the science on their registration papers tell them to help sell that animal? Once at the event, again the kids plan the set-up and act. During the move-in process, they talk to various kids, and ADULTS.

My favorite story is of the neighbor kid I hauled for years. He cried during Public Speaking at his first Regional Classic. At his second, he cried after the Sales Talk and mentioned he hated me for making him talk in front of people (two very nice judges). He placed in one of the two speaking events in his third Regional Classic. At his fourth, he won one and placed very high in the other speaking competition. Eventually he got an education degree and joined the Peace Corps to teach kids.

So, the moral to my story is, I don't need to talk about the show ring to talk about the success of the AJSA program. If we raise kids who are confident in making decisions, capable of speaking to people, understand time management, realize responsibility, and cherish the true purpose of the beef industry, then I feel this is a win. Not only a win for me to have something to write about this month, but a win in developing great people to carry on and create a brighter future for the beef industry. No matter what direction these kids go, the traits learned through AJSA are all traits our society desperately needs.





CALVING EASE SIRE SUPREME! The 2016 NWSS Supreme Champion PB Simmental bull, had the #1 highest semen sales of any Simmental or Angus bulls for Cattle Visions in 2021. His calves are stylish and correct with growth, performance, eye appeal, exceptional udders, ideal feet and leg structure. Many powerful Lover Boy sons and grandsons will sell in this offering. 90 years of living, 55 years of A.I.ing the best to the best, and 50 years of bull sales with emphasis on low maintenance, high performance cattle loaded with eye appeal, structural soundness, fleshing ability, carcass and maternal traits has produced a cow herd and consistency second to none!

YARDLEY 50TH ANNUAL Elite BULL SALE

200 HEAD OF ELITE SIMMENTAL, ANGUS AND MAINE ANJOU BULLS



YOU'RE INVITED! This year will mark the 90th birthday of Simmental's seed stock legend, Gib Yardley; It will also be Yardley Cattle Company's 50th annual bull sale! In honor of these milestones, we would like to invite you to come celebrate with us. FRIDAY, MARCH 10th 6:00 pm in Beaver UT, we will be putting on a concert and reception style party to recognize and honor this great man and icon in the cattle industry. We hope to see you there!



Y1 Highlight X Stepping Stone 5/8 SM 1/4 AN, BW: 89 WW: 789



Y1 Highlight X Y1 North Force 5/8 SM 3/8 AN, BW: 90 WW: 705



GCC Shocker X Stepping Stone 1/2 SM 1/2 AN, BW: 90 WW: 792



Y1 Abundance X Lover Boy 1/2 SM 1/2 AN, BW: 78 WW: 809



Y1 Challenger X Primo PB AN, BW: 95 WW: 783



Y1 Achievement X Y1 North Force PB SM, BW: 78 WW: 764

SATURDAY • MARCH 11, 2023

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by Luke Bowman, director of SimGenetic Development

Lean into Learning from the SimSpecialists

ASA is fortunate to have a team of beef industry professionals, with a wide variety of experience, available to represent the Simmental breed. The ASA Educational Specialists or "SimSpecialists" team covers the US attending sales, presenting at

educational events, and serving as a resource for seedstock and commercial breeders alike.

Members of the ASA can qualify to have a SimSpecialist at their sale or event based on meeting one of five minimum criteria:

- 1. \$2,500 spent with ASA Publication
- 2. \$3,500 spent on ASA business (registrations, transfers, etc.)
- 3. Crowd of 30 or more and allow ASA to speak for 30 minutes of the program
- 4. \$500 "buy a day"
- 5. State Association Day field day

Many of the SimSpecialists have storied histories working around the country in all aspects of the beef industry — we have nutritionists and reproductive physiologists, all the way to meat

scientists on the team. Many are professional educators, and all are well-known throughout their state and region for being experts in beef cattle production; however, the team's expertise doesn't come only with retired university faculty. We have folks who ranch full-time and can understand the day-in and day-outs of our membership and the challenges they face.

The model works because these are experienced professionals with a drive to improve the genetic business for our membership and their customers, and the program ties in closely with the Mission Statement of the ASA. They are not wet-behind-the-ears-kids who learn while on the go; they have a grip on the seedstock and commercial industries in their given territory and are extremely objective in their counsel and communication.

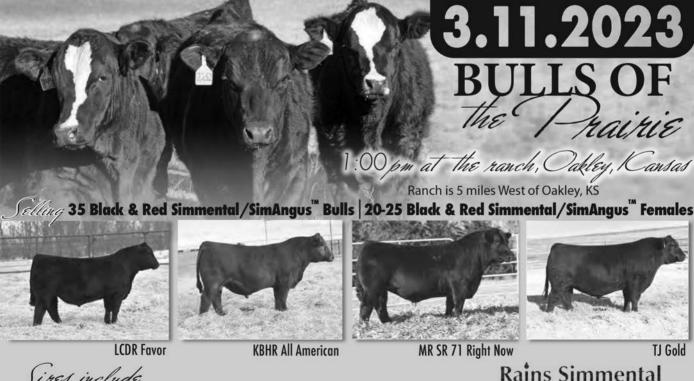
I challenge ASA members and SimGenetics customers alike to get to know the SimSpecialist who covers their territory. These men and women continue to get to know the populous in their region with each event and see cattle and genetic evaluation very well. They are a great option to learn from when discussing ASA programs and the latest science and technology programs coming out of the Bozeman office.

Mike & Celeste Rains & Family

Mason, Macoy, McKellen, Morgan

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Mike Rains 785.672.7129 • McKellen Rains 785.953.0575 RainsSimmental@gmail.com



Call, text or email to

request sale book!

Sites include KBHR All American, MR SR 71 Right Now, TJ Gold, LCDR Favor,

W/C Executive Order, WS Proclamation, KBHR High Road, OMF Epic,

ASR Longevity, Hook's Eagle, Hook's Bozeman, LCDR Progressive

10 Register / February 2023



Raising Simmental since 1968, Charolais since 1958. We would like to thank our new and returning customers.



 BUCR MIr Kosmo K2 ET

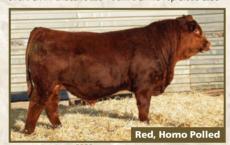
 ASA# (4118886)
 BW
 WW
 Milk

 BD: 1/25/22
 3.7
 99
 154
 32

 Adj. 205 WT: 881 lbs. • WWR: ET
 MWW
 \$API
 \$TI

 Adj. 365 WT: 1,669 lbs.
 81
 135
 90

 Sire: DCR Mr Exclusive E28 • Dam: DCR Ms Top Grade C238



 BUCR MIR Killian K70

 ASA# 4118728

 BD: 2/6/26

 -3.4

 Adj. 205 WT: 864 lbs. • WWR: 108

 Adj. 365 WT: 1,399 lbs. • YWR: 106

 T1

 T77

 Sire: DCR Mr Hard Impact H69 • Dam: DCR Miss Imperial H95



 BUCR Mr Kelso K179

 AsA# 4118817
 BW
 WW
 YW
 Milk

 BD: 2/16/22
 5
 106
 174
 33

 Adj. 205 WT: 898 lbs. • WWR: 112
 MWW
 \$API
 \$TI

 Adj. 365 WT: 1,555 lbs. • YWR: 114
 86
 127
 89

 Sire: KS Vanderbilt G220 • Dam: DCR Ms Decided G120
 State State



 BUCR Mir Kermit K384

 ASA# 4118815
 BW
 WW
 YW
 Milk

 BD: 3/11/22
 5.4
 97
 154
 33

 Adj. 205 WT: 918 lbs. • WWR: 114
 MWW
 SAPI
 STI

 Adj. 365 WT: 1,541 lbs. • YWR: 113
 81
 114
 82

 Sire: DCR Mr Gizzmo Red G380 • Dam: DCR Ms Decided F581



 BUCR MIr Kooper K56

 AsA# 4118754
 BW
 WW
 YW
 Milk

 BD: 2/4/22
 1.5
 105
 160
 27

 Adj. 205 WT: 825 lbs. • WWR: 103
 MWW
 \$API
 \$TI

 Adj. 365 WT: 1,353 lbs. • YWR: 102
 79
 154
 96

 Sire: Mr SR Highlife G1609 • Dam: DCR Miss Attraction H119



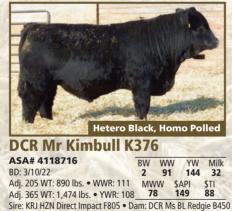
 BUCR Mr Kurkland
 K170 ET

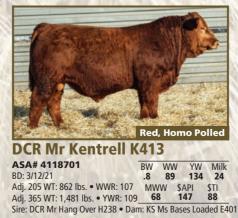
 ASA# 4118894
 BU: 2/14/22
 BW
 YW
 Milk

 Adj. 205 WT: 781 lbs. • WWR: ET
 MWW
 SAPI
 \$TI

 Adj. 365 WT: 1,374 lbs.
 T1
 123
 79

 Sire: DCR Mr Main Attraction E18 • Dam: KLSR Miss United C501
 Sure C501
 Sure C501





www.dollfarms.com



43rd Annual Production Sale Tuesday, March 7, 2023

I:30 p.m. CST Kist Livestock, Mandan, ND

Selling Top-Genetics for Both Breeds!

> 60 Simmentals 90 Charolais 5 Open Females from both breeds

> > Other Sires:

IR Imperial D948 Boundary Motley 77F CDI Xpected Revival RFS Force F35 Bridle Bit Resource G9117 DCR Mr Finnigan F446 DKSR Mr Batman H290 CRS Walker 61G Hook's Black Hawk 50B DCR Mr Benchmark F113

Doll

Simmental Ranch

3991 36th St. New Salem, ND 58563 Charles & Pamela Doll 701-843-8673 dollboyz@westriv.com Harlan & Jodie Doll 701-843-8771

David & Donna Doll 701-843-7947 dollfarm@westriv.com

EPD as of 1.10.23

The genetics worth waiting for!



Thursday, March 2, 2023 1:00 p.m., At the Ranch, Mandan, ND SELLING 200 HEAD

120 High-Performance Red & Black Simmental & SimAngus[™] Bulls and 80 Red & Black Simmental & SimAngus[™] Heifers



K016 - Reg# (4104134) PB SM - Homo Black - Homo Polled TJ 50K 485H x WS MISS SUGAR C4 CE 12.0 BW -1.1 WW 88.1 YW 138.3 MCE 5.0 M 35.6 MWW 79.6 API 161.9 TI 95.9



K048 - Reg# (4104166) PB SM - Homo Black - Homo Polled GIBBS 9114G ESSENTIAL x BAR CK MS X38 106Z CE 15.7 BW -3.7 WW 69.8 YW 114.4 MCE 11.6 M 24.7 MWW 59.6 API 179.9 TI 90.4



K056 - Reg# (4104174) PB SM - Homo Black - Homo Polled CLRS GUARDIAN 317G x KBHR DEBUTANTE H113 CE 15.6 BW -3.7 WW 85.4 YW 127.1 MCE 10.5 M 28.8 MWW 71.5 API 201.7 TI 104.9



K079 - Reg# (4104197) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR E197 CE 15.7 BW -1.9 WW 87.9 YW 130.0 MCE 10.4 M 27.3 MWW 71.2 API 192.7 TI 102.8



K086 - Reg# (4104204) PB SM WS PREMIERE 26G x WS ELECTRA E88 CE 16.0 BW -1.1 WW 83.8 YW 128.9 MCE 8.9 M 29.7 MWW 71.5 API 157.8 TI 90.7



K087 - Reg# (4104205) PB SM - Homo Black - Homo Polled TJ 50K 485H x WS MISS SUGAR C4 CE 10.6 BW 1.1 WW 94.2 YW 143.6 MCE 4.4 M 35.6 MWW 82.7 API 165.9 TI 99.8



K093 - Reg# (4104211) PB SM - Homo Black - Homo Polled KBHR CIMARRON F151 x WS MISS SUGAR C4 CE 18.2 BW -1.9 WW 84.0 YW 128.6 MCE 11.3 M 29.7 MWW 71.6 API 189.6 TI 102.9



K102 - Reg# (4104220) PB SM - Homo Polled MR SR RED OCTOBER G1761 x WS ELECTRA E88 CE 20.2 BW -4.6 WW 74.6 YW 115.7 MCE 11.5 M 26.1 MWW 63.3 API 207.2 TI 102.5



K109 - Reg# (4104227) 3/4 SM 1/4 AN - Homo Black - Homo Polled HOOK'S EAGLE 6E x KBHR G262 MS NIGHTRIDE CE 15.2 BW -2.7 WW 83.3 YW 129.6 MCE 7.3 M 20.5 MWW 62.1 API 190.5 TI 100.2



Dwight, Susan & Jake Keller — Luke & Katy Keller — Tessa & Thomas Osterbauer 701-471-5215 Dwight • 701-471-1142 Luke • 701-471-5065 Jake • 701-445-7350 Home 1573 55th St., Mandan, ND 58554 • kbhr@westriv.com • www.kbhrsimmental.com

EPDs as of 1/11/23

DVAuction



K113 - Reg# (4104231) 3/4 SM 1/4 AN - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR G026 MS MOMENTUM CE 13.7 BW 1.2 WW 97.0 YW 149.2 MCE 5.0 M 29.0 MWW 77.5 API 168.9 TI 101.3



K120 - Reg# (4104238) PB SM - Homo Black - Homo Polled TJ 50K 485H x WS MISS SUGAR C4 CE 13.0 BW -0.3 WW 93.3 YW 146.7 MCE 6.0 M 35.6 MWW 82.2 API 169.0 TI 97.7



K126 - Reg# (4104244) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x BAR CK MS X38 106Z CE 14.9 BW -0.7 WW 92.8 YW 148.4 MCE 10.0 M 25.6 MWW 72.0 API 184.7 TI 104.7



K127 - Reg# (4104245) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR E197 CE 14.9 BW -0.2 WW 98.9 YW 143.9 MCE 9.9 M 27.3 MWW 76.7 API 183.4 TI 107.4



K132 - Reg# (4104250) 3/4 SM 1/4 AR - Homo Polled KBHR ALL AMERICAN G104 x KBHR F065 CE 11.3 BW -0.1 WW 77.6 YW 117.8 MCE 6.1 M 26.3 MWW 65.1 API 147.6 TI 863.9



K140 - Reg# (4104258) PB SM - Homo Black - Homo Polled HOOK'S EAGLE 6E x KBHR DEBUTANTE H113 CE 16.2 BW -3.6 WW 90.5 YW 139.9 MCE 8.9 M 23.1 MWW 68.3 API 196.3 TI 104.6



K157 - Reg# (4104275) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR E197 CE 15.3 BW -1.4 WW 87.7 YW 131.5 MCE 10.3 M 27.3 MWW 71.1 API 185.8 TI 102.6



K167 - Reg# (4104285) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR DEBUTANTE H113 CE 13.8 BW 1.5 WW 109.8 YW 170.9 MCE 8.6 M 28.2 MWW 83.0 API 190.3 TI 113.3



K185 - Reg# (4104303) PB SM - Homo Black - Homo Polled GIBBS 9114G ESSENTIAL x KBHR MEDORA G132 CE 16.8 BW -104 WW 93.2 YW 149.6 MCE 10.9 M 27.3 MWW 73.8 API 197.7 TI 108.5



K223 - Reg# (4104341) PB SM - Homo Black - Homo Polled KBHR REVOLUTION H071 x KBHR MEDORA G132 CE 15.8 BW -0.8 WW 90.0 YW 142.6 MCE 9.6 M 28.1 MWW 73.1 API 201.4 TI 110.2

aut.



204K - Reg# 4115564 PB SM - Homo Black - Homo Polled HOOK'S GALILEO 210G x KBHR DEBUTANTE H113 CE 16.7 BW -0.8 WW 94.8 YW 154.8 MCE 11.9 M 31.0 MWW 78.4 API 199.1 TI 112.5



235K - Reg# (4087946) 3/4 SM 1/4 AN - Homo Black - Homo Polled CLRS HOMELAND 327H x KBHR IR/JLN ASTORIA G119 CE 15.0 BW -0.2 WW 83.6 YW 133.9 MCE 9.8 M 20.9 MWW 62.7 **API 179.6 TI 99.0**

Filling the Niche for Bulls

by Sarah Hill

Schooley Cattle Company, Bloomfield, Iowa, focuses on raising SimGenetics cattle with structure, phenotype, performance, and the numbers to back it up.

Sometimes, a cattle breeder sees a gap and steps in to fill that void. Roman Schooley, Schooley Cattle Company, Bloomfield, Iowa, has done just that. The third-generation sale barn operator started raising breeding stock in 2003.

Schooley's family has owned and operated Bloomfield Livestock Market for 53 years. He watched as his father and uncles tried to provide a platform for marketing producers' cattle.

Simmental Was the Perfect Choice

"I decided I wanted to start breeding Angus/Simmental cross cattle," he says. "Angus momma cows were practical, easier-doing cattle, but we needed to inject heterosis. I wanted to increase their frame, make them longer, and give them a little more substance and width."

Schooley bought 12 Angus bred heifers to start his herd, but the Simmental breed was the perfect mating choice for those females. Schooley wanted his cattle to keep a more Angus look about their head.

"We wanted the resulting calves to be more stretchy and leaner in muscle type, so they will easily feed and be managed for those trying to feed them out," he says. "Straight Angus calves can tend to be a little harder to manage because they show extra flesh too early."

Taking Off

The operation really took off after Schooley bought LLSF Pays to Believe from Lee Simmentals in Columbia, Missouri.



LLSF Pays to Believe has been integral to Schooley Cattle Company's success.

"I was trying to buy the best Simmental bull I could for the money, but had no idea what he would grow into," Schooley says. "We ended up taking him to the National Western Stock Show [NWSS] through Lee's pen of three, and he was one of the main attractions."

Over the years, Schooley has had many opportunities to sell Pays to Believe, but he's held on to the sire.

"I did everything you weren't supposed to be able to do with a herd bull," he says. "We ran Pays to Believe behind our cows, took him to the bull stud at Nichols Farms, then we took him straight from the stud to Louisville as a two-year-old and won Grand Champion Simmental Bull."

Pays to Believe only continued to increase in popularity, and Schooley took the bull's sons to compete in the NWSS pen show, and Schooley Cattle Company began making a name for itself. In 2017, the operation held its first bull sale.

Selling the Top Tier

"We sell our very best bulls," he says. "We're not keeping anything back. Our goal is to promote and offer the top tier of bull calves we raise."

Pays to Believe helped Schooley land a semen contract with Cattle Visions, and today, Schooley Cattle Company offers semen from ten different bulls.

"Bulls are our niche," he says.

Another bull that has helped Schooley Cattle Company's rise to prominence is OMF Epic E27, which Schooley bought in 2018 in the Denver stockyards. Leased to ST Genetics, Epic was one of the top two Simmental bulls for semen sales in 2022.

"We like to find sires that can make both good heifers and bulls," Schooley adds. "Cattle have to be structurally correct."

Schooley's current strategy is producing cattle with better EPD numbers. While pretty cows always catch the eye, he says that building a cow herd that implements numbers with phenotype while maintaining structural integrity is his goal.

"Early on, I didn't think you could have good structure, phenotype, and a great set of EPD," Schooley says. "Boy, was I wrong! We made it our goal to find and select the best of the best in terms of structural integrity while maintaining and moving forward with the numbers. With very stringent selection, it can be possible, and we're really close to surprising some folks." "We also raised Schooley Standout 27G, the numberone semen seller for Simmental bulls for Select Sires this year," he says. "Schooley Judgment was the highestselling bull last year."

Operation Overview

Schooley runs 375 cows and manages 2,500 acres of pastures, hay ground, and crop ground. He has been flushing cows for 15 years, implanting 150–190 embryos each spring.

"Because we own all those really good bulls, we put those guys to work," Schooley says.

First-calf heifers get artificially inseminated, while mature females have embryos implanted. Females that don't take — either with an embryo or AI — are put with bulls for cleanup. Artificial insemination and the first of three sets of implantations are done in May.

"We want the first group of heifers to calve out on February 4," Schooley says. "The last group of females is implanted in the first week of June to calve out the first week of March. Sale heifers are implanted or bred around May 10–20, so their due date is about February 15–20."

When sorting cattle, Schooley says they do not use any sorting sticks, whips, or paddles. "We just go nice and slow with the cattle."

Schooley runs his herd similarly to a commercial herd, turning the females out in May, and weaning the second or third week of August. Calves are sorted into the bull barn or heifer lot, and that's where development begins.

"We chop corn silage and put out lots of rye, chopping the rye or harvesting it in wet form and putting it in baleage," Schooley adds. "We do a lot of grass hay, too."

Schooley Cattle Company bulls are fed an amino gain developer bull pellet from ADM, which Schooley says he's been very happy with.

"It's a high protein balancer pellet, and we feel like it helps with scrotal area development," he adds. "We also feed modified distiller's grains."

Bull calves are targeted to gain three and a half pounds per day, and no more. Schooley says this is by design, as he's looking to develop athletes for his customers.

"We feel that weight gain per day helps with longevity, and we're very critical on foot and hoof shape," Schooley says. "A hot ration can hurt the bulls' feet and legs."

Operating both the sale barn and breeding operation is a family affair. Schooley's brother, Tyler, assists with the daily chores on the ranch and at the sale barn and building relationships with sale barn customers, while Tyler's wife, Kallie, helps at the sale barn and manages the meal at the Schooley Cattle Company production sale. The couple also have three children: Anderson, 10; Tytan, 7; and Quinlee, 5. Roman's wife, Liz, helps with bookkeeping, and they also have three children: Hannah, 20; Haven, 17; and Houstin, 15.



Top: Schooley picked Simmental genetics to add heterosis, growth, and substance to his Angus-based cow herd. **Middle top:** Schooley Dinero at the NWSS. **Middle bottom:** Schooley Miss 300A, an influential female for the Schooley program. **Bottom:** The Schooley family is focused on raising cattle that are functional and structurally sound.

(Continued on page 16)

Filling the Niche for Bulls

(Continued from page 15)

"The kids help a lot during calving season, picturing the cattle, and recording video," Schooley says.

Herdsman Gary Gabel provides Schooley the freedom to travel the country to evaluate progeny from different sire groups.

"Gary takes ownership in our program, and we are very fortunate to have him," Schooley notes.

Forward-Minded Genetics

At the February 2023 production sale, Schooley Cattle Company will be selling 85 bulls and 50 bred females. Close to 95% of those bulls will return to Bloomfield Livestock Market as feeder calves, as the majority of cattle are sold to Iowa buyers, but the operation has begun branching out more to Illinois, Missouri, South Dakota, and even Texas.

"Helping our commercial customers with forwardminded genetics to help produce the optimal bovine for the times is what excites me the most about the beef cattle industry," Schooley says. "We want genetic progress while maintaining structural integrity." Raising high-quality stud bulls has allowed Schooley to build relationships with breeders from all across the country, including many ranches in the West that are looking for high-performing, sound bulls.

Schooley notes that the most important lesson he's learned in the business is to always treat people fairly and consistently and be responsive, as those are the two keys to building strong customer relationships.

"The way my dad interacted with producers and was always honest and had their best interest in mind helped me learn to build relationships to turn producers into loyal, lifetime customers," Schooley says.



Sarah Hill lives near Brookings, SD, on a hobby farm with her husband, Braeton, and their three daughters. Sarah grew up on a Missouri dairy farm and has a degree in Agricultural Journalism from the University of Missouri. She enjoys reading, cooking, and gardening.



RINCKER SIMMENTALS SWEET 16 ONLINE BULL & FEMALE SALE

March 6th, 2023 on SC Online "Sale End Time at 7PM Central"



Lot 1 - RS Remedy 711K ASA 4130504 Jan 2022 PB by SO Remedy 7F Homo Black, Homo Polled



Lot 2 - RS Robust 61K ASA 4152777 Jan 2022 PB by JSUL Sam 8421 Black, Polled



Lot 3 - RS/BR Keystone 667K ASA 4152773 Jan 2022 3/4 by SO Remedy 7F Black, Polled



Lot 4 - HILL Profit 45J ASA 3967566 Jan 2022 PB by Profit Red, Polled



Lot 5 - RS/BR Resolve 166K ASA 4152774 Jan 2022 3/4 by SO Remedy 7F Black, Polled



Lot 6 - RS/BR Ultimate 108K ASA 4152775 Jan 2022 3/4 by SO Remedy 7F Black, Polled



Lot 7 - RS/BR Authority 195K ASA 4152770 Jan 2022 3/4 by W/C Relentless 32C Black, Polled



Lot 10 - RS/BR Perpetual 106K ASA 4152778 Jan 2022 3/4 by SO Remedy 7F Black, Polled/S



Lot 8 - RS Exemplify 171K ASA 4152772 Jan 2022 PB by JSUL Sam 8421 Black, Polled



Lot 11 - RS Enterprise 109K ASA 4152769 Jan 2022 PB by JSUL Sam 8421 Black, Polled



Lot 9 - RS Remedy 633K ASA 4130503 Jan 2022 PB by SO Remedy 7F Homo Black, Homo Polled



Lot 14 - RS Bank On It 322K ASA 4152776 Jan 2022 1/2 by W/C Bankroll 811D Black, Homo Polled

Additional lots of younger aged elite show heifers selling!



Videos online at SC Online SC Reperesentative: Bodee Schlipf: 309.287.3011 Sale consultants: Larry Martin: 217.433.0242 & Greg Miller: 608.778.8785





Bulls may be viewed during the March 4, 5, and 6 Open House dates at the Rincker East Farm Bull Development Center

Curt, Pam, Cari & Brent - Shelbyville, IL Curt: 217.871.5741 - curt@rincker.com Brent: 217.246.3550



Long's Redwood H8 W/C Hoc HCC Red Answer 33B x WS Prime Beef Z8 ASA# 3784793 • Red • Homo Polled Exciting, complete, homo polled, rare Red Answer son!



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



WHF/JS/CCS Woodford J001 EGL Firesteel 103F x WHF Summer 365C ASA# 4068398 • Homo Black • Homo Polled 3/4 Simmental. NEW and exciting calving ease and outcross pedigree with outstanding phenotype out of fantastic donor Summer 365C!



BTYL Doc Holliday 202G Loaded Up x JS Black Satin 9B "Boots" donor ASA# 3565419 • Black • Homo Polled Doc Holliday is a great new baldy who was Champion Bull in Denver! Ultra sound and stout by the Boots donor!



WHF Next Up H243 Damar Next D852 x WHF Angels Envy 245A ASA# 3924191 • Red • Polled Exciting, stout, half Red Angus x Simmental out of a tremendous cow family!



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 NWSS Percentage Champion for Lee.



KRJ Dakota Outlaw G974 Rubys Turnpike 771E x BRKC Daphne DY37 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 2022!



OBCC CMFM Deplorabuli D148 W/C Executive Order x LazyH/Adkins Blkstr Z15 ASA# 3150188 • Homo Black • Homo Polled Deplorabull is the \$100,000 valued herdsire 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.



LCDR Affirmed 212H EGL Firesteel 103F x WS Miss Sugar C4 ASA# 3812282 • Homo Black • Homo Polled Use him to make those next generation Purebreds. Excellent foot shape and depth of heel.



Wood Ruthless 151H Relentless x High Regard x Aubreys BlackBlaze II ASA# 3878993 • Homo Black • Homo Polled Exciting outline and build with phenomenal cow families on both sides!

SAPI: 110 STI: 73

Longs Pay the Man E16

Great-built, stout, double-homozygous

ASA# 3327014 • Homo Black • Homo Polled

Pays to Believe x Shear Pleasure

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/Steenhoek multiple time champion WHF Summer 365C.



GEFF County O 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!



JBSF Berwick 41F Rocking P Legendary C918 x JBSF 402B ASA# 3462584 • Black • Polled Newly available and producing extremely valuable progeny across the nation!



 W/C Double Down 5014E
 T

 W/C Executive Order x Yardley Utah
 G

 ASA# 3336150 • Homo Black • Homo Polled
 A

 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.
 The stress of the stress of the stress of the rib the industry is demanding in the show room and the pastures.



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!



TSN Architect J618 G A R Home Town x TSN Miss Cowboy D350 ASA# 3928828 • Homo Black • Homo Polled The most exciting calving ease SimAngus™ in the land with top % ranks in every trait!



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!



KJK1 38 Special 801J JSUL Something About Mary 8421 x R Built To Believe 801F ASA# 3972780 • Hetero Black • Hetero Polled Cool profiled SAM son with a cool face backed by a great cow family!



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.



ALL/FCF Hot Topic 099H Profit x FCF Phyllis 532 ASA# 3926810 • Hetero Black • Homo Polled Hot Topic was the 2021 NAILE Grand Champion % Bull! His dam is one of the hottest Angus donors in the world!



LLSF Draft Pick H383 LLSF Better Believe It D64 x Kenco Steel Magnolia ASA# 3804789 • Homo Black • Homo Polled Reserve National Purebred Bull Calf Champion and leadoff in Lee's Champion Pen! Add power!



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!

Six Elected to ASA Board of Trustees

Six longtime Simmental breeders have been elected to the ASA Board of Trustees. Matt Aggen, Harmony, Minnesota, and Troy Marple, Westmoreland, Kansas, will represent the North Central region; Brandi Karisch, Starkville, Mississippi, and Scott Trennepohl, Middletown, Indiana, will represent the Eastern region; Quin LaFollette will represent the Western region; and Greg Burden, Canton, Texas, will represent the South Central region. Each was sworn in and formally seated during ASA's Annual Meeting, held in January of 2023.

Matt Aggen, Harmony, MN



Matt Aggen, Harmony, Minnesota, owns and operates Oak Meadow Farms alongside his wife, Jessica, sons, Hunter and Garrett, and parents, Dr. Lynn and Barb Aggen. Oak Meadow Farms is focused on consistently improving genetics through AI and ET, and is committed to herd health and quality management. Select bulls are marketed through their annual production sale in February. Aggen has been on the Minnesota Simmental Association Board of Directors for two terms, serving a year as president. Oak Meadow Farms has hosted state field days and donated heifers to the Minnesota Youth Beef Experience program as a part of the Minnesota Beef Expo. Aggen's sons participated in the AJSA; Hunter was on the AJSA Board of Trustees and has won Herdsman of the Year. Oak Meadow Farms exhibited the Grand Champion Pen of 3 purebred Simmental Bulls at the 2022 National Western Stock Show.

Greg Burden, Canton, TX



Greg Burden, Canton, Texas, operates GB Cattle alongside his wife, Shelly, and daughter, Presley. His grown children, Colton and Kayla, raise Simmental cattle with their grandfather at Cabin Creek Farms. He has been involved with the Simmental breed for 33 years. GB Cattle utilizes ET and AI to raise elite show heifers and emphasizes EPD in their genetic selections. Burden oversees the day-to-day operation of GB Cattle as well as marketing. Cattle are marketed through national sales, including the North American International Livestock Exposition, and through private treaty. Burden has been on the Oklahoma and Texas Simmental Associations board of directors, including time as president. He is currently on the American Simmental-Simbrah Foundation board. Burden was raised in Oklahoma, attending Oklahoma State University. Burden founded GB Marketing in 2019, and has since managed many Simmental sales including the Cowtown Classic in Fort Worth, and the Bricktown National Sale in Oklahoma City. Burden's children have all participated in the AJSA.

Brandi Karisch, Starkville, MS



Brandi Karisch, Starkville, Mississippi, owns and operates MBK Cattle alongside her husband, Matt, and children, Mason and Miles. Karisch is the Beef Extension Specialist at Mississippi State University, with special interest in applied beef cattle management and improving efficiency in beef production. She has been involved in the Simmental breed her entire life, growing up on her family's Bourg Farms and participating in the AJSA. MBK Cattle focuses on providing functional females that work in the show ring and the pasture. Cattle are marketed through several consignment sales and by private treaty. The Karisch family recently started a direct-to-consumer beef business, MK-Beef. Karisch is involved in a long list of state and national organizations, holding a number of leadership positions. Her work in Extension and involvement in agriculture have been recognized through a number of awards, including the 2022 Southern Section Animal Science Extension Award and the 2020 Mississippi Farm Bureau Farm Woman of the Year.

Quin LaFollette, Powell, WY



Quin LaFollette, Powell, Wyoming, owns and operates Black Summit Cattle alongside his wife, Tracy, and son, Gavin. They raise SimAngus cattle with a focus on producing functional, high-performance cattle that fit their environment. All females are DNA tested through the Cow Herd DNA Roundup and bulls are DNA, performance and PAP tested. Black Summit Cattle holds an annual bull sale the third Friday in March. They frequently purchase and feed customer calves in order to acquire carcass data, sharing that data in order to help customers and guide their own genetic decisions. LaFollette is an active member of the Montana Simmental Association, is a member owner of All Beef, LLC., a member of Allied Genetic Resources, and served as a collegiate judging and show team coach for 15 years. LaFollette purchased his first show heifer at eight, and has been deeply involved in the beef industry through youth organizations, college, and beyond. The LaFollette family supports a variety of youth and community organizations through the cattle company and their title companies in Park and Bighorn counties.

Troy Marple, Westmoreland, KS



Troy Marple, Westmoreland, Kansas, owns and operates M4 Simmentals alongside his wife, Nicole, and children, Logan and Laney. M4 Simmentals runs Simmental and SimAngus females, bred exclusively by ET or AI. Calving ease, growth, maternal strength, and carcass traits are a priority. Females are either retained or sold through fall sales. Bulls are marketed each spring as a part of the Gold Bullion Group's annual sale, held the first Sunday of March. M4 focuses on raising bulls that appeal to registered breeders while also meeting the needs of the commercial customer. The Marples have been advisors for the Kansas Junior Simmental Association for the last four years. Having grown up in the AJSA himself, Marple is committed to supporting youth and has been involved in leading a variety of events. He received a masters degree from Kansas State University focused on beef cattle reproduction. Marple is also involved in a number of local agricultural and youth organizations.

Scott Trennepohl, Middletown, IN



Scott Trennepohl, Middletown, Indiana, owns and operates Trennepohl Farms with his brother Jeff. He and his wife, Judy, have two daughters, Adrianne and Claire. The family runs SimGenetics cattle, producing bulls and females that are marketed through four annual sales. Each sale is catered to a variety of customers, from commercial producers seeking bulls to youth looking for a show heifer prospect. Trennepohl has been involved in state and national events for many years, including the Indiana Simmental Association Board, and the Simmental Breeders Sweepstakes Board. Trennepohl Farms has hosted educational field days and supports the AJSA and ASF. As a district director of the Indiana Farm Bureau State Board and longtime member of the organization, Trennepohl has been involved with a number of educational and advocacy efforts for state agricultural policies. He has served on his church board, and has been on the Shenandoah School Corporation Board of Trustees for the past 23 years, with 19 as president.

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The **Case** for Composite Commercial Cattle, Part 1

by Rick Bourdon, Colorado State University

"Composite" is one of the more popular buzzwords in the beef cattle industry today. Cussed and discussed, composite cattle have been accused by some of adding to the industry's product inconsistency woes and touted by others as the solution to inconsistency problems. Composites are alternately considered a threat to and an opportunity for pure breeds. For all the controversy surrounding them, however, composites are little understood. My goal in this two-part series is to explain what composites are (perhaps clearing up some misconceptions along the way) and show why they can be useful to commercial cattle producers.

What are composites?

Composite individuals. Composite cattle, sometimes called synthetics, are hybrids. They have at least two breeds in their background and often more. What distinguishes them from typical crossbreds is not their genetic make-up per se, but rather the way in which they are used. Composites are expected to be bred to their own kind, retaining a level of hybrid vigor we normally associate with traditional crossbreeding systems, but without crossbreeding.

For example, consider the standard black baldy cow. She is a hybrid, typically the result of mating a purebred Angus bull to a purebred Hereford cow or vice versa. In all likelihood she will be bred back to a purebred bull of one of the parent breeds or perhaps of a third breed. Because she is to be used as part of a conventional crossbreeding system, e.g., a rotation of some kind, we would not consider her a composite animal. However, if her owner decided to breed her to black baldy sires, saving daughters and perhaps even sons as replacements, we would have to consider her a composite. She became a composite (as opposed to simply a crossbred) because the breeder chose to mate her to her own hybrid kind with the expectation of retaining a degree of hybrid vigor without further crossbreeding.

Admittedly, this definition leaves a little to be desired. What if I have a herd of composite animals and one day I decide to breed them to terminal sires or make them part of a conventional rotational crossbreeding system? Are they still composite cows? Whether you answer yes or no depends on how strict you want to be in your definition of a composite. Being fairly liberal in this regard, I would say yes because these cows were bred to be part of a composite breeding system and still have that potential. Others may disagree.

Composite breeds. Most of our experience with composites comes from plants. Plant breeders developed composites as a practical way for farmers in third-world countries to take advantage of hybrid vigor. The new plant populations were termed synthetic varieties. The analogous term in animal populations is composite breeds. In keeping with the definition of a composite

Every breed included in the system must bring favorable attributes to the mix.



animal, a composite breed is then a breed that is made up of two or more component breeds and is designed to benefit from hybrid vigor without crossing with other breeds.

There are a number of breeds in this country that are made up of component breeds. Brangus, Santa Gertrudis, Simbrah, and RX3 are just a few examples. Whether these breeds have been bred in such a way that they retain significant hybrid vigor (i.e., whether they have successfully avoided inbreeding) remains an open question. If they have, then they can legitimately call themselves composite breeds. If they have not, then they are not composites, but simply newer breeds.

Why composites?

Perhaps the best way to answer this question is to compare the merits of a commercial breeding program involving composite cattle with the merits of more traditional systems. First, however, we need to decide how to make the comparison to set the criteria by which any given system will be evaluated. Following is a list of the criteria I would use.

Criteria for Judging a Crossbreeding Program

- 1. Merit of component breeds
- 2. Level of hybrid vigor produced (HV)
- 3. Simplicity (EASE)
- 4. Replacement considerations (REPS)
- 5. Complementarity (COMP)
- 6. Consistency of performance (CONS)

Merit of component breeds. For any crossbreeding system to be effective, the breeds in the system must be well chosen. If you were a horse breeder, for example, and were designing the ultimate crossbred stadium jumper, you would be unlikely to include the Shetland Pony as a component breed. Shetlands are simply too small to be viable candidates given the needs of stadium jumpers. The same principle applies to cattle. Every breed included in the system must bring favorable attributes to the mix. Because this is true regardless of the type of crossbreeding system, merit of component breeds is not a very useful criterion for comparing kinds of systems, and I will not, therefore, use it to compare the use of composites with other crossbreeding systems. It is an extremely important criterion, however, for evaluating any *particular* crossbreeding program.

Level of hybrid vigor produced (HV). One of the chief reasons for crossbreeding beef cattle is to take advantage of hybrid vigor or heterosis. Any worthwhile crossbreeding system must provide an adequate amount of hybrid vigor, and within the limits of practicality, the more hybrid vigor the better. **Simplicity (EASE).** Crossbreeding systems should be relatively simple in terms of resource and management requirements. Expensive systems or systems that require an unrealistically high level of management are unlikely to remain in place very long.

Replacement considerations (REPS). Some crossbreeding systems produce the replacement females needed for the cow herd. Others require replacements to be purchased or bred in a separate population. Producers should evaluate both kinds of systems from the standpoint of economics and personal preference.

Complementarity (COMP). Complementarity refers to the production of a more desirable offspring from the mating of parents that are genetically different from each other, but have *complementary* attributes. The classic example in beef cattle is "big bull-small cow" complementarity. The big bull provides growth and leanness to the offspring, the small cow requires less feed to maintain herself, and the result is a desirable market animal economically produced. We can also have growth-milk complementarity and cutability-quality complementarity to list just a couple of examples. Unlike hybrid vigor, which is a sort of gene-level magic causing a boost in the performance of hybrids, complementarity is the logical result of "mixing and matching" different biological types. Some crossbreeding systems - terminal sire systems in particular — make good use of complementarity. Other systems do not.

Consistency of performance (CONS). Ideally, a crossbreeding system should produce a consistent product. It is much easier to market a uniform set of animals than a diverse one. It is also easier to manage a cow herd that is essentially one biological type than a herd made up of several types, each with different requirements. Crossbreeding systems vary in their ability to provide consistency.

In the next article in this series, I will compare composite breeding systems with a more traditional crossbreeding system on the basis of the criteria listed above. The comparison should give you a feeling for the relative strengths and weaknesses of composite cattle.

Editor's note: This two-part series will continue in the March issue of the Register.

Breeding Composite Seedstock Part 1: Forming the Composite

by Rick Bourdon, Colorado State University

There is a growing interest among commercial cattle producers in the use of composite cattle as an alternative to crossbreeding. Naturally there is a parallel interest among seedstock breeders, many of whom are currently purebred breeders, in producing composite seedstock. What these breeders need to understand, however, is that there are fundamental differences between breeding composite seedstock and breeding purebreds. My purpose in this set of articles is to make these differences clear.

There are two underlying reasons why composite and purebred breeding differ. The first is that in composite breeding there are two distinct breeding stages: (1) forming the composite, and (2) breeding the composite once it is formed. The second reason is that in composite breeding we are interested not only in improving breeding value through selection (our sole genetic goal in purebred breeding), but also in maintaining a high level of hybrid vigor. These basic, theoretical differences between the two types of breeding spawn a number of practical differences. In this first article, I look at these differences in the context of composite breed formation. In the sequel, I look at them in the context of breeding the formed composite.

If you are not interested in creating a new composite breed, but simply want to breed cattle of an existing composite breed, the second part of this series will be most useful to you. We are at a point in time, however, when many people are contemplating creating new composites. Some of these breeds are in the initial stages of breed formation. Others are just a twinkle in a breeder's eye. In either case, the following points should be helpful.

Improving breeding value through between-breed selection

Selection of the breeds and the proportions of those breeds going into a composite is *the* critical step in composite breed formation and may well determine whether a breed succeeds or fails. If composite breeders do a carefully researched and conscientious job of between-breed selection, then the newly formed composite will not need much genetic change that can now only be achieved through slow-paced within-breed selection. In other words, if the composite is put together in such a way that it exhibits close to optimum performance in the economically important traits when it is first formed, then any genetic change following breed formation can be considered fine tuning. Following are some ideas to keep in mind when designing a composite breed. Define how the breed will be used. When companies come out with a new product they almost always know exactly how the product will be used. Without that knowledge it would be hard to both design and market the product. The same is true with composites. We need to know how the composite will be used by commercial producers. We need to define the geographical areas and environment/management niches appropriate for the composite breed.

It is also important to define how the breed will be used in the context of mating systems. Most composites are likely to be "all-around" or general purpose breeds because that is the kind of animal required for the simplest or "pure" form of commercial composite breeding systems. These breeds should be strong in all traits, or at least not weak in any important trait. They must combine good maternal characteristics with carcass quality and cutability. Other composites may be specialized maternal breeds designed to be bred to a terminal sire. They will probably be smaller, strong in maternal traits and adaptability, and have carcass characteristics and carcass quality attributes that will complement the carcass characteristics of the terminal sires. We may see specialized paternal composite breeds or terminal sire breeds for producing either the ultimate market animal or simply live calves out of first-calf heifers. Whatever the potential use for a composite breed, those who form the breed should keep that use in mind when designing the composite.

One of the unique aspects of composite breeds is that they can incorporate component breeds that most commercial producers would be reluctant to use.



By "mixing and matching" breeds in composite formation, it is possible to make use of complementarity.

Aim for optimums. There may not be optimum levels of performance for *all* traits, but common sense tells us that there are optimum levels of performance for *some* traits. Milk production and mature size come to mind right away. Clearly there are limits to the amount of milk a beef cow can efficiently produce and limits to the mature weight she can efficiently maintain. Admittedly, optimum levels for traits like these are not easy to determine, but to the extent that they can be defined, we should try to come close to them in composite breed formation. In other words, choose breeds and breed proportions in such a way that optimal levels of performance are reached in the first composite generation.

Exploit breed differences. One of the unique aspects of composite breeds is that they can incorporate component breeds that most commercial producers would be reluctant to use in any kind of a crossbreeding system involving purebred sires. Consider the Jersey breed. Jerseys have a lot to offer: excellent fertility and milk production, lovely udders, great paternal and maternal calving ease, low absolute maintenance costs, and highly marbled, tender meat. They also have a downside: slow growth rate, poor feed efficiency and carcass cutability, small carcasses, and a nasty disposition (in bulls). The negatives are enough to keep most commercial producers from using Jersey sires. However, a composite containing the right dose of Jersey combined with other component breeds that compensate for the Jersey's weak points could be really useful. In effect, by "mixing and matching" breeds in composite formation, it is possible to make use of complementarity for the production of a more desirable offspring from the mating of parents that are genetically different from each other, but have complementary attributes.

There are a number of important traits for which EPD and other performance information are rare. This is usually because performance in these traits is hard to measure. Temperament and udder conformation are typical examples. Without performance data, it is very difficult to change these traits with traditional within-breed selection, and so it is precisely these traits that we would like to "get right" in the breed formation stage of composite breeding. Fortunately, breed differences in many of these traits are large. Herefords, for example, are quite uniformly docile (with exceptions, of course), and Jerseys are known for their strong udder suspension and small teats. Because of their performance in these traits, inclusion of Herefords and Jerseys in a composite could be very beneficial. Considering hard-to-improve traits during composite breed formation is another way of exploiting breed differences.

One of the most persistent misconceptions about composites is that they lack uniformity. Producers assume that if hybrids are mated to hybrids, the offspring will vary across the board. We know from theory and from experimental results that this is not true. Composites are as uniform as purebreds for almost all economically important traits. Only in those traits affected by few genes (coat color is the best example) will composites clearly be less uniform. Color uniformity may be something to consider when choosing component breeds. This may seem silly because we don't eat the coat, after all, but it is amazing how uniformity of color affects people's perception of uniformity in general.

Improving breeding value through within-breed selection

Choose the best foundation animals. The choice of what breeds to include may be the single most critical step in composite breed formation, but the breeder's responsibility does not end there. We all know there can be tremendous variability within breeds. It is important, therefore, that composite breeders be selective in their choices of foundation animals. It would not do, for example, to pick just any Hereford or Jersey bulls simply because they were purebred and available. What if they were not representative of those breeds or had some glaring faults? Furthermore, we sometimes want to include

(Continued on page 26)

Breeding Composite Seedstock Part 1: Forming the Composite

(Continued from page 25)



Composites are as uniform as purebreds for almost all economically important traits.

only certain types within a component breed. I can think of several breeds that have a lot to offer, but are (in my opinion) too big at birth and maturity. However, there are bulls within those breeds with atypically low birth and mature weight breeding values, and these are the bulls I should hunt for. If color uniformity is a concern, foundation animals should be screened for their color genotype as well. A good job of composite breed formation means a good job of both between- and within-breed selection.

Maintaining hybrid vigor

Sample widely. The key to maintaining hybrid vigor in a composite is to avoid inbreeding. The way to prevent inbreeding at the breed formation stage is to establish as broad a genetic base as possible. From a practical standpoint this means including in the foundation population a number of unrelated sires or daughters of unrelated sires from each component breed. To see why, consider the extreme case of a four-breed composite in which one component breed's contribution came in the form of semen from a single sire. Every member of the first generation of composite animals will be a grandson or granddaughter of that bull. He will appear repeatedly in the pedigrees of future generations, and the result is an increase in inbreeding.

What is the minimum number of sires needed to represent a component breed? I don't really know. One is too few. Four or five, if they are truly unrelated, should probably be adequate. A dozen would be plenty.

Other concerns

Order of crossing. Say you were designing a four-breed ABCD composite. Would the order of the initial crosses make a difference? In other words, would it matter whether the first composite generation was (AB)(CD), (AC)(BD), or (AD)(BC)? The answer is yes and no. If the component breeds differ in maternal ability and/or if specific two-breed crosses differ in hybrid vigor, the performance of the first generation of composites and, to a lesser degree, the second generation, will be affected by the order of crossing. The performance of the third and more advanced generations should be unaffected, however.

Complexity. The biggest advantage of using composites is that they are easy to manage. Unfortunately, the same cannot be said for creating composites. In assembling a four-breed composite you could be dealing with purebreds of all four breeds, two two-breed crosses, and full composites all at the same time. Creating a composite breed is not something to be entered into lightly.

Time required. Composite creation can be time consuming too. I estimate that, starting from scratch, it takes a decade to make the crosses for a four-breed composite and replace the foundation animals completely with composites. If you are getting on in years, composite development may be like planting shade trees; the next generation will be the first to enjoy the fruit of your labor. On the other hand, if you already have a set of two-breed cross females and can find the right two-breed F1 bulls, you can have four-breed composite calves on the ground next year.

In the next article in this series I discuss breeding composites once the composite breed has been put together.

Editor's note: This two-part series will continue in the March issue of the Register.



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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.

4 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.

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, PhD





Bob Weaber, PhD

Wade Shafer, PhD

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's Calf Crop Genomics (CCG) program offers 50% off GGP100K test for breeders who commit to genotype the entire calf crop. See sidebar for more details.

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 that historically the vast 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.

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. Geno-

typing 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

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.

Notice of Updating HerdBook's Programming Logic: Purebred Simbrah Classifications



In September of 2022, the ASA Board of Trustees and staff of ASA were notified of a concern regarding the Purebred Simbrah classification some animals received. Upon an in-depth review, ASA determined that the programming logic in HerdBook Services (herdbook.org) from 2013 gave an animal a Purebred Simbrah classification where another interpretation would classify these same animals as Percentage Simbrah.

The ASA Board met on Monday, November 28, 2022, and passed two resolutions that clarified the interpretation of the programming logic to be used for the Simbrah Registry – Breed Classification and provided for the implementation of the clarification.

The updated programming logic was implemented on December 15, 2022, (the "2022 Programing Logic").

This notice is to inform the membership that for some records currently classified as Purebred Simbrah (referred to as the 2013 Programming Logic), the 2022 Programming Logic will classify these same animal records as Percentage Simbrah. The ASA Board has made the following provisions regarding implementation of the updated programming logic:

- 1. You may retain the Purebred classification by meeting the requirements set out below or;
- 2. You may accept the classification from the 2022 Programming Logic.

At the end of this notification is a flowchart to assist in understanding the options to consider.

Options to Consider

A. Keep the Purebred Simbrah Classification

Animal records/registrations existing in HerdBook prior to implementation of the 2022 Programming Logic are able to retain the Purebred Simbrah classification, if desired, by meeting the following requirements:

- i. DNA (using TSU samples) parent verification to both parents. Deadline: all samples (animal, dam, and sire) must be received at ASA's lab by March 1, 2023. *See explanation #1*.
- ii. The original dam and sire reported must be the parents confirmed by DNA parent verification.
- iii. A new certificate will be issued with an asterisk after Purebred Simbrah classification (Purebred Simbrah*). See explanation #2.
- iv. Matings: when determining the Simbrah Classification for offspring, the 2022 Programming Logic will be used for both parents. This means your animal record may carry the Purebred Simbrah* classification; however, this animal's Simbrah percentage will be used in determining its offspring's classification. *See explanation #3*.

B. Receive the Purebred Simbrah Classification

Use the 2013 Programming Logic for animals not yet reported or registered prior to December 31, 2023. (Where under the 2022 Programming Logic, the animal record would be a percentage Simbrah.)

i. The animal record must be on file prior to December 31, 2023, indicating it is a Simbrah animal. Registration may be later if desired.

- ii. The animal record/registration will carry the 2022 Programming Logic Simbrah Classification until the DNA (TSU sample) parent verification to both parents is completed. *See explanation #4*.
- iii. The original dam and sire reported must be the parents confirmed by DNA parent verification.
- iv. Matings: when determining the Simbrah Classification for offspring, the 2022 Programming Logic will be used for both parents. This means your animal record will carry the Purebred Simbrah* classification; however, this animal's Simbrah percentage will be used in determining its offspring's classification. *See explanation #3.*

C. Update the Animal's Simbrah Classification

Use the 2022 Programming Logic to determine the Simbrah Classification.

- i. Existing animal records/registrations: member supplies a list of animal records and/or registration numbers they would like updated using the 2022 Programming Logic.
- ii. DNA parent verification will not be required to update the Simbrah classification.
- iii. For new animal records/registrations: unless ASA is notified and DNA parent verification completed, the 2022 Programming Logic will be used.

Simbrah Registry – Breed Classifications

Notifications.

- 1. It is the responsibility of the seller (current owner of record) to inform an interested buyer and any sales manager of the Purebred Simbrah* classification regarding its meaning for potential acceptance/validation at shows and resulting matings. *See explanation #5.*
- 2. Registration Certificate.
 - a. A short explanation will be printed on the certificate with a link providing more detailed information.
 - b. A notification sheet included with paper certificates when mailed to inform current owner of records the Purebred Simbrah* classification.
 - c. Online/digital certificates will also carry the explanation.
- 3. Social Media. Announcements will be posted explaining the transition from the 2013 Programming Logic to the 2022 Programming Logic with a link providing more detailed information.
- 4. *the Register* will carry announcements periodically throughout 2023 with a link providing more detailed information.
- 5. Suggested Sale Terms and Conditions will carry an announcement.



Explanations

Explanation #1: DNA Samples / Parent Verification to Both Parents

- Reference: The Lab to be used is Neogen, (the "Lab").
- If the animal is already confirmed to both parents through the Lab, no further action is needed.
- Determine samples required. All three (animal, dam, and sire) must have samples at the lab to complete parent verification. For new samples, TSU samples are required.
 - Contact ASA's DNA Department for appropriate TSU kits.
 - If the dam or sire are deceased, a letter requesting a waiver from the Executive Committee may be submitted.
- The parentage results must confirm to the animal's dam and sire on file before parent verification.
 - If the dam or sire is corrected (from the result of the DNA parent verification test or the member submitting a request to change the dam and/or sire), the 2022 Programming Logic will be used for the animal's Simbrah classification.
- All required samples must arrive at the Lab no later than March 1, 2023.
 - In the event of a sample failure, an additional 30 days will be allowed to submit a new sample to the Lab.
- ASA will pay the Lab costs for parent verification.
 - If member chooses the 100K test, ASA will reduce the cost by \$18.00.

(Continued on page 32)

Notice of Updating HerdBook's Programming Logic: Purebred Simbrah Classifications

(Continued from page 31)

Explanation #2: Printing / Displaying the Classification Purebred Simbrah* (5/8 SM 3/8 BR*)

- The Purebred Simbrah* classification denotes the classification given using the 2013 Programming Logic.
- ASA will recognize this classification on registration certificates, digital certificates, and HerdBook displays online.
- The Purebred Simbrah* classification will not be used in determining its offsprings' classifications.



Explanation #3: Matings / All Mating Results will use the 2022 Programming Logic.

- Any animal record with the classification of Purebred Simbrah* will use the 2022 Programming Logic classification for this animal when determining its offspring's classification.
- Examples: Purebred Simbrah* (2013 Programming Logic) with the 2022 Programming Logic for the same animal: 5/8 SM 1/4 BR 1/8 OB.
 - Matings for Offspring to be classified as Purebred Simbrah (2022 Programming Logic).
 - (5/8 SM 1/4 BR 1/8 OB) x (5/8 SM 3/8 BR) = Purebred Simbrah
 - (5/8 SM 1/4 BR 1/8 OB) x (1/2 SM 1/2 BR) = Purebred Simbrah
 - Mating for Offspring to be classified as a percentage Simbrah (2022 Programming Logic).
 - $\cdot (5/_8 \text{ SM } 1/_4 \text{ BR } 1/_8 \text{ OB}) \times (3/_4 \text{ SM } 1/_8 \text{ BR } 1/_8 \text{ OB})$ = 5/_8 SM 1/_4 BR 1/_8 OB
- Simbrah Registry / Breed Classification: 2022 Programming Logic
 - General: To Qualify for the Simbrah Registry
 - The combination of Simmental and Brahman blood must be 5/8 or greater.
 - The other breed or combination of others breeds must be 3/8 or less. Minimum of 1/8 Simmental required Minimum of 1/8 Brahman required
 - General: Determining Percentages
 - The Simmental portion uses the Simmental Classification Chart to determine its percentage.
 - The Brahman portion uses the average of its parents rounded to the nearest eighth. Rounding up or down may occur.

- Other Breeds portion uses the average of its parents rounded to the nearest eighth. Rounding will be adjusted to include other breed percentages. If more than one breed is below 1/8 they will be combined and listed as "mixed."
- General: Rounding to the Nearest Eighth
 - Where both Brahman and other breeds need to be rounded, Brahman will round up and other breeds round down.
 - If other breeds do not need rounding, Brahman will round appropriately.
- Purebred Simbrah: 5/8 SM 3/8 BR
 - \cdot Must have 1/16 or less of other breeds to qualify.
 - \cdot The 1/16 or less will not be recognized.
- Percentage Simbrah
 - Does not meet the Purebred Simbrah qualifications.
 - Does meet the qualifications needed for acceptance in the Simbrah Registry (review above items labeled: General).

Explanation #4: Records/Registrations accepted into HerdBook after the implementation of the 2022 Programming Logic.

- The initial Simbrah classification will be from the 2022 Programming Logic.
- Once DNA parent verification (*see explanation #1*) is completed and confirmed to the original dam and sire reported, the owner must notify ASA requesting the 2013 Programming Logic Simbrah Classification.
 - Staff will use the 2013 Programming Logic to verify, and if it qualifies, the animal record will reflect the Purebred Simbrah* classification.

Explanation #5: Notification to Potential Buyer and/or Sales Manager.

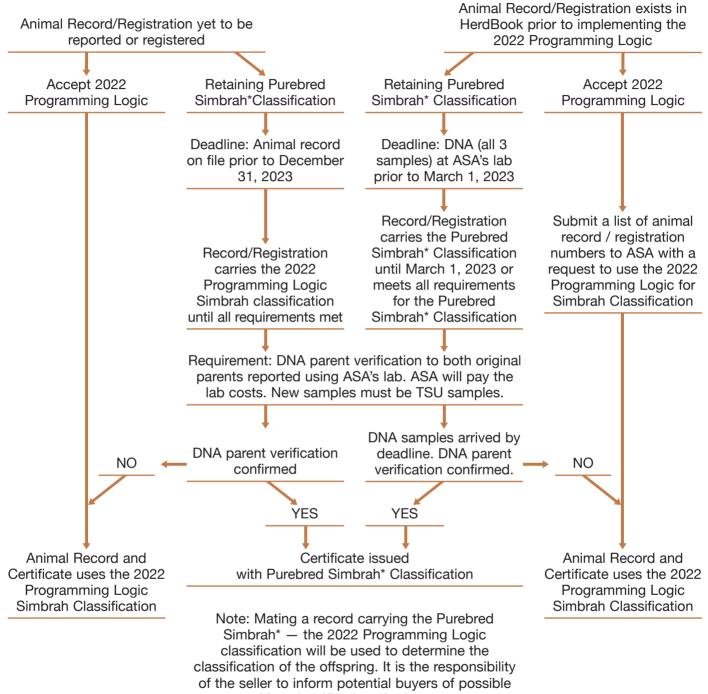
- It is important for the potential buyer to understand an animal record/certificate carrying the Purebred Simbrah* classification.
 - Purebred Simbrah* classification will be a permanent status once all qualifications are met.
 - Matings using this animal will use the 2022 Programming Logic classification
 - Current owner of record has the option to update the Purebred Simbrah* classification to the 2022 Programming Logic.

Important Deadlines

March 1, 2023 – DNA parent verification to both parents for animal records existing in HerdBook now.

December 31, 2023 – Animal records must be placed on file prior to December 31, 2023, to receive the Purebred Simbrah* classification (and DNA parent verification completed). ■

Simbrah Registry: Breed Classification / Assist in Decision–PB Simbrah* (5/8 SM 3/8 BR*)



resulting classifications for its progeny.



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White Gate Cattle Co. Bull & Female Sale Saturday, February 25, 2023 – 1:00 PM CST

Offering: 17 Fall Bulls and 4 yearlings, and 8 select lots of elite females from our herd. SimAngus[™] and Angus.

Bull viewing open house 9:00 am White Gate Cattle Co. farm – 1 mile south, 1¾ miles west of Willey – 22166 270th Street, Carroll, IA Steak Lunch Starting at 11:30 am Grit - Willey, 401 260th Street, Carroll, IA, starting at 11:30 am and available until sale time at 1:00 pm.

WGCO Cowboy Cut J119



CCR Cowboy Cut 5048Z x H&B Ruby 3009												
BD: 8/27/21 • ASA# 4148592												
BW	ww	YW	MB	\$API	\$TI							
2	83	128	.52	148	87							



BUBS Southern Charm AA31 x WGCO Meyer B4006 BD: 9/5/21 • ASA# 4148601 RW ww YW MB \$TI SAPI .8 74 115 .58 122 79 Excellent combination of growth, feed efficiency, carcass and maternal from a TC Ranch Pathfinder Dam.

WGCO Ruby H015



DUFF New Edition 6108 x WGCO Meyer B4006 BD: 8/25/20 • ASA# 4156946 BW ww YW MB **SAPI** \$TI -1.4 63 91 .31 105 63 Bred Heifer - She is bred for 3/16/23 to THSF Lover Boy B33.





Contact us for phone or online bidding

Brian, Kellie, Ella, Emersyn, Finn and Ben Brenny 22166 270th Street Carroll, IA 51401 515-231-4804 b_brenny@hotmail.com whitegatecattleco.com/genetics



World Champion Auctioneer: Will Epperly, Dunlap.

Sale Day Contacts:

 Brian Brenny
 515-231-4804

 Kellie Brenny
 712-790-1557

 Will Epperly
 712-269-5677

 Austin Schaben
 712-269-6132

Unable to attend? Contact us for phone bidding or bid online



Live Auctions Representative Mariah Miller 712-294-4731

DNA Updates

DNA Research fee application

DNA research fees are \$1/minute and may apply to parentage rechecks, misidentified samples, or other scenarios involving unusual increase in staff time. Each case is unique, so estimating the final charge is difficult. If there are a significant number of animals not qualifying to a parent(s), please reach out to the DNA Department to discuss a rough estimate of time and cost.

Testing Timeline

Allow 4–5 weeks. Please communicate any deadlines you may be working with to the ASA DNA staff. Expedited and tracked shipping is always recommended when ordering kits and shipping samples to Neogen.

\$30 DNA Research Fee

Sample packages sent to the ASA office (with or without paperwork), instead of the lab, will incur a \$30 research fee. With the exception of research projects (CHR, CCG, CXP), all samples are to be sent directly to the lab with ASA paperwork.

Semen Sample Fee

Effective immediately, ASA will be implementing a \$7.20 processing fee for all semen straws and/or semen samples submitted to Neogen for DNA testing.

Second Quarter Cost-Share Funds Available

The second quarter of the 2022–2023 fiscal year ended on December 31. This means that, for those who have not already done so, quarterly Check-Off dollars are available for distribution to state associations. The applications are located on simmental.org. Go to Membership \rightarrow State Associations \rightarrow Promotional Check-Off Dollar Request. Please do not submit this list by email.

Many state association activities have occurred during these past months. Please submit any pictures or information about these events to editor@simmgene.com to be published in the State Scene section of *the Register*.

Please contact Bert Moore at bmoore@simmgene.com with questions.

ASA Provides Open-Breed Registration Promotion

Making access to complete herd data easier, the ASA Board of Trustees recently passed an open-breed promotion to dualregister females that are registered with another breed association at the nominal rate of \$5.00 per head. Any person can apply for registration on an animal registered with another breed association. To get started, email a list of the other breed association numbers with tattoos to simmental@simmgene.com.

2023 Year-Letter is L

In accordance with the Beef Improvement Federation guidelines, the year-letter animal identification for 2023 is L, and will be followed by M in 2024, and N in 2025. The letter K was the year-letter designated during 2022.

Per the BIF guidelines, the following letters are not used: I, O, Q, and V.

Digital Certificates Available

ASA recently launched a new feature on Herdbook allowing members to download official digital certificates for registered animals. After September 1, 2022, ASA no longer scans and emails or faxes copies of printed certificates, and is encouraging shows, sales, and other events to utilize digital certificates. Digital certificates are the easiest, most reliable way to obtain an official record quickly. To download a digital certificate, search for your registered animal on Herdbook. If you are logged in and the animal is registered in good standing, there will be a button to download a digital certificate. Only the current owner of an animal can access the digital certificate. Please contact the registrations department with any questions at simmental@simmgene.com.

Herdbook Update to Birth Weight Ratio and Collection Method

The ASA Board of Trustees has passed a resolution to change the direction of the ratio for birth weights so that larger ratios are assigned to animals with heavier birth weights in their contemporary group and vice versa. This resolution came about to standardize the direction of the ratios so that higher ratios uniformly mean more of that trait.

Additionally, breeders can now indicate if they use hoof tape to estimate birth weight in Herdbook. There is a column called "BwMethod" next to the column where birth weights are entered in the animal entry page. If the weights were estimated using hoof tape, then simply put a T in the "BwMethod" column. If birth weights were obtained using a scale, there is no need to enter anything.

DNA Research Programs Continue



The Calf Crop Genomic (CCG) testing project, and Cow Herd DNA Roundup (CHR) continue to accept new submissions. The CCG offers a 50% off GGP-100K genomic test including parentage (\$25 compared to \$50 equivalent test) to participating breeders who test their entire calf crop group.

The CHR program also continues to accept new herds. The project tests females at \$25 per sample for a GGP-100K genomic test. Members must test 90% of their calving-age cows to qualify for the reduced price. When members submit mature cow body weights and

body condition scores or hip heights on 90% of their calving-age cows, they will receive a \$5 credit to their account for each reported cow. Cows must be 18 months of age or older when mature cow measurements are taken to qualify for the \$5 credit. The \$5 credit will only be applied once in an animal's life. For example, if a member received a credit for the phenotypes in 2018 for that cow, they cannot receive another credit for the same cow with a new weight and BCS in 2019.

Additional requirements apply for both programs. Please visit simmental.org, and email researchdna@simmgene.com for full program requirements and more information.

Digital Billing Statements

Beginning August 1, 2022, members who have provided an email address received a digital statement. As postal service delays continue to increase, digital statements allow for fast and effective communication. If you did not receive a statement please check your spam folder. Your billing history is available any time through your Herdbook account. Log in, select the My Account tab, select View ASA Billing History, choose the Month and Year and click on Apply. Please log in, go to the My Account tab and make sure the email that is on file is current.

Annual Service Fees Billed

July is the beginning of the new fiscal year and with that comes the invoicing of the Annual Service Fee (ASF). The ASF is necessary for your membership to remain in active status. Additionally, you must have registered or transferred one or more animal records within a two-year period to remain active. Please pay your annual service fee as soon as possible, as your membership must be in active status to receive a ballot and vote in the trustee election.

Office Holiday Schedule

Friday, April 7 Spring Holiday

Monday, May 29 Memorial Day

Monday, July 3 & Tuesday, July 4 Fourth of July

Monday, September 4 Labor Day

Thursday, November 23 & Friday, November 24 Thanksgiving

Monday, December 25 & Tuesday, December 26 Christmas

Register

STATE SCENE

Montana Simmental Association Meeting and Western Choice Sale

The Montana Simmental Association's annual meeting was held in Billings on the evening of Friday, December 2, preceding the Western Choice sale held on Saturday, December 3. Sixty-two attendees were present at the meeting with individuals from Montana, Wyoming, Idaho, and North Dakota. The meeting was preceded by a social hour, followed by an excellent buffet dinner.

The meeting was followed by two guest speakers. Dr. Rachel Frost, Director of the Montana State University Dan Scott Ranch Management Program, gave an overview of the course curriculum and out-of-class experiences and training provided to prepare students with the diverse training needed for careers in ranch management. The second speaker, John Grande, a commercial rancher from Martinsdale and the Montana Stock Grower's Association (MSGA) First Vice President, provided an overview of how ASA programs and EPD have advanced his cow herd and increased the profitability of calves retained to slaughter. Grande finished his presentation with a short overview of the MSGA and some of the goals for the December meeting.

An exciting fundraising auction was held after the speakers. Items auctioned included numerous gift baskets and handcrafted items, a three-day getaway, and 11 lots of semen. High-selling lots included the three-day staycation in Cody, Wyoming, donated by Black Summit Cattle, Powell, Wyoming, and purchased by Miller Simmentals, Gildford, Montana; along with the ten units of semen on the Bulls of the Big Sky 2021 high-selling bull, MFSR



The Montana Simmental Association recently held their annual meeting in conjunction with the Western Choice Sale.

ROUNDUP 665H, donated by Miller Simmentals and purchased by AOK Simmentals, Chinook, Montana. The auction raised a total of \$7,365.

Saturday morning Montana Simmental Association sponsored the 4th annual junior livestock judging contest (also open to 4-H and FFA members). Two divisions were offered, with 16 seniors and eight juniors competing. Corbin Murnin, winner of the contest, received \$250 prize money and a \$250 sale credit that he applied toward purchase of lot 73 of the Western Choice sale, an Angus/commercial Simmental-cross female from Laird Simmental (ASA #3573530).





by Larry H. Maxey, founder and superintendent, NAILE Fullblood Simmental Shows larryhmaxey@gmail.com

The Grand Experiment

Allow me to take a break from the long-running series of "Our Pioneers" for this February column. This article is a coordinated effort with *the Register's* editorial staff. Their coverage of the results from the 2022 North American International Livestock Exposition (NAILE) Simmental shows in Louisville, Kentucky, is presented nearby. Due to the nature of this article, it was important that the ASA's NAILE coverage and this piece appear in the same edition.

I began the article for the Fleckvieh Forum for the December 2009 *Register* with the following: "The first Simmental show ever held in North America solely for Fullblood Simmentals, the 'Pinnacle,' took place on November 18, 2009, at the North American International Livestock Exposition in Louisville, Kentucky."

If you have access to *the Register* archives I encourage you to read that edition. I reported that 118 US and Canadian breeders exhibited 52 Fullblood Simmentals. This was an incredible start for an inaugural event and surpassed all expectations.

Now, fast-forward to the February 2017 *Register* and the Fleckvieh Forum article entitled "Milestones." I noted that the 2017 NAILE would be a "Milestone" for our program because it would represent ten years since we reintroduced Fullblood Simmental to that prestigious venue. (Note: In 2008, before we had received approvals for a separate show for our Fullbloods, we exhibited 18 head of cattle entered by both US and Canadian breeders. Prior to that, it had been over ten years since the Fullblood Simmentals were represented in Louisville.) Little did I anticipate the favorable response that followed and the interest from our breeders to pursue a separate show. The wheels were set in motion and with the support of many, we made that dream a reality in 2009.

So, here we are in 2023 having completed a hugely successful set of shows this past November. Our 96 entries for our three shows was by far the largest gathering of cattle and people ever. From my observations, as well as feedback from the NAILE beef cattle superintendent and others, perhaps it was a similar result for the entire NAILE event. All the barns were full from wall to wall and then some. Excitement and enthusiasm were a welcomed reprieve from the constraints of the past three years.

It was my hope from the beginning that if we could demonstrate success with the novel concept of a separate show for our Fullblood Simmental cattle in Louisville, others would follow. Many will recall my continued suggestions and requests for others to take up that challenge. It didn't happen overnight, but it happened! Thanks to Jason and Nikki Gress from Little Creek Farm, there is a show at the Dixie National in Jackson, Mississippi. Lance Smith, Roland, Oklahoma, successfully organized a show at the Cattlemen's Congress in Oklahoma City. And, thanks to the ASA, three AJSA Regional Classic shows and the National Classic now have separate Fullblood shows.

Randall Townley from TNT Simmental Farm, Cleveland, Georgia, is truly an inspiration for his untiring commitment to supporting our juniors and his efforts to establish these shows in his area. He has successfully established the following shows: Gwinnett County Fair, Lawrenceville, Georgia; Madison County Fair, Comer, Georgia; Heifers in the Hills, Dahlonega, Georgia;



The first Fullblood show featured 52 animals. The latest had 96 entries.

Clemson University, Clemson, South Carolina; Governor's Agricultural School, McCormick, South Carolina; Bartow County Classic, Cartersville, Georgia; Coosa Valley Fair, Rome, Georgia; and the Georgia State Heifer Shows, Perry, Georgia (starting in 2023). Beyond those achievements (and far more important) has been his unselfish and dedicated support of our juniors, mentoring and financially assisting 16 juniors in the process.

In our junior program, thanks to efforts by many within the Fullblood Simmental Fleckvieh Federation (FSFF), we now have over 40 enrolled, active participants. The FSFF has a scholarship program available and has announced financial incentives to encourage participation in various shows and other activities. The FSFF junior initiative is working and was created following our NAILE successes. In addition, thanks to Anne-Marie Rasch for establishing the Fleckvieh Foundation, which now serves as the financial conduit for our NAILE initiative. She and Brian Valentine have been invaluable partners over the years allowing us to get to this point. Simple thanks are not enough but are extended to them, our US and Canadian exhibitors, and many others. To list them would require pages but their contributions are forever appreciated.

In conclusion, the future of our Fullblood Simmental shows is brighter than ever. I am still encouraging others to take up the challenge and continue this expansion throughout the US and Canada. The "Grand Experiment" is alive and well!

Is there a Simmental pioneer who you would like to see profiled? Reach out to Larry Maxey or the editor to submit your suggestions:

larryhmaxey@gmail.com • editor@simmgene.com



If Beef is Your Business





American Simmental Association

To learm more about the CMP visit www.simmental.org, then click Carcass Merit Program under the Commercial tab.

Questions, contact cmp@simmgene.com for more information regarding this program.

The American Simmental Association Carcass Merit Program (CMP) is the beef industry's most demanding and informative young sire test. The program is a hallmark of ASA breed improvement for economically relevant carcass traits. Commercial producers play an integral part in this project.

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*The CMP is a structured young sire progeny test. Participating cooperator herds will random sample their cow herd with CMP semen, and the resulting male (or female) progeny will be harvested with individual carcass data gathered. ASA Staff will work with cooperator herds to provide bulls that fit the general criteria of your management program; however, only bulls nominated into the CMP program may be used. Producers are encouraged to be somewhat proficient in Microsoft Excel for accurate and consistent record keeping.

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Cindy Newell Robyn Kleiboeker Danielle LeDoux **Data Processing Support**



Total Herd Enrollment



Accounts Receivable/ Membership



Ashley Purcell Megan Jimerson

DNA Department



Molly Diefenbach

Madison Marks



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- 2. Job or Invoice Number
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Timeline of registrations:

- Registrations sent to ASA are completed within 7 days
- Foundation registrations are completed within 2 - 3 weeks
- Certificates are mailed within 3 – 6 business days
- Emails are responded to with in 2 business days

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PERSONNEL PROFILES

Editor's note: Over the coming months we will be reinstating the Personnel Profiles column to introduce readers to new faces at ASA and ASA Publication, and to provide updates on staff who have been with ASA for some time.

ASA's Director Team



Jackie Atkins, PhD, director, Science and IGS Operations

Dr. Jackie Atkins is a native of Mandan, North Dakota, and grew up working at her family's veterinary clinic and commercial cow-calf operation. In 2002, she graduated with a BS in biotechnology from Montana State University. Atkins attended the University of Missouri, earning an MS and a PhD in animal science with an emphasis in reproductive physiology in beef cattle under Dr. Michael F. Smith. After graduate school, she worked as an embryologist for Dr. Chuck Gue at Progenesis Embryo Transfer, based in Belgrade, Montana.

In 2013, Atkins joined the team at the American Simmental Association as the director of science and education, later adding managing editor, and now serves as the director of science and IGS operations. In her time with the ASA and IGS, she has worked closely with research, data collection, and member education. Atkins has coordinated the Carcass Merit Program; helped in advancing DNA technology; promoted member education through articles, speaking engagements, and webinars; developed genomic research programs; coordinated other research projects; and provided leadership for the IGS genetic evaluation team and collaborators.

Mia Bayer, director, Youth Programs and Foundation Manager



Mia Bayer, Ringle, Wisconsin, works as the Youth Programs and Foundation Manager for ASA. Bayer has extensive experience in breed association programs, and has organized national shows and youth events. For ten years, she served as the Junior Board advisor for Junior Red Angus events; in this role, she increased event attendance through active outreach and marketing.

Bayer also has an extensive background in the beef industry. As an owner of Country Lane Farms, she and her family run 150 head of Red Angus and Angus cattle. She also spent many years as owner and manager of Country Fresh Meats, which involved all aspects of business, including managing finances and coordinating a team of employees.

Bayer has served a number of organizations, including the Wisconsin Junior Angus Association as an advisor, the Marathon County Ag Society as a fair board member, the Marathon County Partnership for Progressive Agriculture on the board of directors, and in 2020 she was an executive committee member for the Wisconsin Livestock Expo.

Luke Bowman, director, SimGenetic Development



Luke Bowman began working for ASA in 2016. He has worked with several of ASA's programs, including Progress Through Performance (PTP). Today, he is the director of SimGenetic Development, traveling extensively across the US and world. Bowman grew up in Indiana, graduating from Purdue University with a degree in agricultural education. He went on to teach high school agriculture for over five years. Bowman also consulted at bull sales and was recruited by Select Sires to train staff on beef cattle breeding and genetic evaluation. This led to dealing with breed associations and attending several association membership animal breeding conferences. Bowman had long wanted to work for a beef breed association to fulfill his passion for teaching people how to breed more profitable cattle. This piqued his interest in the science efforts of ASA, and he made a point to tell Dr. Wade Shafer that he wanted to know when a position at ASA opened up. Bowman has two kids, Oscar and Georgia, who he loves teaching about animals and nature.

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

In Kemp's role as the director of Commercial and Industry Operations, he works to highlight credible and cost-effective profit prediction tools to serious producers and various industry partners alike. Data-driven seedstock producers and their customers benefit from the most powerful genetic evaluation on the planet, and the novel approaches stemming from that evaluation. Kemp regularly underscores the value of ASA's suite of commercial programs and the IGS Feeder Profit Calculator. Prior to joining ASA, Kemp was a faculty member of animal science at the University of Missouri where he received the College of Agriculture's Distinguished Faculty and Outstanding Advisor awards and the University's Outstanding Educator award. He is a previous recipient of the Missouri Department of Agriculture's Livestock Leadership Award. Directly out of college he spent two years with the beef marketing division of IBP, Inc., in Amarillo, Texas. He resides in the heart of fescue country in central Missouri.



Bert Moore, PhD, State Association Liaison

Dr. Bert Moore is a passionate agriculturalist with a deep history in the cattle industry. He received a BS in animal science from Iowa State University before acquiring graduate degrees from North Dakota State University (NDSU). He went on to teach at NDSU for over 40 years, conducting research and coaching the livestock judging team. After leaving NDSU, he served as the executive secretary of the American Shorthorn Association for five years. When Dr. Wade Shafer called Moore to ask if he would be interested in serving as an Association representative he accepted, and later transitioned to serving as the State Association Liaison. Moore originally worked with Simmental cattle in the early 1970s at NDSU. He and his wife, Millie, have a 75-acre farm, which Moore dedicates his free time to. He has a daughter, Angi, and grandson, Cole.

(Continued on page 44)





(Continued from page 43)

Susan Russell, Carcass Merit Program coordinator



Susan Russell has been a lifelong member of the Simmental community. Russell grew up in the beef industry, and her family's operation, Reflected R Ranch, joined ASA in 1993. They participate in the Carcass Merit Program (CMP), Cow Herd DNA Roundup (CHR), and Calf Crop Genomics (CCG). The Russells also utilize DNA testing and are focused on selling high-indexing, balanced, performance-oriented SimGenetics bulls that will improve their customers' herds. Russell has a wealth of experience organizing events, including the National Western Stock Show breed events, and has served as the Colorado Simmental Association secretary/treasurer since 1998. She served as a Western Region Trustee from 2010 to 2016 and was a member of the Executive Committee. Her husband, Curt, also served six years on the Board, and their sons were both extremely involved in the AJSA. The Russells have been Golden Book Award recipients.

Jannine Story, director, Performance Data Programs



Jannine Story specializes in the commercial option of Total Herd Enrollment (THE), ultrasound, the Performance Advocate program, and customer service. She started working for ASA with years of customer service under her belt having started her career with a manufacturing company. That opportunity allowed her to travel across the country and even as far as China. She grew up in Illinois, and soon moved to Idaho where she stayed until moving to Bozeman. She recently relocated to Washington

state. Story embraced the challenge of stepping into the cattle industry, and takes advantage of every opportunity she has to learn.

Story and her husband, Richard, have two children, Simeon and Amber. Simeon has two children, Oliver and Violet, which Story says are the joy of their lives. She and Richard enjoy spending time outdoors, camping, hiking, kayaking, trail running, and horseback riding. They are also very active with their ministry.

Chance Ujazdowski, Progress Through Performance coordinator

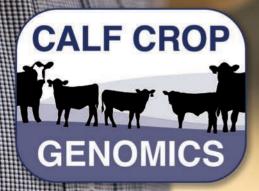
THE PAS



Chance Ujazdowski serves as the Progress Through Performance (PTP) Show coordinator. He began the role in 2022, just in time for the 2022–2023 Ring of Champions Show Season. While integrating PTP Show coordination with state association hosts, Ujazdowski's oversight includes the development of ASA's Meet & Greet events, the Major PTP Show judge selection process, open show program development, the annual Herdsman of the Year award, along with several other aspects of the job.

When not attending the Major PTP Shows, Ujazdowski is based out of his home in central Wisconsin.

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> Sample business card ad pages in the Register

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South Central Regional Classic, Springfield, MO June 21–24 | Hosted by the Missouri Junior Simmental Association

Western Regional Classic

Date and Location TBA

2023 AJSA National Classic | July 7-13

Des Moines, IA | Hosted by the Iowa Simmental Association

Hotel Information

Headquarters Hotel: Hyatt Place Des Moines/Altoona 480 Bass Pro Drive NW, Altoona, IA 50009 515-520-8300

Fairfield Inn & Suites Des Moines/Altoona

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Camping Information

Camping is available. Camping rates vary from \$30.00-\$40.00 per day based on location and availability.

www.iowastatefaireventcamping.org/output/tblsessions_add.php

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Director, Youth Programs and Foundation Manager

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AJSA CONNECTION

Register

Developing leaders through friendship, networking, and communication skills!



by Matthew Koverman, Eastern Region

We can all take a deep breath now as we just finished up the 2022–2023 Progress Through Performance (PTP) Major shows after another incredible year for the Simmental breed in and out of the

show ring. Year in and year out, the PTP Majors prove to be premier shows for Simmental breeders across the country; it's a time when the competition is strong but friendship and fellowship are stronger.

The Simmental breed continues to push forward not only with the quality of cattle but also the quality of youth and breeders. If you ask most ASA and AJSA members what they love most about the Simmental breed, many would say the relationships. I would agree with them. Our Association has given many members the chance to break out of their comfort zone, try new things, and meet new people who turn into lifelong friends. Personally, since being elected to the AJSA board in 2020 I have had the opportunity to meet and work with some of the brightest young minds in the breed. I not only call them fellow trustees, but also some of my closest friends.

The AJSA does a fantastic job of giving youth the opportunity to not only compete with one another but also build relationships that will last decades. So, my fellow AJSA members, my challenge to you this summer is if you attend a Regional or National Classic, break out of your comfort zone, try new things, meet new people, and build connections. You won't regret it. President Abraham Lincoln said it best: "The better part of one's life consists of his friendships."

2023 AJSA Classics Schedule											
Event	Dates	Location									
Eastern Regional	June 7–10	Lima, OH									
South Central Regional	June 21–24	Springfield, MO									
Western Regional	TBD	TBD									
National Classic	July 7–13	Des Moines, IA									



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Des Moines, Iowa July 7-13

AJSA

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More Animal Antibiotics Sold

Sales of antimicrobial drugs aimed at fighting bacterial infections in food animals have risen by 6% from 2021 levels, although sales remain much lower compared with the amount sold before the US Food and Drug Administration (FDA) required oversight of such antibiotics in 2017. The agency recently released its latest update supporting antibiotic stewardship, listing goals for also enhancing monitoring of antimicrobial resistance and antimicrobial drug use in animals. The FDA noted in the report that implementation of specific guidelines brought all 292 applications for medically important microbials intended for use in feed and water for food-producing animals under veterinary oversight. The data represent about 96% of all antimicrobials geared toward food-producing animals in the United States.

The FDA plans to continue to establish targeted durations of use for the 95 approved animal drug applications that currently do not have defined periods of how long such antimicrobials should be used in food-producing animals. The 2017 FDA ruling also banned the use of antimicrobials specifically to encourage weight gain in animals. The latest report reflects research by the FDA alongside similar projects supported by the US Poultry and Egg Association (USPOULTRY). The board of USPOULTRY has supported this research for a decade and it points to the continued focus on the judicious use of antibiotics in food-producing animals.

The Value of Vitamin A

by Barry Whitworth, DVM, Bovine Veterinarian

According to Dr. Greg Hanzlicek, with the Kansas State Veterinary Diagnostic Laboratory (KSVDL), Kansas had an unusually high number of stillbirth cases and weak born calves in the spring of 2019. After many laboratory tests, it was concluded that the problem stemmed from a lack of energy, protein, Vitamin A, or combinations of all of these.

Research has shown that low vitamin A levels during pregnancy are associated with abortions, stillbirths, and weak born calves. In addition to playing an important role in reproductive efficiency, vitamin A is essential for vision, bone growth, and maintaining epithelial tissue such as skin and hooves.

Animals obtain vitamin A from consuming green forage and/or the addition of vitamin A supplements to the diet. Lush green pastures contain high amounts of vitamin A. As plants mature and during times of drought, the amount of vitamin A decreases. In general, animals obtain adequate amounts of vitamin A by grazing green forage. Animals grazing green pastures will build a healthy store of vitamin A in the liver. When vitamin A is in short supply, the stores in the liver prevent deficiencies. According to Dr. Lalman, Extension Beef Cattle Specialist Oklahoma State University, the stores should last two to four months during times of deficiency.

Preventing vitamin A deficiency depends on producers being attentive to the environmental conditions that favor low vitamin A levels in forage. During these times, producers need to supplement the diet with vitamin A. Producers need to be aware that vitamin A supplements degrade rapidly, so vitamin A supplements should not be stored for long periods of time. In addition to vitamin A supplementation, research indicates that diets low in protein result in poor absorption of vitamin A. It is important that producers ensure that the rations have sufficient protein levels. Lastly, since colostrum contains high levels of vitamin A, producers need to ensure that newborns obtain adequate amounts of colostrum at birth.

Most of Oklahoma had below-average rainfall for the year of 2022. This resulted in pasture quality decreasing earlier than normal. Due to this year's lack of green forage, liver stores of vitamin A may be inadequate for the animal's needs. Producers need to ensure that the diets of their cattle have adequate amounts of vitamin A, energy, and protein.

Beef Quality Assurance Doesn't End at the Farm Gate

Cow-calf producers, stockers, and feedyards implement Beef Quality Assurance (BQA) practices on their operations to produce the highest quality cattle and provide consumers with the best possible eating experience. However, BQA doesn't end at the farm gate, and those transporting cattle are encouraged to become BQA Transportation (BQAT) certified.

"Hauling can be one of the most stressful times in the life of cattle," said Colby Carpenter with W&J Carpenter Trucking Inc., a 2022 BQA Award winner. "BQAT provides anyone transporting cattle with the information and resources they need to make sure animals are handled properly, resulting in less stress and a higher quality product for consumers."

BQAT is a comprehensive management program that incorporates responsible practices in all phases of transporting cattle. In-person training and free online courses are designed for both ranchers hauling cattle in gooseneck trailers and professional drivers who are transporting animals in semitrailers. These courses teach proper methods for hauling cattle including biosecurity, fitness for transport, pre-trip planning and loading, and emergency management.

BQAT is science-based, and producer-driven and online modules have been updated. A working group of industry leaders from all sectors of the cattle industry came together to revise BQAT material and provide updates needed to fit industry needs for hauling cattle.

"As the industry changes and evolves, educational materials are revised," said Trey Patterson, Wyoming rancher and chair of the Beef Quality Assurance Advisory Group. "We work with producers and those hauling cattle to create a program that meets the needs of the animals and the industry."

The Beef Quality Assurance (BQA) program, funded by the Beef Checkoff, provides information to US beef producers and beef consumers about how common-sense husbandry techniques can be coupled with accepted scientific knowledge to raise cattle under optimum management and environmental conditions. BQA guidelines are designed to make certain all beef consumers can take pride in what they purchase — and can trust and have confidence in the entire beef industry.

Helping Cows Cope with Cold Stress

by Mary Drewnoski, University of Nebraska Extension, and Karla H. Wilke, University of Nebraska–Lincoln

Cold stress increases a cow's energy requirement and can pull down her body condition. Thin cows can result in weak calves being born in the spring and/or poor breed up. Winter storms have already swept across the Plains, giving indications this could be a long, cold winter for cows already thin due to summer drought stress.

The threshold at which cattle have to start using energy to maintain their body temperature is called the lower critical temperature (LCT). Cows in good condition (BCS 5.0; 1–9 scale) that have a heavy winter coat that is dry do not need to use energy to maintain body temperature until the wind chill index is below 19°F. Providing wind protection can decrease energy needs by removing wind as a factor. If cows have protection from wind, then the ambient temperature can be used to determine energy needs. So, providing wind protection in the winter can be huge for reducing supplementation needs due to cold in the winter.

To figure out how much more energy a cow needs, you would take the cow's LCT minus the wind chill index (if no windbreak is provided) or ambient temperature (if windbreak is provided) and that would tell you the percent increase in energy requirement. There is a 1% increase in energy needs for every 1° below the LCT. For instance, if ambient temperature is 21°F and wind speed is 10, the wind chill index (WCI) is 11°F. For a BCS 5 cow with a dry winter coat with a LCT of 19°F, then 19 LCT - 11 WCI = 8% increase in energy needs. You can look up the energy needs of various classes of cattle online. A 1,200-pound dry cow in late gestation has an energy requirement of 13 pounds of total digestible nutrients (TDN) and the cold described above increased this need by an additional 8%, which is equal to one pound of TDN for a total of 14 pounds per day.

Thin Cows: A Snowball Effect

It is important that producers assess body condition scores now, as many cows came through the fall thin (< BCS 4) and winter has had an early start in many regions. Body condition is a risk management strategy and affects the LCT. A thin cow with a BCS 4 with a dry winter coat has a LCT of 27°F vs. the 19°F of a cow in BCS 5. Thus, if the wind chill index was 19°F, a cow in BCS of 5 would not be using any energy to stay warm and a cow with a BCS 4 would be using 8% more energy to stay warm. So, getting cows into good condition early in the winter can be useful for managing risk of bad weather because they have condition they can lose, but also because cows with higher BCS will lose less with the same amount of energy intake than those with lower body condition. A 1,200-pound gestating cow can only eat about 31 pounds of medium-quality hay which is about 26 pounds of dry matter (DM). If you fed medium quality hay (53% TDN on DM basis) to a cow that was in a BCS of 4 when the wind chill was 19°F, she would not be able to eat enough hay to meet her energy needs and would be losing weight while the BCS 5 would be gaining a little condition. A practical management strategy may be to consider putting thin cows in a group with your firstcalf heifers as both have higher energy requirements in the winter, which can allow for strategic feeding of higher quality forage or supplementation when out grazing.

Wet Hair Coats Result in Huge Energy Loss

It is also important to understand that a wet hair coat ahead of a snowstorm exacerbates the situation. A wet coat increases the LCT of a cow in good condition to 53°F. Thus, essentially any time a cow's coat is wet in the winter, they will be using energy to maintain body temperature. Therefore, in winters with more precipitation, especially freezing rain, we often see greater decreases in BCS.

Meeting Cow's Energy Needs During Cold Stress

It is not advisable to change rations daily, but for extended cold and/or wet periods consider feeding more of the same ration, assuming cattle can eat more of the typical ration. If not, then providing a supplement is a good idea. When feeding lowerquality hay, dormant range grazing, or cornstalk grazing, additional feed will be needed. One option is to change to feeding a higher-quality hay source, if available. Free choice high-quality hay (58 to 60% TDN) can work down to temperatures of 34°F below the LCT of the cow (or -15°F for cows in good condition with dry hair or 19°F with wet hair). If cows are grazing, then supplementation with a high-energy feed may be desirable. While corn can be used to provide more energy, it comes with risk. Feeding more than two to three pounds per head can decrease forage digestion, especially if the forage is lower in protein. Feeding corn with some alfalfa on low-protein forges can mitigate this issue. With three pounds of corn one could make up the difference of about 15 degrees F between the LCT of the cow and the wind chill index temperature, which for a cow in BCS of 5 with a dry coat, corn supplementation would cover the increased energy requirement down to 5°F or for a cow with a wet hair coat to only about 38°F.

Distillers grains are another option. Distillers grain is a good source of energy. It has more energy than corn and because it is high in protein, it does not cause as much of a substitution effect (will not decrease intake of the forage much). In the example above where the cow needed an extra 1.5 pounds of TDN, feeding 1.2 pounds (as-fed) of dry distillers would provide the extra energy needed. In the case of distillers and gestating cows, the pounds of TDN needed to account for energy used due to cold stress would be equal to the pounds of dry distillers that would need to be fed. Limitations on the amount of distillers that could be fed would be more based on budgetary concerns than digestive effects.

When wind chill temperatures are extremely cold or the cow has a wet hair coat, a lot of supplement would be needed to make up for greater energy needs and maintain body condition. For instance, if the wind chill was -10°F and the cows had a wet hair coat, then 8.9 pounds of dry distillers would be needed to account for the increased energy requirement. However, feeding these levels is likely impractical. A better approach would be to provide a smaller amount of supplemental feed and to continue to feed the extra feed after the weather has moderated to allow cows to regain energy lost during the storm.

It is also important to remember that lactating cows have a much greater energy requirement than pregnant cows. Given this, the combination of cold stress and lactation can pull down BCS quickly. If lactating cows are also subjected to cold stress, increasing their energy intake prior to observing loss of condition is advisable.

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No Ransom for Cyberattack

Canadian processor Maple Leaf Foods has decided not to pay a ransom demand from cyber criminals who breached its computer systems in early November 2022. The people behind the cyberattack were able to gain unauthorized access to company data and have threatened to release it unless Maple Leaf pays the unspecified ransom. The company is holding fast, saying that it will not do so. "The illegal acts that compromised our system and potentially put information at risk are intolerable and our company will not pay ransom to criminals," the company said in a news release.

The company said all of its plants continued to operate despite the incident, which did cause a system outage. The systems were quickly restored. Maple Leaf said it has invested significant resources in its security systems, takes the confidentiality and security of the information in its possession seriously, and is taking action to minimize any disruptions.

"We continue to coordinate with our customers, suppliers, and other partners, and appreciate their ongoing cooperation and support as our operations return to normal. We're sorry this occurred and apologize for the frustration and challenges it may cause," the company added. Maple Leaf was hit by a cyberattack in mid-2021 that affected much of its global network, JBS paid a ransom of \$11 million to regain control of its system. Two Romanians were arrested and charged with that particular attack.

Lawsuit Says Tyson Benefiting from Loan Meant for Family Farms

The Southern Environmental Law Center (SELC) has filed a lawsuit alleging that a federal loan program intended for family farms is being used to finance industrial poultry operations.

The suit, filed on behalf of community group Concerned Citizens of West Tennessee, argues that \$3.5 million in federally backed loans to an independent poultry operation in Henderson County, Tennessee, will benefit Tyson Foods because the business will raise millions of chickens for the processor.

The lawsuit, filed in US District Court in Tennessee, contends that Nguyen Farms, the large-scale poultry facility in Henderson County, does not qualify for the Farm Service Agency lending program funds to help with start-up and operational costs because Tyson will control all aspects of the operation.

"The Farm Service Agency's abuse of loan programs meant to help small, family farmers is a blatant violation of federal law and of the agency's own regulations. FSA leaders should stop using lending programs meant for family farms to subsidize massive, multi-billion-dollar corporations like Tyson Foods," SELC senior attorney George Nolan said in a press release.

A Tyson spokesperson did not have an immediate comment on the lawsuit. In the complaint, which names USDA, FSA, Nguyen LLC, and Farm Credit Mid-America as defendants, the groups asked the court to vacate the loans awarded to the Henderson County facility, stop the FSA from granting additional family farm loans to such facilities, order federal officials to do environmental reviews before guaranteeing loans, and put in place safeguards to protect community members from any negative impacts of the facilities.

The lawsuit seeks to take advantage of ongoing tension between contract poultry farmers, who raise birds for major vertically integrated processors such as Tyson, and the processors, who retain ownership over the birds while the rest of the operation is owned by the growers. Some contract growers have filed lawsuits over their classification as "independent contractors" and the federal Department of Justice is looking into how individual companies are managing the relationship. The Biden Administration also has proposed a rule that reportedly would make it more difficult to classify the contract poultry growers as independent contractors.

Quick Service Restaurants File Antitrust Suits against Big Four Beef Packers

Sonic, Arby's, Burger King, Whataburger, Hardee's, and Carl's Jr. have filed lawsuits in Florida against the four largest beef packers, alleging the processors have been fixing prices and artificially constraining the supply of beef since 2015, according to court documents.

The initial 94-page complaints name Cargill, JBS, Tyson, and National Beef as defendants. Unlike many other antitrust cases filed in the meat industry in the past few years, these cases do not include Agri Stats Inc. among the defendants.

The plaintiffs are asking for a jury trial, and financial judgments equal to three times the damages the restaurants say they sustained due to the alleged price-fixing, plus interest and attorney fees.

Last month, a federal district court in Minnesota consolidated the antitrust claims of several large retailers and wholesalers against the four largest beef packers into a lawsuit originally brought by R-CALF USA and the National Farmers Union. Antitrust cases have also been filed in recent years against processors of pork, chicken, and turkey. In several instances, the defendants have reached settlements with some of the plaintiffs, while other parts of the lawsuits continue.

Tyson Shareholder Pushes for Stricter Antimicrobial Use Standards

A Tyson Foods Inc. shareholder plans to present a proposal at the company's upcoming annual meeting to commit the processor to comply with global standards for the use of medically important antimicrobials in food-producing animals.

The proposal calls on Tyson to adopt antimicrobial use guidelines established by the World Health Organization (WHO) designed to prevent antibiotics overuse that is known to lead to antimicrobial resistance (AMR), according to a Tyson filing with the Securities and Exchange Commission.

Shareholders are expected to vote on the proposal, which notes that "when the efficacy and availability of lifesaving drugs are compromised, the entire economy suffers... and investors lose."

The proposal notes that WHO calls AMR one of the top ten global public health threats facing humanity and could cause \$100 trillion in lost production worldwide by 2050 if AMR levels remain at their current state.

Tyson currently prohibits antibiotic use in chickens, and markets some of its beef and pork products as being raised without antibiotics. However, the company does not limit how antibiotics may be used in cattle and swine beyond legal compliance, the proposal adds.

The WHO guidelines recommend that farmers and the food industry "stop using antibiotics routinely to promote the growth and prevent disease in healthy animals," according to the proposal. Tyson could "save lives, contribute to a more resilient economy, and protect investor portfolios" by adopting WHO recommendations, the proposal said.

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*Dr. Bob Hough, Western Livestock Journal, "Breed trends in feeder cattle," January 2020. Kansas State University Superior Livestock Auction data analysis, 35,483 lots of beef calves marketed via 211 video auctions, 2010-2018.

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Meat Safety Hazards Identified

The United Nations Food and Agriculture Organization and the World Health Organization convened a group of 24 experts from 15 countries to discuss food safety hazards associated with cultivated meat. The meeting, which was held in Singapore, concluded: "While the science and applications are wholly new, existing preventative measures and safety assurance tools will be applicable to control such hazards."

During the three-day meeting, the experts who came from a variety of public and private companies and organizations determined that cultivated foods "run the same risks as with conventionally produced food; the occurrence of microbiological contamination, chemical residues or by-products during production of processing."

The experts also added that microbial contamination during culture would inhibit cell growth during the production process. Therefore, if the cells have grown and reached product expectations for harvest, that means that contamination did not occur. But, they added, contamination could still occur post-harvest, as in any other food product. During this global consultation on cell-based food with a specific focus on food safety considerations, the technical panel also noted the need for determining appropriate terminology for this type of food can have a significant impact on consumer perception and relevant regulatory requirements such as labeling.

Reproductive Hormones Found to Impact Gut Microbiota

by Maureen Hanson, Bovine Veterinarian

Increasing awareness of the importance of microbial populations in proper functioning of various body systems led a group of Chinese researchers to explore what, if any, influence the use of reproductive hormones has on the gut microbiota of cattle.

Researchers at Inner Mongolia Agricultural University, Hohhot, China, recently explored whether the bacterial population in the intestine of grazing Simmental cattle changed over the course of estrous synchronization for breeding.

Their study, published in the journal *Animals*, evaluated 14 postpartum Simmental cows on a fixed-time AI protocol. The researchers noted that there is a large amount of researchbased evidence that shifts occur in the vaginal and uterine microbiota during estrous synchronization. But changes in the intestinal microbiota in cattle undergoing synchronization had never been studied previously.

They hypothesized that changes in the intestinal microbiota occur during estrous synchronization, and that these shifts are caused by reproductive hormones.

The breeding protocol consisted of placing an intravaginally controlled internal drug release (CIDR) device containing 1.9 g of progesterone on Day 0, which was accompanied by a 5-mL intramuscular injection of vitamin A/D/E. The CIDR was removed on Day 9, at which time each animal received three intramuscular injections of cloprostenol at a dose of 0.2 mg prostaglandin F2 per injection. Fixed-time AI then was performed on all animals on Day 12.

Blood and fecal samples were collected prior to treatment on the same days. Blood samples were monitored for seven reproductive hormones: estradiol (E2), follicle-stimulating hormone (FSH), gonadotropin-releasing hormone (GnRH), luteinizing hormone (LH), progesterone (PROG), prolactin (PRL), and oxytocin (OT).

Fecal samples underwent DNA extraction to monitor microbial populations for both quantity and diversity over time. A total of 30 intestinal organisms were studied.

The researchers found:

- Systemic increases in estrogen (E2) were strongly correlated with higher abundance and diversity of organisms in the intestinal microbiota, confirming earlier research showing the intestinal microbiota is a principal regulator of systemic estrogen.
- Induction of estrus resulted in an increase in intestinal microbiota function in the biosynthesis of unsaturated fatty acids and fatty acid elongation in the mitochondria.
- The reproductive hormones FSH, LH, PROG, PRL, and OT correlated with some biomarkers of the intestinal microbiota of the host. A similar relationship was not observed for GnRH, but the authors said this may be due to the fact that GnRH is produced in the hypothalamus only, or that there is no receptor for it in the intestinal microbiota.
- Intestinal microbiota changed significantly during conception.
- The functions of both metabolism and immunity were enriched in the intestinal microbiota during estrous synchronization.

The researchers stated the microbiota, especially in the intestine, coexists with the host for mutually beneficial purposes, and is now considered a virtual organ, with properties that are integral to the host's endocrine, metabolic, and immune systems.

They said, based on their results, some nutrition- and immune-enhancing strategies could be applied during estrous synchronization. However, they noted that before such measures were taken for lactating dairy cows, more research would need to be done with that population specifically, because their hormone profile, particularly related to prolactin, would be different than that of the animals in this study.

Melatonin Improves Growth Performance, Research Suggests

by Fred Miller, Bovine Veterinarian

An animal scientist at the Arkansas Agricultural Experiment Station has shown that a common and inexpensive hormone additive may mitigate the ill effects on growth performance of calves born to cows grazed on endophyteinfected fescue pastures during gestation.

Brittni Littlejohn, assistant professor of animal science for the research arm of the University of Arkansas System Division of Agriculture, said fescue is the most common coolseason forage in the southeastern US, including Arkansas. Most of that fescue is infected with endophyte fungus, which is beneficial to the grass, but produces ergot alkaloids, organic compounds in plants that are toxic to grazing animals.

The US Department of Agriculture's National Agricultural Statistics Service ranks Arkansas 11th in the nation in beef

cows that have calved and beef cow replacement heifers, according to the 2022 Arkansas Agricultural Profile published by the Division of Agriculture. Farm cash receipts for cattle and calves totaled \$426 million in 2020, according to the profile.

Littleiohn said fescue toxicosis restricts blood flow in animals that eat the infected grass. Her lab recently showed that pregnant cows consuming toxic fescue seed have decreased uterine artery blood flow that potentially reduces nutrient supply to bovine fetuses during gestation.

Calves born under these conditions are underweight, Littleiohn said, Calves in her study were on average about 90 pounds underweight at weaning. Low weight continues as the calves grow and the differences are maintained through the yearling stage, she added.

Fescue growth and concentrations of ergot alkaloids, the toxic compounds in endophyte fungus, peak twice a year, Littlejohn said. Toxicity concentrates as the grass matures and produces seed, and some beef producers avoid the problem by keeping their pregnant cows off fescue pastures during those times. But few producers have that option.

Littlejohn and her collaborators investigated the effects of adding melatonin to supplemental feed for pregnant cows consuming endophyte-infected fescue seed during toxic phases in the pasture grass. Melatonin is a natural product found in plants and animals. In animals, it is released by the pineal gland and is believed to be associated with sleep-wake cycles.

Littlejohn added melatonin to feed containing toxic fescue seed during mid- to late-gestation for test subjects at the Savoy Research Complex Stocker Unit. Other animals received toxic fescue seed without melatonin or were fed only endophyte-free fescue as control subjects to measure the impact of the melatonin. Test subjects at the Arkansas Agricultural Experiment Station's Savoy Research Complex were fed in a precision agriculture controlled feeding system.

The melatonin additive tended to improve birth weights and significantly improved weaning and post-weaning weights of calves whose dams consumed toxic fescue during gestation, Littlejohn said. "We were able to

recover over 70% of the loss in weaning weight by treating pregnant heifers with melatonin."

Littlejohn stressed that the melatonin was added only to the diets of pregnant heifers during a 70-day window of gestation and not to the calves. But the calves benefitted from the addition to their mothers' diets with improved weight gain throughout their development. "The calves are yearlings now and still showing benefits based on how you treat the mothers," Littlejohn said.

Littlejohn said her data so far is still preliminary. She has submitted a grant proposal to the US Department of Agriculture for a National Institute of Food and Agriculture seed grant to continue gathering data. "We need to replicate the study to build up the data and confirm our results," she said.

(Continued on page 60)

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The Kentucky Farm Bureau (KFB) named Sarah Jones, Allen County, the 2022 KFB Farm Woman of the Year. The award honors outstanding achievement of a woman actively engaged in production agriculture. Recipients personify the highest level of professional excellence in agriculture.



Sarah and her husband Bart own Red Hill Farms, a SimGenetics and farming operation spanning south central Kentucky and northern middle Tennessee. Jones oversees the sale and care of Red Hill's many cattle, and she also manages its finances, records, marketing, and promotions. Jones has also been a leader in numerous agriculture-related organizations, including serving as the Young Farmer Co-Chair, member of the Allen County Farm Bureau Federation Board of Directors, county Women's Chair, Secretary/Treasurer of Allen County Farm Bureau Federation, and on numerous committees. She was also recognized as a runner-up for the 2021 KFB Farm Woman of the Year award.

As an active agriculture and safety advocate, she has led the now-annual tradition of 250 Allen County fourth-grade students attending Progressive Agriculture Farm Safety Day at Western Kentucky University since 2013. ■



Read our Women of ASA article featuring Jones.

Register



Check out this video about Jones by the Kentucky Farm Bureau.



CUTTING EDGE Register

(Continued from page 59)

The proposed NIFA-funded project will be conducted at the experiment station's Livestock and Forestry Research Station near Batesville.

In the meantime, she has received a provisional patent for the use of melatonin in cows to mitigate the effects of fescue toxicosis during gestation. Parker Cole, associate director of Technology Commercialization for the Arkansas Agricultural Experiment Station, said the provisional patent offers intellectual property rights protection while Littlejohn continues her research. "We're the first to investigate this use of melatonin," Littlejohn said.

Her graduate student Rachel Scott will present this research at the January meeting of the Southern Section of the American Society of Animal Science.

Down the road, Littlejohn wants to develop and evaluate the other methods of administering melatonin for pregnant cows. She anticipates that some methods, like implants, would be relatively inexpensive and only have to be used during gestation and when the endophyte toxin is active.

Littlejohn and her collaborators are also in the process of further evaluating factors that might play a role in calf weight gain results. "Current and ongoing research will evaluate differences in the muscle biology, feed efficiency, metabolism, immune function, and the microbiome to better understand what's driving the differences in growth rate," she said.

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Beef Exports to Fall in 2023

USDA's Economic Research Service (ERS) Livestock, Dairy, and Poultry Outlook forecasts beef exports to drop between the current year and 2023. The ERS indicates that 2023 beef exports will decline by 472 million pounds, or 13.3%. In the first week of November, the US Drought Monitor reported that 85% of the United States experienced some level of drought. About 76% of the US cattle herd is being raised in drought-stricken areas, which is an increase of 40% from one year ago.

A higher rate of slaughter and stronger demand raised the 2022 beef production by 211 million pounds. However, the harsh conditions in the US means fewer cows are expected to be slaugh-tered in 2023, which lowers the projection by 90 million pounds to 26.3 billion, which is a decline of more than 7% from the 2022 projection. However, the forecast for the total 2023 US beef trade is unchanged, the report reads. The ERS also shows beef imports slowed for the first half of 2022. The year-to-date imports from New Zealand are down 22% from last year. While imports from New Zealand and Australia have declined, their exports to China increased. Imports from Brazil decreased 28%, but year-to-date imports from that country remain elevated due to the spike in imports during the first quarter.

Push to Limit Foreign Farmland

A bipartisan effort designed to prohibit foreign ownership by countries seeking to purchase additional farmland in the state of Missouri has been launched, according to media sources. At least four state legislators have introduced legislation calling for a ban on further acquisition of acreage by international entities.

The issue proved contentious during Missouri's recent US Senate election when the Republican candidate who won the race was widely criticized during the campaign for voting to allow the sale of Missouri land to a consortium of Chinese buyers. Before a Chinese company acquired Smithfield Foods in 2013, the state had banned all foreign ownership of agricultural land. That law was changed to let foreign entities own as much as 1% of all Missouri farmland.

Smithfield, a subsidiary of Hong Kong-based WH Group, owned a reported 42,000 acres of the state's farmland by 2015. In total, there are about 28 million acres of farmland within the state's borders. The Missouri Pork Association is among the groups opposing the proposed prohibition, which are co-sponsored by legislators from both sides of the political aisle.

Chinese Link Welfare to Quality

Chinese consumers of meat are very interested in better animal welfare claims because the claims are perceived to mean better food quality and food safety according to new research by Faunalytics, an Olympia, Washington-based animal welfare group. As the largest country in the world by both human and farmed animal population, consumer attitudes toward animal welfare — which has traditionally been a fringe issue in China could either push animal activists' agenda forward or hold it back. In the report it was noted that many of the Chinese respondents mentioned "having tried or being interested in various higher welfare products, such as those labeled as 'organic' or 'village-raised.' However, most justified this choice in terms of the benefits of quality and food safety."

In China, the report pointed out, higher-welfare products are considered tastier and more fragrant when cooked, and products labeled as higher-welfare are more trusted, while lower-quality products are associated with a range of concerns, including animals being raised in unsanitary conditions, and the use of hormones, antibiotics, and genetically modified products on farms. Still, it was noted, zoonotic diseases were not mentioned as a food safety concern in reference for farmed animals, and welfare considerations are not necessarily ignored, but are likely to be secondary. Also in China, the report noted that most consumers believe that meat consumption is necessary for health, particularly among growing children. Meat is preferred over other forms of protein because of a range of "positive sensations" including satiety, mouth-feel, fragrance, and taste.

JBS S.A. Gets \$106M from Holding Company

Brazil's JBS S.A. said in late December that it will receive BRL 543 million (\$105.9 million) from its controlling holding company, J&F Investimentos S.A., as part of the termination of a legal dispute in which the meat processor sought to hold controlling shareholders responsible for the impacts of corruption actions confessed in 2017.

JBS said in a statement that an arbitration court in Brazil has approved the transaction agreement, entered on one side by JBS and, on the other side, J&F Investimentos S.A., Joesley Mendonça Batista, Wesley Mendonça Batista, Francisco de Assis e Silva, and Florisvaldo Caetano.

The company said the ratification of the transaction represents the end of the litigation.

In 2017, the Batista brothers confessed during plea bargain testimonies with Brazilian prosecutors to having bribed more than 1,800 politicians. The wrongdoings were revealed as part of the investigations of "Operation Carwash."

Brazilian Prosecutors Claim JBS Bought Cattle from "Irregular" Ranches

An audit by Brazilian federal prosecutors found that 17% of the cattle bought by JBS S.A. in Pará state between July 2019 and June 2020 came from "irregular" ranches, linked to illegal deforestation, according to data released by prosecutors in late December. Prosecutors say that number is equivalent to 93,734 head.

JBS and five other unlisted meat processors hadn't met 100% of the standards established in a Conduct Adjustment Agreement (TAC) signed with the federal prosecutors' office of Pará state, aimed at avoiding deforestation in the Amazon forest region.

JBS said in a statement that the audit considered cattle purchased more than two years ago, and the results were mainly due to inaccuracies in the criteria adopted at that time and that were fixed by JBS in October 2021.

JBS added that it is working to ensure that, by 2025, all its direct and indirect cattle suppliers commit to zero deforestation in the Amazon. The company also said it is "leading efforts in the Brazilian livestock sector to drive the end of illegal deforestation and the protection of native vegetation in all Brazilian biomes by 2025."

The prosecutors' audit also shows that Minerva S.A., the only other listed company audited, purchased 100% of its cattle purchased in Pará state from legal sources in the period. Marfrig S.A. said it hasn't had operations in Pará state since March 2020, but expects to conclude an audit with the Federal Prosecutors' Office for the period it had operated in the region in about 90 days.

The company said it adopts all the standards established in a TAC signed in Mato Grosso state in 2010 and an agreement signed with Greenpeace in 2009. "All criteria of the TAC and the agreement are applied in all the company's operations in the Amazon. This applies to Pará during Marfrig's period of operation in the state until February 2020." Marfrig said these agreements have gone through third-party audits carried out annually, with published results.



		Direct					Maternal							\$ Index					
1	[rait	CE	BW	ww	YW	ADG	MCE	Milk	MWW	Stay	DOC	CW	YG	Marb	Fat	REA	Shr	API	TI
E	Frait EPD	13.0	1.1	101.0	167.0	.41	5.9	27.1	77.6	14.6	16.2	46.9	46	.28	081	1.28	41	140.7	93.7
ŀ	٩CC	.57	.73	.68	.64	.64	.33	.21	.33	.35	.55	.46	.36	.44	.37	.44	.08		
0	%			2	1	1		20	2		10	15	3		10	1	15		10

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CDI Authority 77X Sire: KWA Law Maker 59C KWA Ms Rock 14X

Direct

ww

92.3

.60

10

YW ADG MCE Milk MWW Stay DOC CW

153.6 .38 2.1

.57 .57 .27 .19 .30 .31 .48 .43 .34 .37 .33 .42

4 3

W/C Executive Order 8543B Dam: K-LER Dollys Princess

Maternal

26.7

20 10

72.8 17.4 14.5 49.5 -.31 .23 -.051 1.09

ASA# 3783950 3/4 SM 1/4 AN

> 141.3 88.4

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CE BW

8.4 2.5

.52 .65 GW Miss GPRD 028X

10

4

Carcass

Marb Fat REA Shr API

YG

\$ Index

ΤI

20



North American International Livestock Exposition 2022

North American International Livestock Exposition

Junior Show

Dates: November 12–13, 2022 Judge: Brett Barber, TX Location: Louisville, KY

Purebred Simmental Females



Bred and Owned Champion and Division I Champion "Rocking P Built To Love K067," s. by Reckoning 711F, exh. by Josie Phillips, Maysville, KY.



Reserve Division I Champion "MEJ Something About Rita 215K," s. by JSUL Something About Mary 8421, exh. by Morgan Jackson, Kaufman, TX.



Reserve Grand Champion and Division II Champion "JSUL TSSC Lady In Black 2181K," s. by JSUL Something About Mary 8421, exh. by Hadley Hendrickson, Farmland, IN.



Reserve Division II Champion "JSUL Lola 2302K," s. by JSUL Something About Mary 8421, exh. by Evie Jones, Shelby, NC.

Division III Champion "Harkers Rebellious Shelby J307," s. by EC Rebel 156F, exh. by Chase Harker, Hope, IN.

Reserve Division III Champion "Bramlets/TSSC Dakota J180," s. by W/C Relentless 32C, exh. by Seth Martin, Kingman, IN.



Grand Champion and Division IV Champion "BCII Annie 01J," s. by JSUL Something About Mary 8421, exh. by Matthew Koverman, Minford, OH.



Reserve Division IV Champion "Wicked Angel 129J," s. by Profit, exh. by Jami Hoblyn, York, NE.

Division V Champion "K B L JBOY Scarlet Dream 121J," s. by W/C Relentless 32C, exh. by Carter Hoge, Good Hope, IL.



Reserve Division V Champion "KC2 Miss Serena 74J," s. by JBSF Berwick 41F, exh. by Chloee Clark, Muldrow, OK.



Division VI Champion "WHF Andie 368H," s. by KCC1 Exclusive 116E, exh. by Eli Mundy, Speedwell, TN.

Percentage Females



Division I Champion "JCCO Once Hypnotized 720K," s. by SCC SCH 24 Karat 838, exh. by Brooklyn Welsh, Blandinsville, IL.

Reserve Division I Champion "Bramlet TSSC Beyond Beautiful," s. by SCC SCH 24 Karat 838, exh. by Josie Phillips, Maysville, KY.



Division II Champion "STER Broker's Phyllisity 22K," s. by Mr HOC Broker, exh. by Mercedes Ferree, Sullivan, IN.



Reserve Division II Champion "JSUL Bethany 2328K," s. by HPF Quantum Leap Z952, exh. by Carter Kornegay, Tulsa, OK.



Division III Champion "TSSC Sparkle 123J," s. by W/C Relentless 32C, exh. by Morgan Jackson, Kaufman, TX.

Reserve Division III Champion "JBOY Tammy 15J," s. by W/C Relentless 32C, exh. by Tanner Green, Mayville, MI.



Division IV Champion "B C R Time To Shine J080," s. by RP-BCR Insight G302, exh. by Josie Phillips, Maysville, KY.

Reserve Division IV Champion "STER My Heart N Soul 152J," s. by W/C Bankroll 811D, exh. by Kathy Lehman, Shelby, OH.



Bred and Owned Champion, Grand Champion, and Division V Champion "JSUL Her Majesty 1260J," s. by W/C Bankroll 811D, exh. by Sara Sullivan, Dunlap, IA.



Reserve Grand Champion and Reserve Division V Champion "Wallace Travel Gal 172J," s. by SJW Exit 44 7111E, exh. by Josie Phillips, Maysville, KY.



Division VI Champion "STCC Serena's Gift 0173," s. by PVF Blacklist 7077, exh. by Mercedes Ferree, Sullivan, IN.

Open Show

Date: November 16, 2022 Judge: Donnie Robertson, OK Associate Judge: Barry Nowatzke, IN

Editor's note: PTP Data for the North American International Livestock Exposition are listed in the following order: Calving Ease EPD, Weaning Weight EPD, Yearling Weight EPD, Maternal Calving Ease EPD, Milk EPD, STAY EPD, Marbling EPD, Backfat EPD, REA EPD, \$API, and \$TI. EPD as of 11/11/22.

Percentage Show Females



Grand Champion Cow/Calf Pair "FSNCC Jasmine 6911D," s. by Mr. HOC Broker, exh. by Emily Caffee, Bonnieville, KY. 10.9/69/98/5.2/16.4/9/.12/-.028/.37/99/66

(Continued on page 66)



North American International Livestock Exposition 2022

(Continued from page 65)



Division I Champion "Elite Equity 33K," s. by VCL LKC Equity 608D, exh. by Stertzbach Cattle Co., Louisville, OH. 12.6/68/94/7.9/19.6/8/.21/-.020/.20/104/69



Reserve Division I Champion "S&S BCII Sugar and Spice," s. by W/C Relentless 32C, exh. by Breckyn Bloomberg and Tim Schaeffer Show Cattle, Secor, IL. 9/71/102/3.4/14.9/7.4/.40/-.072/.62/108/73



Division II Champion "S&S Cull Oh So Foxy 2067K," s. by SCC SCH 4 Karat 838, exh. by Tim Schaeffer Show Cattle and Taylor Poff, Hagerstown, IN. 7.2/75/107/3/20.9/10.1/-.15/-.049/.39/80/60



Reserve Division II Champion "Campbellco Queen 16K," s. by SO Remedy 7F, exh. by Campbellco, Cedarville, OH. 12.2/79/124/6.8/18.5/8.4/.16/-.033/.41/107/74



Division III Champion "RP/CMFM Stylish Love J080," s. by HPF Quantum Leap Z952, exh. by Circle M Farms and Rocking P Livestock, Maysville, KY. 11.7/79/118/5.9/15.9/13.6/.29/-.050/.52/24/77



Reserve Division III Champion "JBOY Tammy 15J," s. by W/C Relentless 32C, exh. by Tanner Green, Mayville, MI. 6.3/64/88/.6/20.5/6.8/.13/-.056/.69/84/61



Division IV Champion "B C R Time To Shine J080," s. by RP-BCR Insight G302, exh. by Circle M Farms and Rocking P Livestock, Maysville, KY. 9.6/70/101/4.4/17.5/18.1/.33/-.056/.93/128/72

Reserve Division IV Champion "STER My Heart N Soul 152J," s. by W/C Bankroll 811D, exh. by Kathy Lehman, Shelby, OH. 10.4/73/102/5.3/17.9/9.2/.30/-.020/.60/110/73



Grand Champion and Division V Champion "RJ Horny 112J," s. by W/C Style 69E, exh. by Sara Sullivan, Dunlap, IA. 11/67/92/4.6/19.2/12.4/.14/-.057/.72/103/64



Reserve Grand Champion and Reserve Division V Champion "Wallace Travel Gal 172J," s. by SJW Exit 44 7111E, exh. by Circle M Farms and Rocking P Livestock, Maysville, KY. 14.3/69/107/7.3/18.5/8.8/.20/-.008/.34/106/67

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Long's Bald Eagle K44 – ASA# 4112883



Long's Bald Eagle K43 – ASA# 4112894



Bald Eagle Daughter – ASA# 4013505

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	Direct					Maternal							\$ Index						
Trait	CE	BW	WW	YW	ADG	MCE	Milk	MWW	Stay	DOC	CW	YG	Marb	Fat	REA	Shr	API	TI	
EPD	16.0	-3.2	76.5	124.3	.30	9.4	24.5	62.7	20.7	15.4	39.1	44	.61	070	1.21	49	182.6	96.5	
ACC	.61	.70	.62	.59	.59	.37	.26	.36	.39	.52	.50	.38	.44	.40	.46	.10			
%	4	2			15	4			10	10	20		2		4	1	1	4	4 C

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North American International Livestock Exposition 2022

(Continued from page 66)



Division VI Champion "STCC Serena's Gift 0173," s. by PVF Blacklist 7077, exh. by Trennepohl Farms, Mercedes Ferree, and David Smith, Middletown, IN. 7.5/82/127/1.7/18.9/8.9/.01/-.039/.89/93/69

Bulls



Division I Champion "R/F Havoc K08," s. by WLE Copacetic E02, exh. by Riley Farms, Cisco, IL. 12.2/76/112/6.4/19.4/12.2/.28/-.071/.51/118.74



Reserve Division I Champion "Handyman 2229K," s. by VCL Foresight, exh. by King Cattle Co., Perrysville, IN. 10.3/88/132/5.9/14./11.3/.27/-.051/.88/120/82 Division II Champion "WHF/JS/CCS Woodford J001," s. by EGL Firesteel 103F, exh. by Wayward Hill Farm and JS Simmental, Prairie City, IA. 13.9/83/120/6.4/28/22.5/.38/-.041/.59/154/85

Reserve Division II Champion "WCC/RRF Reflection 1170J," s. by JBSF Berwick 41F, exh. by Red River Farms and Wallace Cattle Co., Grand Saline, TX. 11.2/73/111/6./18.9/12.3/-.02/-.058/.61/100/65



Division III Champion "RB2C Indisputable 105J," s. by JSUL Something About Mary 8421, exh. by River Bluff Cattle Co., Niantic, IL. 12.5/75/116/4.9/19.9/9.9/.20/-.042/.72/112/73



Reserve Grand Champion and Division IV Champion "Maverick," s. by Renegade, exh. by Bowling Cattle Co., Tolle Show Cattle, Bloomberg Cattle, Jones Show Cattle and Porter Cattle, Greencastle, IN. 8/78/11/4.4/16.8/10.5/.08/-.073/.67/98/68

Reserve Division IV Champion "TMCK Hendrix 845J," s. by GEFF County O, exh. by Lilyanna Portwood, Versailles, KY. 5.7/89/134/2.7/14.5/12.9/.14/-.054/.76/107/76



Grand Champion and Division V Champion "S B C Northgate 795H," s. by HPF Quantum Leap Z952, exh. by Circle M Farms, Stephens Beef Cattle and Bramlet Simmentals, Rockwall, TX. 10/83/117/4.9/16.3/9.4/.23/-.053/.94/111/78

Reserve Division V Champion "WCC/RRF Troubadour 0130H," s. by WLE Copacetic E02, exh. by Red River Farms and Wallace Cattle Co., Grand Saline, TX. 15.5/77/113/9.1/24.5/13.7/.06/-.094/.69/118/73

Groups



Premier Exhibitors Circle M Farms and Rocking P Livestock, Maysville, KY.



Premier Breeder Tim Schaeffer Show Cattle, Hagerstown, IN.

Purebred Simmental Show Females



Grand Champion Cow/Calf Pair "TL Miss Starr 56," s. by Profit, Calf, "Gunin 4 The Stars Above," s. by TL Hi Guy 160, exh. by Orchard Acres, Brandon, WI. 5.9/77/116/4/15.4/13.2/.06/-.084/.65/109/71

7.4/8/130/5.2/19.8/16.5/.14/-.083/.73/126/77



Reserve Grand Champion Cow/Calf Pair "JS Church Bell 9E," s. by Mr HOC Broker, Calf, "PLC1 The Preacher," s. by HILB Royal Rumble E102W, exh. by Paysen Collins, Hillsboro, OH. 6.1/71/104/3.5/25/11.6/-.20/-.102/.92/89/62

7.1/82/123/3.2/24.1/13.5/-.09/-.094/.94/106/72

Cow/calf data is listed on two lines with the cow first.

Division I Champion "Rocking P Built To Love K067," s. by Reckoning 711F, exh. by Circle M Farms and Rocking P Livestock, Maysville, KY. 9.1/69/98/3.5/14.8/15.2/.23/-.048/.70/125/72

Reserve Division I Champion "Rocking P Blackcap K016," s. by LLSF Pays To Believe ZU194, exh. by Circle M Farms and Rocking P Livestock, Maysville, KY. 9.2/88/133/5.7/19.9/8.7/.22/-.072/.90/118/83 UNION HIER SHOW

Division II Champion "JSUL TSSC Lady In Black 2181K," s. by JSUL Something About Mary 8421, exh. by Tim Schaeffer Show Cattle and Hadley Hendrickson, Hagerstown, IN. 12/76/114/4.6/20.5/13.3/.09/-.087/.93/122/75



Reserve Division II Champion "CCS/JS Summer 1K," s. by JS Keepin It 90 39H, exh. by JS Simmental, Prairie City, IA. 9.3/88/122/4.7/20.9/16.4/.16/-.076/.82/130/82



Reserve Grand Champion and Division III Champion "JSUL PCC Proud Mary 1532J," s. by THSF Lover Boy B33, exh. by Breckyn Bloomberg, Secor, IL. 12.7/76/113/5.5/24.3/14/.14/-.068/.80/129/78



Reserve Division III Champion "WHF Summer 004J," s. by SO Remedy 7F, exh. by Ann Lawrence Allen and Wayward Hill Farm, Versailles, KY. 9.5/92/135/5/20.7/14.7/-.11/-.093/.70/116/79

Division IV Champion "JSUL Relentless Mary 1166J," s. by W/C Relentless 32C, exh. by Sadie Robison, Cushing, OK. 10.6/71/101/3.4/18.6/11.8/.07/-.071/.88/113/71



Reserve Division IV Champion "LAA LJR Miss Crocus 100J," s. by JBSF Berwick 41F, exh. by Addison Bartlow, Monticello, IL. 9.3/71/104/.7/20.7/11.4/.00/-.083/.85/104/67



Grand Champion and Division V Champion "KC2 Miss Serena 74J," s. by JBSF Berwick 41F, exh. by Chloee Clark, Muldrow, OK. 7.9/82/124/3.2/20/11.2/.04/-.097/.80/110/76

(Continued on page 70)



North American International Livestock Exposition 2022

(Continued from page 69)

Reserve Division V Champion "WHF Delilah 450H," s. by CCS/WHF Ol'Son 48F, exh. by Jordan Eggersman, Seymour, IN. 10/89/125/5.1/21.3/14.1/.12/-.119/1.18/129/85



Division VI Champion "MDAY/WHF Andie 368K," s. by EGL Firesteel 103F, exh. by Eli Mundy, Speedwell, TN. 14.4/77/114/6.6/30/17.5/.47/-.063/.98/147/84



Reserve Division VI Champion "Prostock Mona Lokia 052H," s. by JMH Humberto, exh. by Prostock, Roland, OK. 5.7/66/9/1.4/31.9/14.2/-.09/-.141/.73/97/61

Bulls



Division I Champion "Mr CCF Saddle Up," s. by Mr CCF The Duke, exh. by C&C Farms, Jefferson, GA. 10.5/76/112/4/19.3/11.3/.02/-.097/1.06/112/73



Reserve Division I Champion "DSLR STCC Judgement 095K," s. by Hara's Distinction 10C, exh. by Trennepohl Farms and Koch Simmentals, Middletown, IN. 9.6/81/121/3.2/21.1/8.2/.05/-.107/.87/110/78



Reserve Grand Champion and Division II Champion "TJSC Coping With Destiny 9K," s. by WLE Copacetic E02, exh. by Jones Show Cattle, Harrod, OH. 11.2/82/116/5.4/21.9/11.4/-.13/-.089/.84/105/72



Reserve Division II Champion "Dream Big," s. by S&S Sweet Dreams 507C, exh. by Mackenzie Neal, New Lebanon, OH. 8.1/72/105/3.9/14.6/15/-.05/-.092/.67/108/66



Division III Champion "DBJR Cobra," s. by HPF Quantum Leap Z952, exh. by Double J Ranch and Lundy Farms, Medford, WI. 12.3/86/122/5.3/17.9/9.4/.02/-.094/.97/113/79



Division IV Champion "RP/CMFM Perfect Timing J016," s. by B C R Perfect Vision, exh. by Claire Morgan, Egan, LA. 9.9/86/126/3.9/16.1/13.1/.28/-.096/1.02/132/84

Reserve Division IV Champion "WCCO Knockin Boots 305J," s. by W/C Bankroll 811D, exh. by Stager Cattle Co. and Woodard Cattle, Troy, OH. 7.7/77/108/4.2/21.2/12.2/.10-.093/1.24/110/73



Grand Champion and Division V Champion "GPG Royalty 219H," s. by SWSN Cash Flow 81E, exh. by GKB Cattle, Desdemona, TX. 9.1/86/120/3.6/15.9/14.5/-.09/-.074/.91/112/74

Reserve Division V Champion

"JS Keepin It 90 39H," s. by CCS/WHF Ol'Son 48F, exh. by XTB Cattle Co., JS Simmentals, Fenton Farms, and Elmore Cattle Services, Prairie City, IA.

10.8/91/128/4.8/21.9/5.6/.49/-.073/.77/147/91

Groups



Premier Exhibitor Tim Schaeffer Show Cattle, Hagerstown, IN. Premier Breeder

JS Simmentals, Prairie City, IA.



Herdsman of the Year Justin Adcock, Adcock Land & Livestock, Moweaqua, IL.

FSFF Fullblood Simmental Show

Dates: November 13–14, 2022 Judges: Brian DeFreese, IN (The Challenge Cup); Matt Claeys, IN (The Pinnacle and Fleck Effect)

The Challenge Cup (Junior Show)

Junior Champion "CVC Beauty Queen 201K," s. by Bar 5 SA Stride 413P, exh. by Karissa Rash, Manchester, MI. **Reserve Junior Champion** "Little Creek Kelsey 110K," s. by Sibelle Dirty Harry 25Z, exh. by Hannah Carper, Starkville, MS.



Reserve Grand Champion and Intermediate Champion "FGAF Petra 101J," s. by Anchor D Raptor 392C, exh. by Karissa Rasch, Manchester, MI.



Bred and Owned Champion and Reserve Intermediate Champion "Red Oak Johanna," s. by Starwest POL Blueprint, exh. by Clay Gardner, Greenville, AL.



Grand Champion and Senior Champion "Evans 84J," s. by BHR Clark C709E, exh. by Haley-Ann Lynch, Southwick, MA.

Reserve Senior Champion "Logland Ice Ice Jadie," s. by Outback of Double Bar D, exh. by Natalie Brunk, Roland, OK. The Pinnacle XIII EPD as of 11/9/2022

Females



Junior Champion "Little Creek Kelsey 110K," s. by Sibelle Dirty Harry 25Z, exh. by Little Creek Cattle, Starkville, MS. 6.9/74/108/1.5/33.8/17.1/-.66/-.13/-.148/1.03/107/67



Reserve Junior Champion "Little Creek Kirsten 126K," s. by Sibelle Dirty Harry 25Z, exh. by Little Creek Cattle, Starkville, MS. 6.8/79/112/2.2/43.7/16.9/-.64/-.15/-.146/1.18/106/70



Grand Champion and Intermediate Champion "Red Oak Johanna," s. by Starwest POL Blueprint, exh. by Clay Gardner, Greenville, AL. 9.8/77/112/4.8/40.3/11.6/-.52/-.21/-.121/.90/97/68

(Continued on page 74)

State Marketplace



785-258-0173 Mark nolan@cowcampbeef.com

Spring Bull Sale - Friday, February 3, 2023



Bull Sale. 3/2

State Marketplace



(Continued on page 76)

Neligh NE



North American International Livestock Exposition 2022

(Continued from page 71)



Reserve Grand Champion and Reserve Intermediate Champion "FGAF Petra 101J," s. by Anchor D Raptor 392C, exh. by Ferme Gagnon, Inc., Cheneville, QB. 9.5/81/119/4.2/38/13.5/-/-.13/-.136/.85/106/72



Senior Champion "SBV Charlene 885J," s. by Oakview Gambler 291G, exh. by Amber Morris, Marengo, IN. 3.6/75/111/.4/37.4/18.7/-.50/.13/-.126/.71/102/64



Reserve Senior Champion "Prostock Mona Lokia 052H," s. by JMH Humberto, exh. by Prostock, Roland, OK. 5.7/66/94/1.4/31.9/14.2/-.57/-.09/-.141/.73/97/61



Supreme Champion and Grand Champion Cow/Calf Pair "Little Creek Briana 523B," s. by Little Creek Xpress 840X, Calf, "Little Creek Kristen 126K," s. by Sibelle Dirty Harry 252, exh. by Little Creek Cattle, Starkville, MS. 6/75/104/3.8/54/14.9/-.53/-12/-.121/1.03/101/69

6.8/79/112/2.2/43.7/16.9/-.064/-.15/-.146/1.18/106/70

Reserve Grand Champion Cow/Calf Pair "CVC Icicle 503C," s. by Double Bar D Buble 339Y, Calf, "Logland Sonic Ice," s. by JB CDN Apache Junction 1831, exh. by Logland Farms, Roland, OK. 2/73/110/1.3/32.6/15.1/-.67/-.11/-.151/1.04/93/62

3.2/72/105/1.6/38.9/15.1/-.59/-.12/-.148/.86/94/64

Cow/calf data is listed on two lines with the cow first.

Bulls

Junior Champion "FGAF Dollar Bill 022K," s. by FGAF Dollar Shave Club 042F, exh. by Ferme Gagnon, Inc., Cheneville, QB. 2.2/78/113/.6/38.3/12.3/-/.00/-.135/.94/96/70

Reserve Junior Champion

"Logland Outkast 223K," s. by Outback of Double Bar D, exh. by Logland Farms, Roland, OK. 1.6/79/115/-.5/33.2/12.5/-.67/-.09/-.150/1.14/91/67



Grand Champion and Intermediate Champion "Red Clay Annuity 34J," s. by Logland Ariat L60G, exh. by Red Clay Cattle Co., Marietta, TX. 6.1/73/107/3.8/34.4/14.6/-.56/.00/-.132/.86/107/69

Reserve Grand Champion and Reserve Intermediate Champion "FGAF Burning King 115J," s. by FGAF Electric Avenue 140E, exh. by Ferme Gagnon, Inc., Cheneville, QB. 5.2/73/109/-.7/36.9/15.7/-/-.13/-.139/.88/101/66

Groups

Get of Sire and Produce of Dam Red Clay Cattle Co., Marietta, TX.

Breeder's Herd Ferme Gagnon, Inc., Cheneville, QB.

Premier Exhibitor Logland Farms, Roland, OK.



Premier Breeder TNT Simmental Farm, Cleveland, GA.

Fleck Effect VIII Females



Junior Champion "Rick-Sha Kiwi," s. by W/C Lock N Load 1143Y, exh. by Rick-Sha Farms, Moorefield, ON. 11.7/62/8/7.7/23.5/13.9/-/.01/-.119/1.03/115/67



Reserve Junior Champion "Hi Tech Karla ET 102K," s. by SVS Captain Morgan 11Z, exh. by Hi-Tech Farms, Ingleside, ON. 8/84/126/6.3/30.9/11.2/-.25/.31/-.105/.75/91/68



Reserve Grand Champion and Intermediate Champion "FGAF Miss Monster 102J," s. by SVS Captain Morgan 11Z, exh. by Ferme Gagnon, Inc., Cheneville, QB. 5.3/87/138/3/29.7/11.1/-/-.14/-.062/.76/84/67

Reserve Intermediate Champion "MJ114G*,"

s. by Horstman LAH Uno 971G, exh. by M&J Farms, Attica, IN. 9.3/76/112/3.9/29.2/13.6/-.047/.06/-.115/.76/118/75



Grand Champion and Senior Champion "Rick-Sha Jasmine*," s. by W/C Lock N Load 1143Y, exh. by Rick-Sha Farms, Moorefield, ON. 11.7/62/88/7.7/23.5/13.9/-/.0/-.119/1.03/115/67



Reserve Senior Champion "Hi Tech Jinx 111J," s. by Hi Tech Flash Point 150F, exh. by Hi-Tech Farms, Ingleside, ON. 5/76/102/.7/28.4/15.5/-/.06/-.118/.93/104/68

Bulls



Reserve Grand Champion and Junior Champion "TNTs Patriot," s. by G A R Freedom, exh. by TNT Simmental Farm, Cleveland, GA. 12.3/76/121/8.3/29.4/12.6/-.26/.52/-.053/.94/13/84 Reserve Junior Champion "305K," s. by J S M Wind Jammer 609, exh. by M&J Farms, Attica, IN. 4.9/69/110/1.7/29.6/12.4/-.21/.10/-.050/.58/95/63



Grand Champion and Intermediate Champion "FGAF FisherPrice 104J," s. by SVS Captain Morgan 11Z, exh. by Ferme Gagnon, Inc., Cheneville, QB. 7.9/73/114/4/24/12.3/-/-.15/-.068/.64/88/61



Senior Champion "Hi Tech Justice 103J," s. by Hi Tech Flash Point 150F, exh. by Hi-Tech Farms, Ingleside, ON. 8.3/77/115/4/30.5/19.7/-/.10/-.124/.80/130/75

*indicates a Purebred Simmental entry

Groups

Get of Sire and Produce of Dam Rick-Sha Farms, Moorefield, ON.

Premier Exhibitor Hi Tech Farms, Ingleside, ON.

Premier Breeder Ferme Gagnon, Inc., Cheneville, QB. ■

State Marketplace

(Continued from page 73)

Nebraska cont.





Bull Sale last Sunday in January and Female Sale first Sunday in November.



North American Fullblood Breeders



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TNT Simmental Ranch h Annual "Carrying On" The Genetic Explosion Bull S Friday, February 10, 2023 • At The Ranch, Lehr, ND DVAuction.com www.tntsimmentals.com Shanon & Gabe Erbele Kevin & Lynette Thompson Lehr, ND S 701-527-5885 • G 701-426-9445 Almont, ND H 701-843-8454 • K 701-391-1631 kevinandlynette@westriv.com gserbele@hotmail.com facebook com/tatsimmentalranch Wilkinson Farms Simmentals Terry and Cathy Schlenker Family 7649 49th Street SE Montpelier, ND 58742 701-489-3583 (home) 701-320-2171 (cell) www.wilkinsonfarmssimmentals.com



Kipp Julson • 605-351-9088 Oklahoma 48672 252nd St Garretson, SD 57030 doublejfarms@alliancecom.net Updyke Simmentals www.doublejsimmentals.com tal Cattle Double J Farms 50th Annual Bull and Female Sale, January 26, 2024, Garretson, SD Steve & Cathy Eichacker 605-425-2391 or 605-421-1152 email: es@triotel net 25446 445th Ave Salem, SD 57058 Annual Bull Sale · March 3, 2023 605-730-1511 (C SIMMENTALS ializing in Hard to Find 605-778-6414 Red Breeding Stock 36220 257th St., Kimball, SD 57355 Bruce and Sandra Flittie 11913 342nd Ave • Hosmer, SD 57448 605-283-2662 • flittiesimm@valleytel.net Kerry, Justin, and Travis Hart 10904 387th Avenue 4hooves@nvc.net Frederick, SD 57441 Dan Lehrman 605-530-5903 605-523-2551 (Res) • lehrmanvd@triotel.net 43058 245th Street • Spencer, SD 57374 **R&R** Cattle Company



(Continued on page 80)





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Gibbs Farms' 17th Annual Bull and Replacement Female Sale

November 12, 2022 • Ranburne, AL

Category	Average
Bulls	\$6,049
Bred Cows	\$2,446
Bred Heifers	\$2,692
Open Females	\$1,950

Sale Manager: Allied Genetic Resources, Normal, IL

Representing ASA: G. Ashby Green

Comments: Cattle sold into 21 states including AL, AR, FL, GA, IA, ID, IL, KS, KY, LA, MI, MO, MS, NC, OK, SC, TN, UT, VA, WI, and WV.

Elliott Livestock and Wild Rose Cattle Company's Production Sale

November 15, 2022 • Clifford, ND

No.	Category	Average
35	SM Bulls	\$3,021
12	SM Bred Heifers	\$2,405
47	Total Lots	\$2,864

Auctioneer: Kelly Klein, LaMoure, ND Sale Representatives: Logan Hoffmann, DVAuction Representing ASA: Russ Danielson

High-Selling Lots:

- **\$9,752** PB SM Bull, "WR2C J105," s. by WS Proclamation E202, sold to Begger's Diamond V Ranch, Wibaux, MT.
- **\$4,500** SimAngus Bull, "Elliott J240," s. by GW Due North 235D, sold to Bryce Huft, Ismay, MT.
- **\$4,000** PB SM Bull, "WR2C J109," s. by WS Frank 105F, sold to Cody Olson, Wyndemere.
- \$2,700 PB Bred Heifer, "Elliott Miss Jodee J269," s. by WS Frank 105F, sold to Robert Doyle, Danvers, MN.



Auctioneer Kelly Klein and owner Kevin Elliott discuss the sale offering.

Stanley Martins Farms Bred Fleckvieh Female Sale

November 19, 2022 • Decorah, IA

No.	Category	Average
35	Lots	\$4,898

Auctioneer: Mike Williams, Higginsville, MO Comments: Cattle sold into nine states and Canada.





Good-sized crowd on hand.

Taking notes.

49th Annual Minnesota State Simmental Sale

November 20, 2022 • Cannon Falls, MN

No.	Category	Average
17	Bred Heifers	\$3,653
13	Open Heifers	\$2,362
30	Live Lots	\$3,093
6	Genetics Lots	\$2,983

Auctioneer: Dustin Carter, SD

Sale Manager: Eberspacher Enterprises (EE) Inc., MN Marketing Representatives: Val Eberspacher (EE); Jered Ruter, *Lee Agri-Media*, IL; Kelly Schmidt, MN; and Amanda Hilbrands, LiveAuctions.TV, MN.

High-Selling Lots:

- \$8,000 Flush of Choice by "B/C Lookin Sharp, 7002E," "PZC RJB Red Rita," or "PCC JSUL Mary's Time," cons. by Brooke Polzin, sold to Lunning Bros. Simmentals, LeRoy.
- **\$7,000** Bred Female, "JSMF Layna J14," s. by Silveiras Haras Primal 8525, bred to WC Rest Easy 752G, cons. by Mueller Farms, sold to Emma Gillis, Medford.
- **\$6,800** Bred Female, "Legacy Star J22," s. by W/C Bankroll 811D, bred to Rocking P Private Stock H010, cons. by Legacy Cattle Company, sold to Emma Gillis, Medford.
- \$5,750 Open Female, "NFF Lady K076," s. by JSUL Something About Mary, cons. by Nelson Family Farms, sold to Scott Lubben, Plattsmouth, NE.
- **\$5,200** Bred Female, "RCC Joelle J1075," s. by Koch Big Timber 685D, bred to KBHR Bold Ruler H152, cons. by Redalen Cattle Company, sold to Rick Wussow, Stewartville.
- **\$5,100** Bred Female, "Legacy Joy J26," s. by CLRS Guardian 317G, bred to LCDR Affirmed 212H, cons. by Legacy Cattle Company, sold to Alan Schroeder, Reedsburg, WI.
- **\$5,000** Bred Female, "JSMF Beyonce J1," s. by HILB Oracle C033R, bred to CLRS Guardian 317G, cons. by Mueller Farms, sold to Emma Gillis, Medford.
- **\$4,000** Open Female, "OMF Kamille K67," s. by OMF Effort E74, cons. by Oak Meadow Farms, sold to Brady Gramm, Hancock.



Jerry Bauerly, Brookwood Farms, was a seller in the sale.



Theresa Claeys coordinated the jacket awards for county fair winners.

Bichler Simmentals' Production Sale

Lynn Schauer, LNMS Border Collies, donated a puppy with all proceeds going to the MN Junior Association.

November 21, 2022 • Linton, ND

No.	Category	Average
54	SM Bulls	\$5,880
48	SM Bred Heifers	\$3,303
1	Pick of the Cow Herd	\$10,500
2	Pick of the Heifer Calves	\$9,000
2	Flush Lots	\$2,125
10	Embryo Lots	\$900
116	Total Lots	\$4,386

Auctioneer: Tracy Harl, Wellington, CO

Sale Representatives: Scott Ressler, ND Stockmen's Association; Tony Heins, Cattle Business Weekly; and Justin Dikoff, DVAuction. Representing ASA: Russ Danielson

High-Selling Lots:

- \$27,000 SimAngus Bull, "BCLR Manifesto J6041," s. by BCLR Manifesto G352, sold to Begger's Diamond V Ranch, Wibaux, MT.
- \$21,000 SimAngus Bull, "BCLR Forge J8871," s. by GW Predestined 701T, sold to Wilkinson Farms, Montpelier.
- \$20,000 PB SM Bull, "BCLR Cash Flow J8361," s. by BCLR Cash Flow C820, sold to Begger's Diamond V Ranch, Wibaux, MT.
- \$15,000 PB SM Bull, "BCLR Abundance J9975," s. by 9 Mile Abundance 7507, sold to Doll Farms, New Salem.
- \$10,500 PB Bred Heifer, "BCLR Miss Abundance J128," s. by 9 Mile Abundance 7507, sold to Joey Schreck, Appleton, MN.
- \$10,000 SimAngus Bull, "BCLR Motley J887," s. by 9 Mile Motley 8505, sold to Ron Opheim, Selby, SD.
- \$5,000 SimAngus Bred Heifer, "BCLR Miss Manifesto J120," s. by BCLR Manifesto G352, sold to Table Rock Ranch, Ririe, ID.
- \$5,000 PB Bred Heifer, "BCLR Miss Abundance J104," s. by 9 Mile Abundance 7507, sold to Mike Kegley, Casselton.
- \$4,500 PB Bred Heifer, "BCLR Miss Intrigue J135," s. by LCDR Intrigue 749E, sold to Roman Schooley, Bloomfield, IA.



Wintry welcome to Bichler Simmentals.





Looking over the bred heifer offering.



Auction block setup.

Sale scene

The Event Sale

November 26, 2022 • Pleasant Dale, NE

No.	Category	Average
12	Registered Bred Females	\$4,792
21	Open Heifers	\$4,814
33	Live Lots	\$4,806
4	Embryo Lots	\$1,388
13	Semen Lots	\$300

Auctioneer: Matt Lowerv, NE

Sale Manager: Eberspacher Enterprises (EE) Inc., MN Marketing Representatives: Val Eberspacher (EE); Austin Brandt, Midwest Marketer, IA; Randy Rasby, Livestock Plus, NE; Kelvin Jorgensen, NE; Buddy Robertson, OK; and Amanda Hilbrands, LiveAuctions.TV, MN.

High-Selling Lots:

- \$12,000 Open Female, "BIZ Miss Innovator 15K," s. by CDI Innovator 325D, cons. by Tucker Cattle Company and Bilslend Cattle, sold to Nelson Cattle, Valparaiso.
- \$11,500 Bred Female, "NF Miss Reddington J467," s. by NF Reddington 412E, bred to Bar CK Red Empire 9153G, cons. by Neidig Farms, sold to Marple Farms/M4 Simmentals, Westmoreland, KS.
- \$8,500 Open Female, "PGN/Midnight Flirt 259K," s. by W/C Relentless 32C, cons. by Prime Genetics, sold to Darlene Hansen, St. Paul.
- \$8,000 Open Female, "BIZ Miss Blackcap K14," s. by Mr HOC Broker, cons. by Tucker Cattle Company, sold to Pat Gaughen, Cedar Bluffs.
- \$7,750 Open Female, "Volk Cow K103," s. by JT Volk Premonition 113E, cons. by Volk Livestock, sold to Western Cattle Source, Crawford.
- \$6,500 Bred Female, "BIZ Nikkie 677J," s. by JBSF Berwick 41F, bred to SFG Cowboy Logic D627, cons. by Kyla Troyer, sold to Purvine Farms Inc., Fay, OK.
- \$6,000 Bred Female, "NF Miss Reddington J19," s. by NF Reddington 412E, bred to Bar CK Red Empire 9153G, cons. by Neidig Farms, sold to Loomis Simmentals, Council Grove, KS.
- \$6,000 Bred Female, "NF Miss Dream Boat J909," s. by MFR Dreamboat 3B, bred to Bar CK Red Empire 9153B, cons. by Neidig Farms, sold to Hale Ranch, Perryton, TX.

Comments: Guest consignors included Prime Genetics, P&C Farms, Neidig Farms, PL Johnson Land and Cattle, Tyler Perrin, Volk Livestock, Pilkington Cattle Farm, and Troy Stanley.

(Continued on page 82)

State Marketplace

(Continued from page 77)



Pine Ridge Ranch Pine Ridge Ranch IIC ATHENS, T Jane and Bill Travis 9876 PLANO RD. billtravis@simbrah.com DALLAS, TX 75238 Cell: 214-850-6308 www.simbrah.com Washington

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SALE RESULTS



(Continued from page 79)



Buddy Robertson was a consultant.



Troy Marple, KS, selected a high-selling bred from Neidig Farms.



Host Brad Tucker welcomed the crowd.



Kelly Johnson, PL Johnson Land and Livestock, was a consignor.

Jewels of the Northland Sale

December 3, 2022 • Clara City, MN

No.	Category	Average
38	Bred Heifers	\$4,952
16	Open Heifers	\$14,778
1	Donor Lot	\$7,500
55	Live Lots	\$7,857
10	Embryo Lots	\$1,763
6	Lots of Need 4 Speed Semen	\$538

Auctioneer: Jered Shipman, TX

Sale Manager: Eberspacher Enterprises (EE), Inc., MN Marketing Representatives: Val Eberspacher (EE); Austin Brandt, *Midwest Marketer*, IA; Andrew Swanson, MN; Mitch Armitage, OK; and Amanda Hilbrands, LiveAuctions.TV, MN. Representing ASA: Russ Danielson

High-Selling Lots:

- \$34,000 Open Female, "HILB/WWS Erika Jayne K2124," s . by Harkers Unleashed, sold to Brookwood Farms, Leighton Hackett and Grace Schlueter, Sauk Rapids.
- **\$31,500** Open Female, "HILB Bcardi K27E," s by Harkers Unleashed, sold to Circle T Farms, Murfreesboro, TN.
- \$28,000 Open Female, "HILB/Jass Love To Profit 51K," s. by Profit, sold to Jaxon Hilbrands, Clara City.
- **\$18,000** Open Female, "HILB Miss Ember K857," s. by W/C Executive Order 8543B, sold to Osborn Cattle LLC, Edmond, OK.
- \$17,000 Open Female, "HILB Bebe K1129," s. by WHF/JS/CCS Double Up G635, sold to Abigail Hotz, Lone Tree, IA.
- \$13,750 Open Female, "HILB Baby Be Mine K405B," s. by Harkers Unleashed, sold to Erickson Cattle Company, Willmar.
- \$13,000 Open Female, "HILB Bank On Beauty K317E," s. by W/C Bank On It 273H, sold to Werning Cattle Company, Emery, SD.
- \$12,750 Open Female, "HILB Electric Glow K816, s. by HILB Oracle C033R, sold to Sleepy Hollow Farms, Clarington, OH.

Comments: Guest consignors included Jass Simmentals, Elm Mound Farms, White Wing Simmentals, Willow Creek Simmentals, Brookwood Farms, and Thesing Riverside Ranch. Mark your calendars for our Passion for Perfection Sale, April 8, 2023.



Randy Thompson, Cyclone Simmental, IA, made a choice purchase.



Eric Thesing, Thesing Riverside Simmental, was a guest breeder.



Dwight Cooper, C&C Farms, made the trip from GA.



Nic and Karen, White Wing Simmentals, AR, longtime customers of the sale.

T Heart Ranch's "High Altitude" Female Sale

December 3, 2022 • La Garita, CO

No.	Category	Average
84	Commercial SimAngus Cow	\$2,015
326	Commercial SimAngus Bred Heifers	\$2,376
140	Open Commercial SimAngus Heifers	\$1,392
550	Total SimAngus Lots	\$2,070

Auctioneer: Charly Cummings, KS

Sale Manager: Allied Genetic Resources (AGR), IL Marketing Representatives: Corey Wilkins (AGR); Justin Warren, Superior Livestock; and Black Tucker, Superior Livestock. Representing ASA: Ben Spitzer



The auction block.

North Dakota Simmental Classic Sale

December 10, 2022 • Mandan, ND

No.	Category	Average
39	Bred Heifers	\$4,994
1	Pick of the Kenner Bred Heifers	\$9,000
9	Open Heifers	\$4,111
7	Embryo Lots	\$2,557
56	Total Lots	\$4,619

Auctioneer: Tracy Harl, NE

Sale Manager: Jeff Thomas

Marketing Representatives: Todd Finke, Special Assignment; Kirby Goettsch, *Farm and Ranch Guide*; and Scott Ressler, ND Stockmen's Association.

Representing ASA: Perry Thomas

High-Selling Lots:

- \$12,500 PB Red Bred Heifer, "TRAX Little John J1287," s. by KS Little John C85, AI bred to IR Imperial D948, sold to DK Red Angus, Grenora.
- **\$9,000** Pick of Kenner Simmentals' Bred Heifers, sold to Mandan Lake Simmentals, Center.
- **\$9,000** 3/4-Blood Black Bred Heifer, "KR Miss J80," s. by WBF Iron Clad E053, AI bred to Colorado Bridle Bit E752, sold to Doll Ranch, New Salem.
- \$8,000 PB Black Bred Heifer, "QB J158," s. by Springcreek Ironsides 53G, AI bred to Deer Valley Ground Fund, sold to Kenner Simmentals, Leeds.
- \$6,750 1/2-Blood Red Open Heifer, "STRA Laura 2191," s. by TRAX Red River E84, sold to Brown Ranch, Ross.
- \$5,500 PB Black Open Heifer, "THSR Ms Union K281," s. by TNT Union D385, sold to Bailey Samuelson, Calvin.



Gab and Jason Quandt take in the sale.



Bailey Samuelson sold a raffle ticket to Bill Begger (center) and Clay Ekstrum.



Auctioneer Tracy Harl and NDSA President Davis Kinn.



Carter Sys sold raffle tickets to Kevin Hanson. Behind them, Mandan Lake Simmentals, who bought Kenner Simmentals' Pick of the Bred Heifers lot.

Trauernicht Simmentals' Nebraska Platinum Standard Female Sale

December 11, 2022 • Wymore, NE

No.	Category A	verage
55	SM and SimInfluenced Bred Heifers	\$3,053
3	SM Cow/Calf Pairs	\$3,200
16	SM, SimInfluenced, and Red Angus Open Heifers	\$3,559
74	Lots	\$3,127
17	Proven Cows	\$1,888
11	Commercial Females	\$2,077

Auctioneer: Tracy Harl, CO

Sale Manager: Eberspacher Enterprises (EE) Inc., MN

Marketing Representatives: Val Eberspacher (EE); Derek Vogt (EE) NE; Kelly Schmidt, MN; Randy Rasby, *Livestock Plus*, NE; Chris Beutler, NE; Mariah Miller, LiveAuctions.TV, IA.

High-Selling SimInfluenced Lots:

- \$9,500 Open Female, "LHT Ms Can`t Touch This 147K," s. by TMAS Can`t Touch This 8531F, sold to Luebben Cattle Company, Plattsmouth.
- **\$6,500** Bred Female, "LHT Ms Eagle 02J," s. by Hook's Eagle 6E, bred to CLRS Homeland 327H, sold to Burken Cattle Company, Blue Hill.
- **\$6,250** Bred Female, "LHT Ms Bullseye 191J," s. by W/C Bullseye 3046A, bred to THSF Lover Boy B33, sold to Ryan Belgum, Hickman.
- \$4,750 Bred Female, "LHT Mr Deep End 126J," s. by Bieber Deep End B597, bred to CLRS Jefferson 951J, sold to Dean Cattle Company, Douglas.
- \$4,750 Open Female, "LHT Ms Chief 174K," s. by TJ Chief 40G, sold to Brandon Esau, Beatrice.
- **\$4,500** Bred Female, "LHT Ms Teardrop 43J," s. by TJ Teardrop 783F, bred to CLRS Johnny Walker 1049J, sold to DB Simmental, Arapahoe.
- \$4,500 Bred Female, "LHT Ms Eagle 143J," s. by Hook's Eagle 6E, bred to LCDR Progressive 106G, sold to Nunnenkamp Simmentals, Sutton.

Comments: Guest consignors included State Line Farms Simmentals, Neuman Farms, and K&L Simmentals. Mark your calendars for the Annual Bull Sale, Sunday, February 19, 2023.



Laurie and Julie Saathoff are longtime repeat customers.



Scott Trauernicht welcomes the crowd.



Mariah Miller was the rep for LiveAuctions. TV.



Loren Trauernicht was wearing two hats sale dale: senior member of LHT and ASA Trustee.

(Continued on page 84)

(Continued from page 83)

Lehrman Family Simmentals' Complete Bred Female Dispersal Sale

December 28, 2022 • Canova, SD

No.	Category	Average
123	Total Lots	\$3,094

Auctioneer: Dustin Carter, SD

Sale Manager: Eberspacher Enterprises (EE) MN;

Marketing Representatives: Val Eberspacher (EE); Andrew Swanson, *Tri-State Neighbor*, MN; Jeff Kapperman, *Tri-State Neighbor*, SD; Justin Dikoff, DV Auction, SD; Jim Scheels, *Cattle Business Weekly*, SD; and Jeremie Ruble, IA.

High-Selling Lots:

- \$10,750 "SK Red Sara 407B E107," s. by Kappes Pendleton B6, bred to WS Jupiter 38J, sold to Gonsior Simmentals, Fullerton, NE.
- **\$9,500** "LEFS Ms Law Maker 062J," s. by KRJ G9160, bred to Bar CK Red Empire 9153G, sold to Dustin Carter Vermillion; and Sheridan Swee, Beresford.
- \$7,300 "LEFS Ms Red Answer 948G," s. by W/C Hoc HCC Red Answer 33B, bred to WS All Aboard B80, sold to Werning Cattle Company, Emery.
- **\$7,000** "LEFS Uprising 661D," s. by LLFS Uprising Z925, bred to WS Proclamation E202, sold to Marchant Cattle Company, Newton, IA.
- **\$5,700** "LEFS Ms Anchor 807F," s. by CCR Anchor 9071B, bred to CKCC Relevant 0639H, sold to Marchant Cattle Company, Newton, IA.
- **\$5,600** Pregnancy out of "LEFS Ms Loaded Up 988G," s. by W/C Loaded Up 102C, sold to Mathews Simmentals, Fair Grove, MO.

\$5,200 – "LEFS Ms Lastcall 643D, s. by W/C Lock Down 206Z, bred to KRJ G9160, sold to Tri-E Simmentals, Blanchard, ND.
\$5,100 – "LEFS Ms Cowboy Cut 048J," s. by CCR Cowboy Cut 5048Z, bred to S A V Bismark 5682, sold to Chamber Cattle Company, Osage, IA.



Vicky Lehrman welcomes the crowd to the sale.



Kolt and Paisley Carter attended the sale to listen to their dad, Dustin Carter, the auctioneer.



Gage Horacek, Gonsior Simmentals, NE, selected the high-selling female to add to his program.



Andrew Swanson assisted with ring man duties.

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STR Parental Verification\$33	\$15	Osteopetrosis (OS)	
Coat Color \$22	\$9	Contractural Arachnodactyly (CA)	
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Horned/Polled \$33	\$22	**Research Fee charged at \$1.00/min – Includes but is not limited to:	
PMel (Diluter) \$22	\$2	DNA re-checks to more than 2 additional parents, multi-sire pastures,	
Oculocutaneous Hypopigmentation (OH) \$25	\$16	excess time spent to confirm parentage, mis-identified samples, and samples arriving at lab without proper ASA paperwork.	
BVD PI\$5		***Prices are subject to change	

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THE Enrollment

Spring 2023 THE Enrollment – (dams calve January 1–June 30) – Early enrollment open October 15 through **December 15, 2022**. Late enrollment available until February 15, 2023.

Fall 2023 THE Enrollment – (dams calve July 1–December 31) – Early enrollment open April 15 through **June 15, 2023**. Late enrollment available until August 15, 2023.

	Option A (TR)	Option B (SR)	Option C	Option D (CM)
Early Enrollment	\$15.00	FREE	\$7.50	\$500/herd
*Late Enrollment	\$16.00	\$1.00	\$8.50	\$500/herd
*Late enrollment fe	es			

A re-enrollment fee of \$35.00 applies to any dam that is removed from inventory and re-enters the herd at a later date.

A member who has dropped out of THE and wishes to return, may do so for the next enrollment season. Re-enrollment fee is \$35 per animal (maximum of \$350) plus enrollment fees. Non-THE registration fees will apply to the calendar year when a member did not participate in THE.

American Simmental Association Fees

First Time Membership Fee:

Adult First Time Membership Fee*\$160
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Junior First Time Membership Fee* \$40
Prefix Registration\$10
*After January 1: \$105 for Adults and \$40 for Juniors

Annual Service Fee (ASF)*:

Adult Membership \$	\$110
Junior Membership	\$40
Fiscal year runs from July 1 – June 30	

Registration Fees:

Registration Fees enrolled in THE

Enrolled in Option A .	No Charge
Enrolled in Opt B or C	<10 months \$30
Enrolled in Opt B or C	10 months <15 months \$40
Enrolled in Opt B or C	15 months\$50

Transfer Fees:

First Transfer No Charge Subsequent Transfers Within 60 calendar days of sale Over 60 calendar days after sale \$30
Additional Transactions: Priority Processing (not including shipping or mailing)\$50 Corrections\$5
Registration Foreign/Foundation Fees:Register Foundation Cow\$5Register Foundation Bull\$25
Registration Fees not enrolled in THE:
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DATE BOOK

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JUNE

- 7-10 AJSA Eastern Regional Classic Lima, OH
- 21-24 AJSA South Central Regional Classic Springfield, MO

JULY

7–13 AJSA National Classic – Des Moines, IA

Serving as American Simmental Association's (ASA) official publication, the Register is mailed nine times annually, has a circulation of 5,500 +, and is focused primarily on ASA's paid membership.

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Issue	Sales Close	Ad Materials	Camera Ready	Mail Date
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May/June '23	April 3	April 11	April 24	May 9
July/August '23	June 20	June 23	July 10	July 25
September '23	August 1	August 8	August 18	Sept 5
October '23	Sept 1	Sept 8	Sept 18	Oct 3
November '23	Oct 3	Oct 6	Oct 19	Nov 2
Dec '23/Jan '24	Nov 15	Nov 17	Dec 5	Dec 19

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Reg#: 3789539 // WS Proclamation E202 x WS Hot Beef X38 Homozygous Black // Homozygous Polled // Purebred Simmental

 CED
 BW
 WW
 YW
 ADG
 MCE
 MM
 MWW
 STAY
 DOC
 CW
 YG
 MB
 BF
 REA
 SHR
 API
 TI

 16.0
 -1.9
 82.6
 130.90.30
 11.6
 28.1
 93.3
 18.7
 16.9
 42.0
 -0.25
 0.87
 -0.065
 0.70
 -0.36
 191.1
 104.2

 .50
 .55
 .53
 .54
 .54
 .33
 .28
 .36
 .49
 .48
 .38
 .46
 .41
 .45
 .05

 .0%
 35%
 25%
 .20%
 1%
 20%
 25%
 .4%
 15%
 1%
 1%
 1%

- > This thick-made, deep-sided powerhouse is very sound and balanced in his design and carries the phenotypic quality to be a breed impact sire.
- Bold Ruler offers outstanding EPDs. He's in the top 10% for maternal and convenience traits as well as top 1% rankings for both API and TI. Plus, he has the phenotypic quality to be a breed impact sire.



15M00188 FP/L JURISDICTION 103J

Reg#: 3881332 // Hook's Galileo 210G x WLE Uno Mas X549 Homozygous Black // Homozygous Polled // Purebred Simmental

 CED
 BW
 WW
 YW
 ADG
 MCE
 MM
 MWW
 STAY
 DOC
 CW
 YG
 MB
 BF
 REA
 SHR
 API
 TI

 16.0
 -0.9
 73.2
 112.60.25
 9.3
 28.3
 64.9
 14.8
 17.4
 21.8
 -0.30
 0.96
 -0.058
 0.66
 -0.36
 182.4
 99.6

 .44
 .47
 .44
 .43
 .43
 .22
 .11
 .21
 .31
 .41
 .40
 .32
 .37
 .38
 .38
 .04

 10%
 15%
 10%
 20%
 3%
 1%
 1%
 3%

- > Jurisdiction offers a unique combination of high-quality phenotype and elite genetic value along with outstanding style, structure and balance.
- > With his outstanding combination of CED, top-tier marbling and powerful indexes, Jurisdiction is a multi-faceted sire for many segments of the industry.





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Reg#: 3960639 // HHS Mr Entourage 867B x WS CEO C155 Homozygous Black // Homozygous Polled // Purebred Simmental

CED	BW	ww	YW	ADG	MCE	MM	MWW	STAY	DOC	CW	YG	MB	BF	REA	SHR	API	TI
15.8	0.3	99.3	155.6	0.35	10.0	21.1	70.7	18.1	14.4	51.6	-0.32	0.72	-0.051	1.14	-0.34	184.3	107.5
.40	.43	.44	.45	.45	.22	,16	.24	.30	.42	.39	.31	.40	.33	.37	.05		NO.5
10%	30%	3%	2%	4%	3%	10.520	20%	30%	20%	3%	192526	1%	199-1 1	10%	and st	1%	1%

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- > With as much body and thickness as one can ask for, Reserve will add stoutness, quality and maternal strength to any mating.

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SSC Shell Shocked 44B By Remington Secret Weapon 185 EPD: CE: 17 \$API: 137 \$TI: 74



ACLL Fortune 393D By MR TR Hammer 308A ET EPD: CE: 9 \$API: 91 \$TI: 68



GSC GCCO Dew North 102C By HTP/SVF Duracell T52 EPD: CE: 13 \$API: 116 \$TI: 82



PBF Red Paint F88 By W/C Executive Order 8543B EPD: CE: 13 \$API: 127 \$TI: 76



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EPD: CE: 14 \$API: 178 \$TI: 98

By KBHR High Road E283

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FELT Perseverance 302F

LCDR Favor 149F

By LCDR Witness 541C

EPD: CE: 9 \$API: 151 \$TI: 100

By W/C Executive Order 8543B

EPD: CE: 16 \$API: 120 \$TI: 72



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