SELECT SIRES INC.

YOUR SUCCESS Our Passion.

Delivering More
THROUGH GENERATIONS
2022 SPRING BEEF SIRE DIRECTORY

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Photo by Morgan Meisenheimer at Kearns Cattle Company in Rushville, NE

Delivering More

At Select Sires, we are committed to "Delivering More" to you, our customer-owners. Throughout the following pages, we share with you how we deliver *more* fertility, *more* cutting-edge genetics, *more* expertise and service, *more* market access, and ultimately *more* profitability for you, your family and your operation.

Relationships matter. We genuinely believe that relationship building is the foundation upon which significant results can be achieved and together we can achieve more than any one entity can alone. As a cooperative, our priorities will always be to invest in and strengthen our relationships with our customer-owners, seedstock partners, employees, and supply chain team members. We've found that supply chains that create and capture value are strengthened by relationships built on integrity and trust and we believe these strong relationships are vital to achieving our bold vision of cooperation, shared success and sustainability.

At Select Sires, we are excited about the growing opportunities for high quality, great tasting beef. We are inspired to further our relationship with you in pursuing our ultimate goal of improving your profitability through the combination of the best genetics in the world and the best people in the industry.

Gratefully,
The Select Sires Beef Team

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Select Sires has a rich tradition of delivering more and the list of sires you rely on is long. Our cover displays just six of the sires that have truly delivered —three representing where we've been and three representing where we're going; 7AN194 RITO 6I6, 7AN222 PREDESTINED and 7AN368 COMRADE, along with 7AN580 HOME TOWN, 7AN525 GROWTH FUND and 7AN466 RAINFALL. We're proud to bring you genetics from many of the best sires in the world as just part of our effort to deliver more to you, our customer-owners.

SELECT SIRES *DELIVERS MORE* A.I. PREGNANCIES FOR YOU!

A.I. INDUSTRY SIRE CONCEPTION RATE (SCR) DECEMBER 2021

	Select Sires	Bull Stud A	Bull Stud B	Bull Stud C	Bull Stud D	Bull Stud E	Others/Custom
SCR	.73	.37	.20	.18	.09	.03	-1.23
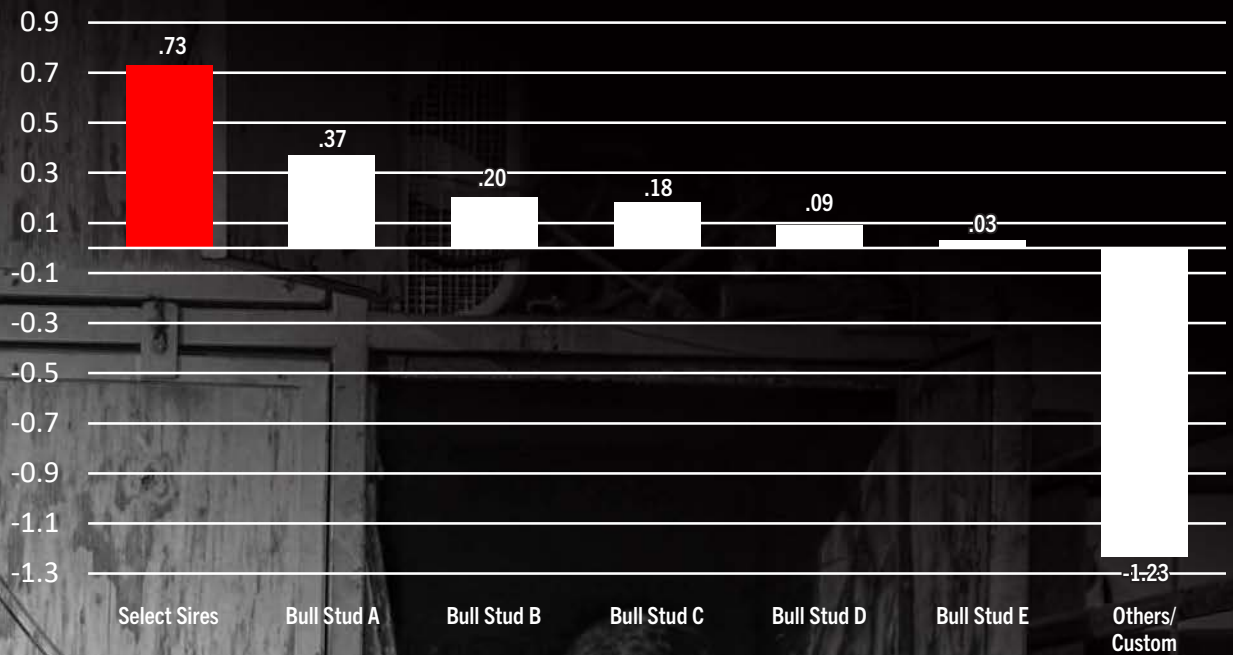
THE BUSINESS DEMANDS MORE...
We Deliver More.

ASK US HOW WE CAN MAKE YOUR JOB EASIER AND MORE PROFITABLE.

SELECT SIRES DESIGNATIONS

New in this year's directory, you will find icons designating traits and/or industry sectors where a sire offers significant improvement. Listed below are the descriptions for these new icons. Use these icons to help find and utilize the sires that best fit your needs and goals.

SHOWCASE
Sires earn the Showcase™ designation through outstanding show results or from a show-winning pedigree. Turn to this designation to produce your next show winner or to improve the overall phenotype of your herd.

COWMAKER
The Cowmaker logo designates sires expected to make the next generation of daughters to retain in your herd. This designation is a combination of maternal EPDs and reports from the field.

PERFORMANCE LEADERS
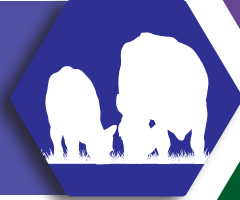Expect Performance Leaders sires to deliver cattle that are leaders for adding growth. These sires will rank among the best in their respective breeds for WW, YW, and ADG.

FERTILITY VERIFIED
Using conception data along with quality control evaluations, beef sires designated as Fertility Verified have been field tested and achieved Select Sires' industry-leading quality standards.

PAP
These sires are designed to perform at high altitudes and rank high for PAP EPD or by having great individual PAP data.

PROOF POSITIVE
Sires that are .85 or higher accuracy for Birth Weight EPD.

gender SELECTED™ SexedULTRA®
This icon identifies sires with sex-sorted female semen available. All gender SELECTED semen is processed using SexedULTRA technology.

CALVING EASE
These sires are your go-to for your heifers. The Calving Ease logo identifies sires that rank high for Calving Ease Direct and/or have been successfully used in the field on virgin heifers.

gender SELECTED™ 4M SexedULTRA™
Look for the gender SELECTED 4M icon to identify sires with sex-sorted female semen available in 4 million sperm doses. All gender SELECTED semen is processed using SexedULTRA technology.

CARCASS
The Carcass logo designates sires that will add carcass value and quality. These sires rank high for marbling, ribeye area and $B.

gender SELECTED™ 4M SexedULTRA™
This icon identifies sires with sex-sorted male semen available. All gender SELECTED semen is processed using SexedULTRA technology.

CAB TARGETING THE BRAND
Identifies sires that will help you target CAB standards.

44 BUY BACK PROGRAM
This represents a sire with progeny qualifying for the 44 Farms Prime Pursuits and Angus Strong buy back programs. Using these sires will make your calf crop eligible to participate in 44 supply chain opportunities.

2021

TOP REGISTRATION SIRES

SELECT SIRES INC.

Angus

7AN644 DEER VALLEY *OPTIMUM* 9246

$30

Dam of OPTIMUM

Full sister to OPTIMUM

AAA: 19466633
DOB: 02/13/19
TAT: 9246

BASIN PAYWEIGHT 1682
SIRE: DEER VALLEY GROWTH FUND
DEER VALLEY RITA 36113

GAR PROGRESS
DAM: GAR PROGRESS 830
GAR 1I1 RITO 3346

◊ OPTIMUM was named for his ability to combine phenotype with the right amount of growth and performance in a functional frame size with a numeric data set offering Calving Ease, superb growth, breed-leading Marbling and superior $ Indexes.

◊ His dam, GAR Progress 830, has established herself as one of the breeds most impactful donors for propagating extreme marbling as she holds an ultrasound progeny record with 58@113 for IMF and 57@102 for UREA. She has 26 daughters in production with 39 progeny combining for a average weaning ratio of 102.

◊ The first calves by OPTIMUM are on the ground and standouts for phenotype in the pasture! The early information suggests OPTIMUM will be a true calving ease sire without sacrificing growth and eye appeal.

◊ This sire is stacked with breed-leading genetics that are poised to move the next generation forward.

From Deer Valley Farm, Lane View Farms and Kenneth Carey, TN; Express Ranches and Long Ranch, OK; Stevenson Angus Ranch and Darrell Stevenson, MT; Tehama Angus Ranch, CA; Katie Colin Farm, GA and Norm Schenk, KY

EPDs as of 11/09/21	Production												Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	15	-.7	79	149	.32	1.85	.6	.69	24	.53	.44	-.09	12.1	16	33	-	85	.6	-34	68	1.00	.67	.080	-	-	73	92	118	61	179	305
Acc	.45	.72	.49	.45	.34	.34	.48	.50	.40	.36	.36	.26	.28	.34	.33	-	.39	.41		.43	.40	.39	.37	-	-						
% Rank	3	15	10	3	4	95	35	60	20	65	25	20	40	2	10		20	25	95	5	10	35	95			15	2	5	15	5	3

Individual sire performance data is listed on pages 94-95.

7AN528 DEER VALLEY *GROWTH FUND*

SELECT SIRES   *$40*

DVF

Higgins

Daughter, Deer Valley Farm, TN

Daughter, Deer Valley Farm, TN

Daughter, Nowatzke Cattle, IN

Open camera.
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Click to
learn more.

AAA: 18827828	BASIN PAYWEIGHT 006S	PLATTEMERE WEIGH UP K360
DOB: 01/22/17	**SIRE:** BASIN PAYWEIGHT 1682	**DAM:** DEER VALLEY RITA 36113
TAT: 71122	21AR O LASS 7017	DEER VALLEY RITA 9457

◊ GROWTH FUND provides dependable, highly proven genetics that have risen to the top of many of the best herds in the country. His progeny are easy to find in the pasture and on paper.

◊ Study the details of his remarkable EPD profile. He hits the marks with progeny proof to back it up!

◊ Offers consistent quality in terms of phenotype and genetic merit from most any pedigree combination. This bull does it all very well.

◊ His progeny have topped both bull and female sales across the country with built-in profit for both seller and buyer.

◊ His first daughters are in production and are stand-out two-year-olds wherever you see them. They possess beautiful udder quality with small teats and level udders with excellent teat placement.

◊ Easy to use, easy to like, easy to sell. Increase your assets — invest in GROWTH FUND.

From Deer Valley Farm, TN; Edisto Pines, SC; Britt Angus, GA; Trowbridge Angus, NY; Austin Family Angus, CA and Lawson Farms and Tom Baker, VA

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	1.3	92	172	.35	2.18	.6	.88	28	.37	.43	2.58	14.2	16	34	11	129	.9	-55	80	.51	.71	.047	2	395	75	97	132	43	175	302
Acc	.82	.96	.94	.89	.52	.52	.89	.89	.83	.72	.69	.33	.51	.54	.44	.25	.51	.48		.57	.52	.51	.52	3	872						
% Rank	25	55	1	1	1	95	35	45	10	10	20	85	20	2	10		1	10	95	1	50	25	90			15	1	1	50	10	4

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | 7

7AN700 G A R HOMETOWN HERO

$30

NEW

AAA: 19862896
DOB: 09/12/20
TAT: 6890

SIRE: GAR HOME TOWN

GAR ASHLAND
CHAIR ROCK SURE FIRE 6095

DAM: GAR MOMENTUM 2977

GAR MOMENTUM
CHAIR ROCK PROPHET 3054

◊ Sired by the red-hot sales leader, 7AN580 HOME TOWN, HOMETOWN HERO could easily be his most unique son.
◊ HOMETOWN HERO is an absolute phenotypic standout that is a man among boys. He is powerful from end to end with tons of base width and capacity.
◊ Power sire with good feet, solid foot EPDs and lots of MARB. Those are traits not usually talked about in the same sentence and this is why we are so excited!
◊ Famous pedigree that combines Select Sires greats of HOME TOWN, 7AN392 MOMENTUM, 7AN320 PROPHET and 7AN255 5050.
◊ Semen available Spring 2022.

From Gardiner Angus Ranch, KS

METHOD GENETICS

MPI / %	163 / 5
QPI / %	182 / 1
ROI / %	309 / 1

" One of HOME TOWN's most powerful sons to date. Physically magnificent with exceptional feet combined with an agility appreciated by all. It is exciting to our family that this bull's pedigree stacks 14 Select Sires bulls, all the way back to Schearbrook Shoshone. This is significant in the fact that the discipline of selection to create these genetics goes back 50 years if you look at Shoshone's birthdate in 1971. HOMETOWN HERO's elite presence combined with growth, marbling and functionality gives him the opportunity to enhance our industry with genetics that excel today. No surprise when we look at the exceptional sires of note in his ancestry that have led our industry to the beef demand that we all enjoy today!

Mark Gardiner
Gardiner Angus Ranch, KS "

EPDs as of 11/09/21	Production												Maternal								Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	4	2.4	75	139	.27	1.96	.5	1.00	22	.44	.47	.88	6.0	10	23	-	61	.3	-17	76	1.69	1.03	.034	-	-	63	73	121	100	221	350
Acc	.33	.48	.41	.35	.29	.29	.43	.38	.32	.23	.24	.21	.20	.26	.27	-	.33	.36		.39	.36	.36	.33	-	-						
% Rank	70	75	15	10	30	95	55	40	30	25	40	45	95	35	70		55	60	60	3	1	4	80			50	20	3	1	1	1

Individual sire performance data is listed on pages 94-95.

AAA: 19266718
DOB: 09/06/18
TAT: 7488

GAR EARLY BIRD	GAR SURE FIRE
SIRE: GAR ASHLAND	**DAM:** CHAIR ROCK SURE FIRE 6095
CHAIR ROCK AMBUSH 1018	CHAIR ROCK PROGRESS 3005

◊ HOME TOWN continues to write a great story and offers a value proposition like few sires can.
◊ Ratioing 107 for IMF against tough competition, he offers phenomenal genetics to generate high-quality, high-value end-product.
◊ Moderate for size, you'll be impressed with the muscle shape and good looks you get in HOME TOWN calves.
◊ One of the top bulls in the breed for registrations, look for him to be there again next year. The Angus sale season featured HOME TOWN offspring at the high end of many sale reports – and this trend will continue.

From Gardiner Angus Ranch and GRCQ LLC, KS and Robert Stumpff, VA

Daughter, Hinkle's Prime Cut Angus, MO

Daughter, 4 Sons Farms, KY

Daughter, EZ Angus Ranch, CA

METHOD GENETICS	
MPI / %	136 / 41
QPI / %	180 / 1
ROI / %	280 / 6

EPDs as of 11/09/21		Production										Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	12	-.3	64	124	.31	1.11	.3	1.15	24	.63	.50	.00	11.2	15	29	-	73	.3	-26	57	1.84	1.19	-.042	-	31	57	70	117	114	231	357
Acc	.78	.92	.88	.53	.38	.38	.71	.59	.36	.29	.35	.21	.24	.29	.29	-	.39	.41		.51	.44	.46	.44	-	152						
% Rank	15	20	35	20	10	70	70	30	20	95	55	25	50	3	25		30	50	80	20	1	1	3			55	25	5	1	1	1

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN463 TEX *PLAYBOOK* 5437

$30

Daughter, Jac's Ranch, AR

Daughter, Boyd Beef Cattle, KY

Daughter, 4 Sons Farm, KY

Open camera.
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learn more.

AAA: 18414912
DOB: 08/03/15
TAT: 5437

BASIN PAYWEIGHT 006S
SIRE: BASIN PAYWEIGHT 1682
21AR O LASS 7017

SUMMITCREST COMPLETE 1P55
DAM: RITA 1C43 OF 9M26 COMPLETE
RITA 9M26 OF RITA 5F56 PRED

◊ One of our very best for customer satisfaction! PLAYBOOK consistently sires high-quality cattle that are quiet, deep-bodied and structurally correct with exceptional eye appeal.
◊ Highly proven calving ease sire that builds phenomenal replacement females.
◊ As many breeders turn more attention to maternal traits, PLAYBOOK makes the list every time. He's at the top of the breed for $M and $W with $C in the top 10 percent.
◊ Built in fertility with a top 10 percent ranking for Heifer Pregnancy and his daughters prove it.
◊ One of the top maternal sires of the breed!

From Teixeira Cattle Co., CA; Deer Valley Farms and Crazy K Ranch, TN; Rishel Angus, NE; Black Gold Genetics, IL; Valley Oak Angus, MO and Spruce Mountain Ranch, CO

EPDs as of 11/09/21	Production												Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	-.2	61	106	.19	1.29	.0	1.01	28	.53	.42	.29	16.4	17	32	227	-7	-.3	7	49	.48	.37	.039	1	805	110	93	95	38	133	283
Acc	.88	.96	.95	.93	.46	.46	.92	.92	.85	.72	.71	.36	.68	.85	.82	812	.70	.66		.55	.49	.50	.50	1	2018						
% Rank	10	20	40	45	85	80	90	35	10	65	20	30	10	1	15		95	90	10	35	55	75	85			1	2	30	60	50	10

Individual sire performance data is listed on pages 94-95.

14AN502 TEHAMA *TAHOE* B767

Accelerated Genetics

$25

Kate Roberts

Daughter, Myers Angus, KY

Daughter, Boyd Beef Cattle, KY

Daughter, Tamme Valley Farm, KY

Open camera. Scan code. Click to learn more.

AAA: 17817177
DOB: 09/06/13
TAT: B767

	SITZ UPWARD 307R
SIRE: TEHAMA UPWARD Y238	TEHAMA ELITE BLACKBIRD T735

	SAV FINAL ANSWER 0035
DAM: TEHAMA MARY BLACKBIRD Y684	TEHAMA MARY BLACKBIRD T073

◊ TAHOE is one of the most complete sires in the Angus breed. He is a proven, multi-purpose sire that will take you in the right direction for a wide variety of traits.
◊ Few sires can match his combination of Calving Ease, Performance, Maternal Traits, and Carcass Merit while improving phenotype and longevity.
◊ TAHOE has been utilized both in seedstock and commercial programs yielding great results by producing consistent progeny for the pasture and the sale ring, including several sale toppers across the country.
◊ Ranks near the top of the breed for Maternal value. He makes beautiful daughters that are easy-fleshing, deep-ribbed, with excellent udder quality and teat length.
◊ Ranking very high for hair shedding, TAHOE covers the bases for many regions and climates.
◊ A high accuracy sire that has exceeded all expectations, bred by a program that has been focused on maternal output coupled with end-product value.

From Tehama Angus Ranch, CA; VanDerVeen Farms and Cory VanDerVeen, KS and Jake Swisher, NE

EPDs as of 11/09/21	Production											Maternal						Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	0.1	78	135	.25	1.70	.3	1.17	21	.50	.49	2.09	14.0	9	33	38	34	-.1	-10	53	.91	.95	.007	8	295	96	106	92	67	159	302
Acc	.89	.96	.94	.91	.52	.52	.92	.90	.86	.77	.77	.37	.71	.73	.68	168	.67	.74		.67	.64	.60	.63	25	1005						
% Rank	25	25	10	10	40	95	70	25	30	50	50	80	25	45	10		75	85	40	25	15	10	45			1	1	40	10	20	4

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Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

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7AN698 BIGK/WSC *IRON HORSE* 025F

$35

NEW

Daughter, Cox Ranch, TX

Daughter, Wall Street Cattle, MO

AAA: 19415015
DOB: 08/30/18
TAT: 025F

EXAR STUD 4658B
SIRE: EXAR STALLION 7986
EXAR BLACKCAP 3385

SANDPOINT BUTKUS X797
DAM: EXAR HENRIETTA PRIDE 5702
SITZ HENRIETTA PRIDE 643T

◊ New to Select Sires for 2022. IRON HORSE has been on our radar for some time and we are excited to add him to our lineup as a proven sire.
◊ Study his EPD profile closely. IRON HORSE is a high ranking $C sire that also brings exceptional growth and carcass. However, his most unique traits are his high-ranking foot EPDs. High $C with great foot EPDs are very rare!
◊ The support photos don't lie…IRON HORSE complements his EPD profile with great phenotype.
◊ Lots of mating flexibility being an outcross for most. EXAR Stallion x BUTKUS.
◊ Semen available Spring 2022.

From Wall Street Cattle Co., MO

Daughter, Linz Heritage Angus, IN

EPDs as of 11/09/21

	Production												Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	11	0.7	83	152	.36	1.36	.7	.96	28	.46	.29	1.03	11.1	13	28	-	91	.5	-34	74	.91	1.26	-.053	-	10	78	89	132	75	208	348
Acc	.62	.80	.69	.40	.33	.33	.48	.41	.32	.26	.26	.23	.20	.29	.30	-	.37	.39		.44	.37	.38	.34	-	14						
% Rank	20	40	3	2	1		85	25	40	10	30	1	50	55	10	30		15	30	95	2	15	1	2			10	3	1	4	1	1

Individual sire performance data is listed on pages 94-95.

14AN545 DEER VALLEY WALL STREET

Accelerated Genetics

$35

Higgins

Daughter, Long Angus Ranch, OK

Daughter, Deer Valley Farm, TN

Daughter, Deer Valley Farm, TN

Open camera. Scan code. Click to learn more.

AAA: 18827829
DOB: 01/23/17
TAT: 71128

SIRE: BASIN PAYWEIGHT 1682

BASIN PAYWEIGHT 006S
21AR O LASS 7017

DAM: DEER VALLEY RITA 36113

PLATTEMERE WEIGH UP K360
DEER VALLEY RITA 9457

◊ WALL STREET is a true beef sire with tremendous depth of body and thickness from head to tail. He's a masculine sire that captures your attention from every angle.
◊ High ranking for HP, Marbling, foot quality and growth, WALL STREET hits the high marks on the $Indexes.
◊ This sire provides a rare combination of traits that are coupled with the ability to sire exceptional phenotype. One of his daughters was named the Grand Champion PGS female at the 2021 National Junior Angus Show.
◊ Wide, deep and super-sound, WALL STREET is easily one of the most physically impressive sires in our lineup.

From Deer Valley Farm and Allison Farms, TN; Schiefelbein Farms, MN; Bar 7 Genetics, AL; Lawson Farms, VA and Cheer-Up Farm, CT

EPDs as of 11/09/21			Production											Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	7	0.3	76	147	.29	2.12	.1	.90	14	.46	.41	1.39	15.9	11	28	-	85	.5	-31	63	1.03	.58	.065	1	63	75	80	114	63	177	305
Acc	.62	.89	.85	.74	.47	.47	.75	.73	.66	.57	.55	.30	.40	.36	.35	-	.46	.47		.53	.48	.48	.48	1	145						
% Rank	45	30	10	3	15	95	85	45	65	30	15	60	10	25	30		20	30	90	10	10	45	95			15	10	10	15	5	3

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN466 SAV *RAINFALL* 6846

$30

Daughter, Janssen Angus, IA

Daughter, Tamme Valley Farm, KY

Daughter, Schaff Angus Valley, ND

Open camera. Scan code. Click to learn more.

AAA: 18578963
DOB: 01/09/16
TAT: 6846

OCC PAXTON 730P
SIRE: COLEMAN CHARLO 0256
BOHI ABIGALE 6014

SAV 8180 TRAVELER 004
DAM: SAV BLACKCAP MAY 4136
SAV MAY 2397

◊ Maternal strength at its best!
◊ Ranks at the top of the breed for $Maternal and his daughters support it. Consistently sires deep-ribbed, easy-fleshing females that are moderate-framed with ideal udder structure and quiet dispositions.
◊ A low birth weight cowmaker that sires high volume cattle with extra width of base and dimension, flawless structure, and an unmistakable profile and presence.
◊ One of our best for improving feet as validated by his Claw and Angle EPDs.
◊ If you desire high-quality, problem-free cattle that get the job done with minimal expense, RAINFALL delivers consistently.

From Schaff Angus Valley, ND and Square B Ranch and Cattle Co., MO

EPDs as of 11/09/21		Production												Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	7	0.2	59	111	.28	.91	-.3	.98	23	.34	.38	1.19	12.4	5	28	43	21	-.5	-1	20	.66	.59	.014	3	237	88	68	63	50	113	235
Acc	.90	.96	.94	.90	.52	.52	.87	.89	.84	.67	.67	.39	.40	.65	.59	114	.51	.53		.61	.57	.55	.57	11	744						
% Rank	45	30	50	40	20	55	95	40	25	3	10	55	40	80	30		85	95	20	90	35	45	55			3	30	90	35	75	45

Individual sire performance data is listed on pages 94-95.

7AN618 PVF *MARVEL* 9185

Focus Kyla

SELECT SIRES $40

Daughter, Prairie View Farms, IL

Daughter, Prairie View Farms, IL

Daughter, Prairie View Farms, IL

Open camera.
Scan code.
Click to
learn more.

AAA: 19566408
DOB: 04/27/19
TAT: 9185

PVF INSIGHT 0129
SIRE: PVF BLACKLIST 7077
PVF BLACKBIRD 3070

C&C MCKINLEY 3000 EXAR
DAM: PVF MISSIE 5245
PVF MISSIE 0084

◊ MARVEL stacks the most elite show heifer genetics ever produced at PVF.
◊ He combines the popular Blacklist with the most powerful donor female to ever come out of the Missie cow family.
◊ His first progeny to sell were PVF sale toppers and we will see more of them in the 2022 show season.
◊ MARVEL is flawless in design. He has tremendous rib shape, extra depth of body, a long, powerful hip and is as sound and free moving as you can make one.
◊ MARVEL combines a pedigree that will provide all the ingredients to make him an impact sire for those searching for high phenotype cattle that can compete at any level.

From Prairie View Farms and Ashton Dillow, IL; Boyd Beef Cattle and Hammerhead Cattle Co., KY

EPDs as of 11/09/21			Production										Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	6	2.8	58	105	.29	.07	.4	.07	6	.57	.54	.14	10.1	5	25	-	75	.4	-25	49	.52	1.01	-.036	-	-	35	53	112	54	166	250
Acc	.28	.52	.40	.31	.25	.25	.37	.33	.27	.19	.19	.18	.15	.23	.24	-	.30	.33		.33	.29	.30	.26	-	-						
% Rank	55	85	50	50	15	10	55	90	90	80	75	25	65	80	50		30	40	80	35	50	5	5			95	65	10	25	15	30

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | **15**

$30
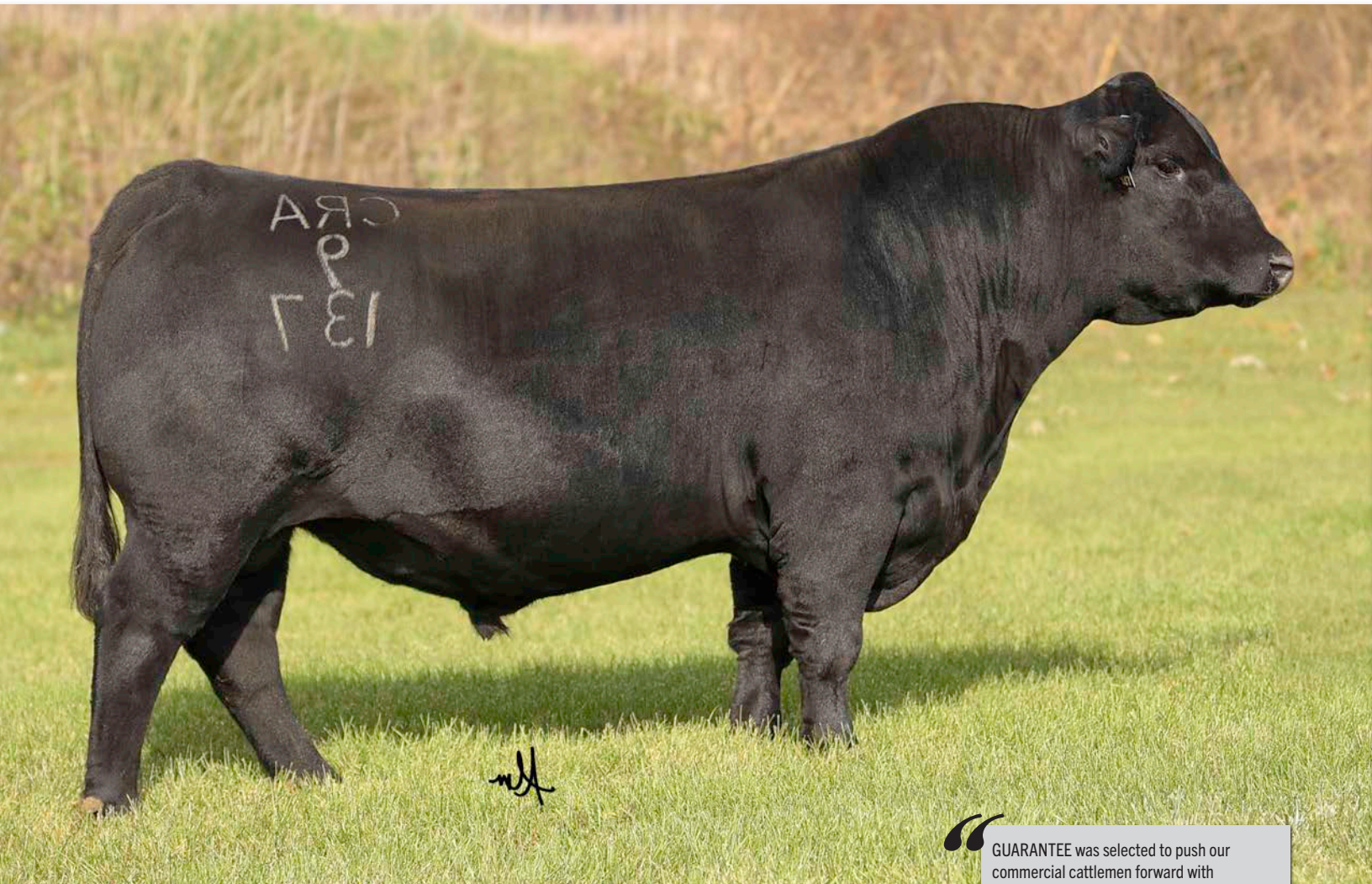
"GUARANTEE was selected to push our commercial cattlemen forward with unmatched EPDS. He delivers the right amount of width, dimension and true muscle shape. His fleshing ability along with his fertility will keep you in the cattle business!

Roman Schooley
Schooley Cattle Co., IA"

AAA: 19526770
DOB: 02/19/19
TAT: 9137

BASIN PAYWEIGHT 1682
SIRE: CONNEALY PAYRAISE
PRIDE FAIR OF CONANGA 351

CONNEALY ARMORY
DAM: CRAWFORD MS ARMORY D40
GAR NEW DAY N2290

◊ GUARANTEE is a six-frame power sire with stunning phenotype and double digit CED with EPD predictions that place him in the top 5 percent of the breed for WW, YW, RADG, DOC, CW, $M, $F, $W and $C.
◊ He offers a fresh pedigree with a masculine herd sire look. He provides added length of body with a wide top and base width with true muscle expression and extra depth of body.
◊ His first calves are on the ground and he stamps them with eye appeal and pure quality.
◊ Pedigree, performance and phenotype - this sire is the epitome of multi-trait excellence.
◊ Check out his video on the website, this sire is a real stud that deserves serious attention.

From Schooley Cattle Co., IA

Daughter, Bob Jon Farm, IL

EPDs as of 11/09/21		Production												Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	1.2	84	160	.35	2.01	.5	1.22	30	.61	.50	2.18	14.2	5	36	-	68	-.1	-27	72	.67	.67	.016	-	-	84	99	121	52	172	307
Acc	.48	.70	.64	.43	.33	.33	.54	.48	.35	.27	.27	.23	.25	.30	.31	-	.37	.40		.44	.38	.38	.35	-	-						
% Rank	25	50	3	1	1	95	45	25	4	90	55	80	20	80	4		35	85	85	3	30	35	60			4	1	4	30	10	3

Individual sire performance data is listed on pages 94-95.

7AN594 WILKS *REGIMENT* 9035

$30

Daughter, 4 Sons Farms, KY

Daughter, Wilks Ranch, TX

Daughter, 4 Sons, KY

AAA: 19401188
DOB: 01/08/19
TAT: 9035

SIRE: **WAR CAVALRY B063 Z044**

CONNEALY CAVALRY 1149

WAR CC&7 Z044 X029

DAM: **VINTAGE CHLOE 6137**

VAR EMPIRE 3037

VAR CHLOE 2227

◊ REGIMENT breaks the barriers for BW to YW spread. His calves are born easily and are quick to grow, many from his first calf crop are leaders across the country and have demanded top sale prices.
◊ He blends a highly sought-after pedigree with incredible growth and carcass predictions.
◊ REGIMENT was the lead member of a tremendous flush with his full siblings commanding top prices at the Wilks Sale.
◊ He is built from the Chloe cow family that has consistently produced breed-leading genetics in both the Basin and Vintage programs.
◊ His $Indexes are impressive being in the elite top 1 percent of the breed for $F, $W, $B and $C.
◊ REGIMENT has been in high demand and we are just getting started. His unique blend of pedigree, performance and phenotype ranks him among the breed's very best.

From Wilks Ranches, TX; Linz Heritage Angus, IN; Wall Street Cattle Co., MO and 4 Sons Farm, KY

EPDs as of 11/09/21		Production												Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	12	0.1	92	170	.37	2.09	1.2	1.24	16	.61	.58	1.60	16.5	12	33	-	108	1.3	-44	87	.65	1.25	-.034	-	1	72	102	138	62	200	331
Acc	.51	.77	.52	.39	.30	.30	.48	.42	.30	.22	.21	.22	.18	.28	.29	-	.35	.37		.39	.34	.34	.30	-	1						
% Rank	15	25	1	1	1	95	2	25	55	90	90	65	10	20	10		5	1	95	1	35	1	10			20	1	1	15	1	1

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.*

7AN510 E W A *PEYTON* 642

$25

◊ PEYTON has stood the test of time – and shows no signs of slowing down.
◊ He is the only sire in the breed with his combination of CED +11 and WW +93 at his level of Accuracy. Then you add in the rest of his genetic offering and it's easy to see why his daughter progeny are commanding top prices!
◊ Proven, big-time stats for growth, Marbling, Heifer Pregnancy and $Combined – he's for real.

From Edgewood Angus LLC, VA and Dave Dockter, ND

METHOD GENETICS	
MPI / %	159 / 7
QPI / %	173 / 1
ROI / %	297 / 2

EXAR DENVER 2002B
SIRE: QUAKER HILL MANNING 4EX9
QUAKER HILL BLACKCAP 0A32
GAR PROGRESS
DAM: EWA 444 OF 968 PROGRESS
EDGEWOOD LADY 968

AAA: 18675107
DOB: 09/07/16
TAT: 642

Open camera. Scan code. Click to learn more.

Daughter, Brumfield Angus, MI   *Daughter, 2 Bar Angus, TX*   *Daughter, Dixie Farms, LA*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	11	2.2	93	163	.33	1.74	1.2	.37	20	.53	.50	1.26	19.3	9	34	11	114	1.1	-48	85	1.23	.84	.018	1	146	82	99	138	78	217	363
Acc	.72	.92	.88	.81	.44	.44	.86	.80	.73	.65	.63	.24	.27	.52	.44	31	.46	.49		.53	.47	.48	.47	1	294						
% Rank	20	75	1	1	3	95	2	80	35	65	55	55	1	45	10		4	3	95	1	3	15	60			5	1	1	3	1	1

7AN695 E W A *NETWORK* 025

$30

◊ NETWORK is the culmination of several generations of Select Sires genetics that have stood the test of time.
◊ This powerful young sire is unique on paper and in the flesh. He is very stout with extra bone and foot size, extra depth of body and a powerful hip. A standout among his contemporaries, NETWORK posted a WW ratio of 109 and a YW ratio of 105.
◊ Growth and carcass merit are off the charts with top 1 percent ranking for YW, $F, $B, $W and $C.
◊ Study the details, this one can build profit at each segment of the beef business.
◊ Semen available Spring 2022.

From Edgewood Angus LLC, VA and the NETWORK Group

NEW

EWA PEYTON 642
SIRE: EWA TEAMWORK 821
EWA 543 OF 117 WEIGH UP
SS NIAGARA Z29
DAM: EWA 8124 OF 6131 NIAGARA
EWA 6131 OF 2052 FORTRESS

AAA: 19866645
DOB: 08/12/20
TAT: 025

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	12	0.3	87	165	.40	1.23	.7	.62	26	.48	.46	4.15	10.0	11	39	-	120	.9	-53	92	1.14	1.24	.005	-	-	58	100	160	81	240	369
Acc	.35	.53	.45	.40	.30	.30	.50	.46	.32	.32	.32	.22	.18	.25	.26	-	.34	.37		.39	.35	.35	.32	-	-						
% Rank	10	30	2	1	1	65	30	65	15	40	35	95	75	25	1		3	10	95	1	10	1	40			65	1	1	2	1	1

Individual sire performance data is listed on pages 94-95.

7AN579 E W A *TEAMWORK* 821

SELECT SIRES $25

Daughter, Edgewood Angus, VA

Daughter, Edgewood Angus, VA

Daughter, Oakdale Farms, GA

Open camera. Scan code. Click to learn more.

AAA: 19306646
DOB: 08/15/18
TAT: 821

SIRE: EWA PEYTON 642
EWA 444 OF 968 PROGRESS

QUAKER HILL MANNING 4EX9

DAM: EWA 543 OF 117 WEIGH UP
EDGEWOOD LADY 117

PLATTEMERE WEIGH UP K360

◊ TEAMWORK's early offspring have captured plenty of attention. His ratios for Birth and Weaning are impressive at 99 and 104, respectively.
◊ Siring above-average thickness, TEAMWORK offers explosive growth along with powerful end-product merit – and does it with incredible Calving Ease!
◊ Take advantage of TEAMWORK's futuristic genetics, he offers improvement in a lot of places.

From Edgewood Angus LLC, VA; Dockter's W-Heart Ranch and 6 Mile Angus, ND

METHOD GENETICS

MPI / %	174 / 1
QPI / %	158 / 5
ROI / %	300 / 1

EPDs as of 11/09/21	Production												Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	14	-.6	94	172	.40	1.53	.8	.33	25	.54	.41	.86	13.3	13	32	-	138	1.1	-58	94	.95	1.21	.014	-	5	64	101	158	71	229	361
Acc	.46	.70	.62	.51	.35	.35	.61	.56	.45	.42	.41	.24	.21	.31	.31	-	.39	.41		.44	.39	.39	.37	-	12						
% Rank	5	15	1	1	1	90	20	80	15	70	15	45	30	10	15		1	3	95	1	15	1	55			35	1	1	5	1	1

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | **19**

7AN538 44 *BRAGGING RIGHTS* 4372

$20

◊ A proven Calving Ease sire that creates premium feeder cattle with exceptional growth, performance and industry leading end-product value.
◊ Backed by a phenomenal cow family, he sires ultra-attractive, long-bodied, deep-ribbed, heavy-muscled progeny that are phenotypical standouts.
◊ With modest milk and extra fleshing ability, he's an ideal choice for low input environments.

From 44 Farms, TX and Twelve Stones Ranch, AR

AAR TEN X 7008 SA
SIRE: VAR DISCOVERY 2240
DEER VALLEY RITA 0308
CONNEALY CAPITALIST 028
DAM: 44 RUBY 2357
44 RUBY X110

AAA: 17894794
DOB: 09/16/14
TAT: 4372

Open camera. Scan code. Click to learn more.

Dam of BRAGGING RIGHTS   *Daughter, Daltons on the Sycamore, VA*   *Daughter, Gardiner Angus Ranch, KS*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
															Maternal						Carcass			C	U			$Value			
EPD	12	-.9	71	128	.25	1.56	.3	1.00	30	.55	.49	4.43	12.9	6	8	34	61	.0	-9	55	1.05	1.00	.004	7	162	60	55	100	74	173	284
Acc	.73	.89	.86	.79	.44	.44	.84	.81	.67	.35	.37	.30	.29	.63	.62	.90	.51	.50		.74	.72	.68	.70	62	342						
% Rank	15	15	20	15	40	90	70	40	4	70	50	95	35	75	95		45	75	40	20	10	5	40			45	60	25	4	10	10

7AN544 44 *MAIN STREET* 7049

$20

◊ MAIN STREET combines two of the most prominent cow families in the 44 Farms program with 44 Ruby 2357 and Lucy 11209.
◊ Huge BW to YW spread with strong carcass merit and high-ranking HP, CEM, $M and $W, plus he excels for docility.
◊ He is a stout-featured, wide-bodied sire with tremendous width of top and muscle expression.
◊ He can be used as a Calving Ease sire to make daughters that are exceptional cows as well as generating value-added feeder calves.

From 44 Farms, TX

AAR TEN X 7008 SA
SIRE: 44 MAIN ATTRACTION 4793
DA ES RO LUCY 11209
CONNEALY CAPITALIST 028
DAM: 44 RUBY 2357
44 RUBY X110

AAA: 18770757
DOB: 02/19/17
TAT: 7049

Open camera. Scan code. Click to learn more.

Dam of MAIN STREET   *Paternal Grandam of MAIN STREET*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
															Maternal						Carcass			C	U			$Value			
EPD	10	0.4	76	133	.25	1.65	.4	1.24	31	.63	.55	.86	16.0	11	25	-	66	.2	-20	51	.93	.53	.036	-	1	82	82	98	60	158	287
Acc	.43	.71	.64	.43	.33	.33	.54	.48	.37	.24	.24	.24	.20	.31	.32	-	.37	.40		.42	.38	.38	.35	-	1						
% Rank	25	30	10	10	40	95	55	25	3	95	80	45	10	25	50		40	60	65	30	15	50	85			5	10	25	15	20	10

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Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224
Individual sire performance data is listed on pages 94-95.

44 FARMS®
SINCE 1909

THERE IS STRENGTH *in* NUMBERS.

AND OUR NUMBERS ARE STRONG.

ANGUS STRONG®

The highest priority of our Angus Strong® genetics program is the success and profitability of our customers. It starts with an emphasis on the traits that our customers find to have the greatest economic impact on their herds and balanced EPD profiles.

In this age of new technology and avenues to market cattle, they are still sold by the pound. Nearly every producer markets their calves at weaning time or they will background their cattle and then sell them as yearlings. The sires used in our embryo and AI programs are many of the finest in the Angus breed for these important growth traits.

Some producers choose to retain ownership of their calves and market them at endpoint. Our genetics are strategically bred with this marketing option in mind. Marbling is a hallmark of 44 Farms genetics. With the potential of these calves being in our Prime Pursuits® program with Walmart®, producing an all-natural

USDA Prime or Choice product is a necessity. The bulls produced at 44 Farms are some of the best marbling bulls in the breed – producing high-marbling calves in a wide variety of cows and environments.

Improved performance, carcass quality and all-important convenience traits drive profitability for our customers. They invest with confidence knowing that with every breeding decision we make, the commercial producer's wants and needs are being met.

LET US HELP YOU IMPROVE THE PREDICTABILITY, PERFORMANCE AND PROFITABILITY OF YOUR HERD.

44 FARMS®
SINCE 1909

44 FARMS, LLC.   963 PR 44, CAMERON, TEXAS 76520   254-697-4401   44FARMS.COM

7AN683 HF *SAFE & SOUND* 019

◊ A must-use young sire, SAFE & SOUND offers a unique maternal pedigree that hits the mark for every aspect of the beef business.
◊ This moderate-statured son of 7AN433 IDENTIFIED is destined to be a Calving Ease and Cowmaker sire that still adds end-product merit.
◊ Ranks in the top 1 percent of the breed for both $Maternal and $Weaning, while ranking in the top 10 percent of the breed for $Combined.
◊ Phenotypically complete, SAFE & SOUND, is big-middled, heavy-muscled, with great feet and a herd sire presence.

From Hilton Farms, OK and Connealy Angus, NE

Dam of SAFE & SOUND

	KOUPALS B&B IDENTITY
SIRE:	**MILL BRAE IDENTIFIED 4031**
	MILL BRAE PRO BLACKCAP 1092
	TEX PLAYBOOK 5437
DAM:	**HF EMPRESS 804**
	HF EMPRESS 6007

AAA: 19705988
DOB: 03/04/20
TAT: 019

Open camera. Scan code. Click to learn more.

EPDs as of 11/09/21

			Production										Maternal							Carcass				C	U		$Value				
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	14	-.7	77	135	.25	1.77	.2	.79	16	.42	.50	1.23	16.8	13	32	-	46	.1	-15	54	.89	.87	.047	-	-	97	96	89	62	151	293
Acc	.38	.54	.47	.40	.32	.32	.46	.42	.37	.28	.29	.25	.25	.32	.34	-	.38	.41		.42	.37	.37	.33	-	-						
% Rank	4	15	10	10	45	95	85	55	60	20	55	55	10	10	15		70	75	50	30	20	15	90			1	1	40	15	30	10

7AN688 RL *JUSTICE*

NEW

◊ Fresh pedigree for Select Sires' customers looking for a cowmaker with mating flexibility.
◊ A high growth, high phenotype Justified son that moves the needle for Heifer Pregnancy, feet, and docility.
◊ JUSTICE is moderate-sized, big-ribbed and massive hipped with a lot of eye appeal and great feet. Expect him to make outstanding replacement females.
◊ For those breeding for balanced-trait, problem-free cattle, JUSTICE is a must-use sire.

From Rock Lake Angus, WY and Stevenson Angus, MT

	CONNEALY JUDGMENT
SIRE:	**KG JUSTIFIED 3023**
	KG MISS MAGIC 1443
	BARSTOW CASH
DAM:	**RL CASH LADY 8988**
	RL MANDATE LADY 2981

AAA: 19836564
DOB: 02/18/20
TAT: 2096

EPDs as of 11/09/21

			Production										Maternal							Carcass				C	U		$Value				
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	-.3	67	130	.27	1.60	.2	1.72	27	.23	.32	2.45	15.5	9	36	-	48	-.2	-18	50	.80	.68	.067	-	-	99	85	97	54	151	295
Acc	.38	.54	.47	.42	.31	.31	.46	.48	.36	.29	.29	.28	.26	.32	.34	-	.39	.42		.42	.38	.38	.35	-	-						
% Rank	20	20	30	15	30	90	85	10	15	1	2	85	20	45	3		70	95	60	40	30	35	95			1	5	25	30	30	5

Individual sire performance data is listed on pages 94-95.

> MOVIN ON is a high phenotype bull with built in maternal power. He is very long-spined, has added muscle shape and tons of character. He addresses a lot of needs in terms of his foot quality and quiet disposition. Based on our first calves, they were born small, with excellent vigor. He will be our go-to bull for calving ease that still offers the right necessities.
>
> Charlie Boyd
> Boyd Beef Cattle, KY

AAA: 19573709
DOB: 02/11/19
TAT: G780

POSS EASY IMPACT 0119	GAR PROPHET
SIRE: BALDRIDGE ALTERNATIVE E125	**DAM:** BALDRIDGE ISABEL B061
BALDRIDGE BLACKBIRD A030	BALDRIDGE ISABEL Y69

◊ On the cutting edge of Angus genetics, MOVIN ON is built from royalty.
◊ He's an elite calving ease prospect with all the perks for fertility, maternal traits, growth and end-product merit.
◊ MOVIN ON is ideal in his structure and type with exceptional foot quality. He has a long, square hip with a strong rear leg, extra depth of body and width throughout.
◊ Built from the two most prominent cows in the Baldridge program, Y69 and A030.
◊ His first calves have arrived with ease and have hit the ground running.
◊ If calving ease and growth get your attention, then add MOVIN ON's type and pedigree to the equation and he makes the short list in a hurry.

From Baldridge Bros., NE; Boyd Beef Cattle and Blake Boyd, KY and Trowbridge Angus, NY

EPDs as of 11/09/21			Production											Maternal								Carcass			C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	14	0.1	75	129	.21	1.77	.5	.81	29	.45	.44	-.15	12.8	13	22	-	75	.6	-23	61	1.10	.80	.029	-	-	78	77	100	71	171	300
Acc	.35	.50	.43	.39	.31	.31	.51	.49	.46	.29	.29	.22	.22	.31	.29	-	.33	.36		.39	.35	.36	.33	-	-						
% Rank	5	25	10	15	70	95	45	50	10	30	25	20	35	10	70		30	25	75	15	10	20	75			10	15	25	5	10	4

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN604 YON *TOP CUT* G730

◊ Few sires can put together a 'TOP CUT' of as many traits as this youngster. Several significant programs have found him and put him to use.
◊ Breeders coast-to-coast are discovering that high $Maternal together with high $Combined is a great place to be. TOP CUT provides this opportunity.
◊ Below-average for YH, TOP CUT is solidly made and sound with numbers that draw attention.

From Yon Family Farms, SC

Full sister to TOP CUT

	KM BROKEN BOW 002
SIRE:	**SPRING COVE RENO 4021**
	SPRING COVE LIZA 021
	VAR DISCOVERY 2240
DAM:	**YON SARAH D668**
	YON SARAH A615

AAA: 19476453
DOB: 11/09/18
TAT: G730

Open camera. Scan code. Click to learn more.

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	11	1.8	81	139	.26	1.71	.4	1.57	28	.41	.52	3.72	20.9	12	27	-	53	.4	-16	56	1.68	.97	-.042	-	-	112	90	96	104	200	371
Acc	.41	.66	.49	.44	.33	.33	.52	.49	.36	.37	.36	.26	.28	.33	.33	-	.40	.39		.41	.37	.37	.34	-	-						
% Rank	20	65	4	10	30	95	55	10	10	15	65	95	1	20	40		55	40	55	20	1	10	3			1	2	30	1	1	1

7AN697 YON *COUNTY ROAD* H1389

NEW

◊ One of the most unique Angus sires to enter A.I. this year.
◊ COUNTY ROAD is a Calving Ease and Cowmaker deluxe from one of the most respected maternal herds in the country.
◊ His pedigree is written for maternal strength and is validated with a high $Maternal index and high Heifer Pregnancy!
◊ This sire will catch one's eye on paper but it gets even better in the pasture. COUNTY ROAD is a very deep-sided sire that tracks wide and has exceptional foot quality with a long, level hip, a strong topline and his shoulder blends well into his body.
◊ Check out his rare combination of $M and $C, it doesn't get much better!
◊ If you're breeding heifers, making cows or just trying to cover all the bases, take a "COUNTY ROAD" tour, you will end up at the right place.
◊ Semen available Spring 2022.

From Yon Family Farms, SC

Sire of COUNTY ROAD

	CONNEALY COMRADE 1385
SIRE:	**YON CHATTOOGA E46**
	YON SALLY C200
	TEX PLAYBOOK 5437
DAM:	**YON HAZEL F1045**
	YON SARAH A507

AAA: 19824135
DOB: 01/22/20
TAT: H1389

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	-1.0	77	131	.24	1.46	.6	.93	33	.48	.42	-1.67	17.1	13	36	-	19	.1	-5	57	.73	.63	.068	-	-	119	104	95	50	145	307
Acc	.37	.53	.46	.41	.30	.30	.50	.47	.33	.33	.33	.22	.25	.28	.29	-	.38	.38		.39	.35	.35	.33	-	-						
% Rank	10	10	10	15	55	80	40	45	2	40	20	3	10	10	3		95	75	25	25	35	45	95			1	1	30	40	35	3

Individual sire performance data is listed on pages 94-95.

7AN525 SPRING COVE *COMPOUND* 12E

$20

Daughter, Spring Cove Ranch, ID

Son, ZumBrunnen Angus, WY

Open camera. Scan code. Click to learn more.

AAA: 18875915
DOB: 01/21/17
TAT: 12E

SIRE: SPRING COVE CROSSBOW

KM BROKEN BOW 002	
SPRING COVE PRETTY 205	

DAM: SPRING COVE LIZA 507

BASIN PAYWEIGHT 1682	
SPRING COVE LIZA 309	

◊ Amazing data for CED and minus BW have made COMPOUND the first choice for many commercial heifer programs.
◊ He targets 'foundation traits' with his high HP and CEM – perfect to make useful daughters.
◊ Amazingly deep-ribbed, COMPOUND is bred to keep frame size in check and target good-doing, high-capacity offspring.

From Spring Cove Ranch, ID

> "Our COMPOUND daughters are good uddered, moderate and did a great job with their first calves. His sons have been customer favorites including several sale toppers. 14 Compound sons sold in our March 2021 bull sale and averaged $11,060."
>
> Art Butler, Spring Cove Ranch, ID

EPDs as of 11/09/21		Production												Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	18	-2.7	63	116	.28	.79	.0	.51	23	.69	.58	1.73	17.4	13	29	1	61	.1	-20	48	.82	.64	.038	-	10	70	75	97	56	153	268
Acc	.62	.80	.72	.60	.36	.36	.61	.59	.49	.27	.27	.28	.24	.38	.33	1	.41	.42		.46	.39	.40	.37	-	23						
% Rank	1	2	35	30	20	45	90	70	25	95	90	70	4	10	25		45	70	65	35	20	35	85			20	15	30	20	25	20

***Fall 2021 Angus Breed Average EPDs* Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN473 CONNEALY *LEGENDARY* 644L

$22

◊ His popularity continues because of his reliable Calving Ease, excellent calf vigor, early rapid performance, and high fertility.
◊ He combines breed leading growth with moderate mature size, added muscle and structure as well as any proven sire in the breed.
◊ A carcass merit rock star ranking near the top of breed for Marbling, REA, $B, and $C. He has over 800 progeny with ultrasound records ratioing 110 for IMF and 102 for REA.
◊ He makes very productive daughters with excellent udder quality and ranks high for HP.
◊ An excellent choice for heifer projects, as he is consistently one of our high fertility sires in timed A.I. projects. Objective breeding records has earned him our Fertility Verified status.

From Connealy Angus Ranch, NE and Square B Ranch and Cattle Co., MO

	MCC DAYBREAK
SIRE:	**QUAKER HILL RAMPAGE 0A36**
	QHF BLACKCAP 6E2 0F4V16 4355
	MORGANS DIRECTION 111 9901
DAM:	**JAZZED OF CONANGA 4660**
	JAZE OF CONANGA 234

AAA: 18534952
DOB: 01/23/16
TAT: 644L

Open camera. Scan code. Click to learn more.

Daughter, Daltons on the Sycamore, VA   *Daughter, Daltons on the Sycamore, VA*   *Son, Stokrose Farms, WA*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	9	-.9	72	117	.22	1.08	.4	.86	12	.50	.61	1.17	16.9	10	24	41	60	.0	-17	52	1.21	1.03	-.024	5	289	77	85	92	83	175	304
Acc	.85	.95	.93	.89	.57	.57	.90	.87	.82	.69	.68	.34	.54	.70	.61	124	.62	.52		.68	.65	.61	.64	27	813						
% Rank	30	15	15	30	65	65	55	45	70	50	95	55	5	35	60		45	75	60	25	3	4	10			10	5	40	2	10	3

(Production | Maternal | Carcass | C | U | $Value)

14AN553 FREYS *COWBOY LOGIC*

$20

◊ COWBOY LOGIC sires as much eye-appeal, dimension, and density as any proven calving ease sire in the Angus breed.
◊ He's a foot improver with an outcross pedigree for mating flexibility.
◊ Ranks near the top of the breed for CED, BW and CEM while siring calves with excellent vigor and tremendous early growth.
◊ Progeny are powerfully constructed, stout featured and high performance with excellent feet.

From Frey Angus, ND and Hoover Angus, IA

	HA OUTSIDE 3008
SIRE:	**HA COWBOY UP 5405**
	HA BLACKCAP LADY 1602
	WK BOBCAT
DAM:	**FAR PRINCESS 148Z**
	FAR PRINCESS 214X

AAA: 19256275
DOB: 01/27/18
TAT: 181F

Open camera. Scan code. Click to learn more.

Daughter, Hoover Angus, IA   *Son, Hoover Angus, IA*   *Daughter, Hoover Angus, IA*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	17	-.7	69	123	.28	.67	.6	.59	4	.50	.44	3.64	11.4	17	20	-	62	.4	-16	39	.06	.42	-.011	-	14	63	68	81	24	105	199
Acc	.63	.85	.81	.70	.40	.40	.70	.68	.65	.53	.52	.27	.24	.32	.35	-	.43	.44		.50	.44	.45	.42	-	92						
% Rank	1	15	20	20	20	40	35	65	95	50	25	95	50	1	80		45	40	55	55	95	70	25			40	30	60	90	85	75

(Production | Maternal | Carcass | C | U | $Value)

Individual sire performance data is listed on pages 94-95.

7AN523 FERGUSON *TRAILBLAZER* 239E

$25

SELECT SIRES

Daughter, Green Valley Cattle, NE

Daughter, Green Valley Cattle, NE

AAA: 18996007		AAR TEN X 7008 SA	LD EMBLAZON 999
DOB: 02/18/17	**SIRE:** VAR DISCOVERY 2240		**DAM:** MOLITOR999 BARBELLA 940-3012
TAT: 239E		DEER VALLEY RITA 0308	MOLITOR FA BARBELLA 389-940

◊ Blaze a new trail with one of the exciting and highest $Combined sires in our lineup.
◊ In addition to Weaning and Yearling performance, he is a breed leader for the functional traits of Heifer Pregnancy, Docility, and Marbling and his progeny ratio 112 for IMF.
◊ He combines a no holes EPD profile with added frame size, extra length of body, muscle shape, and great Docility.
◊ Progeny are thick topped and attractive patterned with excellent shape, balance, and design.
◊ Very few sires can match his carcass merit and maternal value combination without sacrificing performance and phenotype.
◊ An excellent choice where a touch more frame and growth is preferred. He does this with modest Calving Ease, added Carcass Merit, and excellent Maternal Value.

From Ferguson Angus, KS

Son, Brumfield Angus, MI

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	7	1.0	93	167	.31	2.08	.8	1.44	28	.54	.45	2.72	20.1	13	26	-	123	.9	-48	57	1.48	.45	.021	2	21	85	93	96	84	180	318
Acc	.65	.85	.81	.70	.43	.43	.71	.65	.57	.31	.31	.30	.28	.35	.37	-	.46	.47		.56	.49	.48	.47	5	38						
% Rank	45	45	1	1	10	95	20	15	10	70	30	90	1	10	45		2	10	95	20	1	65	65			4	2	30	2	5	2

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN589 MYERS *SILVERADO* M109

$25

◊ Moderately sized, thick, with a very attractive phenotype. SILVERADO is loaded with maternal strength from elite cows throughout his pedigree.

◊ A 14AN502 TAHOE son with added muscle shape in an eye-appealing package. An excellent mating choice to moderate frame, improve feet and legs, and add body substance.

◊ Elite Maternal Value - One of the best in our line-up for the functional traits of $M, Heifer Pregnancy, Claw, and Angle.

◊ If you want Calving Ease without giving up substance and muscle shape, SILVERADO will do it in a sound eye-pleasing package.

◊ Leading edge $Combination genetics with an emphasis on $Maternal and complete phenotype.

◊ Sure bets are always in demand – that's why SILVERADO's pedigree of TAHOE, 7AN388 NIAGARA, and 7AN320 PROPHET offer confidence to many breeders.

From Myers Angus Farm, KY

TEHAMA UPWARD Y238
SIRE: TEHAMA TAHOE B767
TEHAMA MARY BLACKBIRD Y684

SS NIAGARA Z29
DAM: MYERS KEM M87
MYERS KEM M85

AAA: 19418336
DOB: 01/28/19
TAT: M109

Open camera. Scan code. Click to learn more.

Dam of SILVERADO *Maternal Sister to SILVERADO*

EPDs as of 11/09/21		Production											Maternal							Carcass			C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	0.6	82	147	.28	2.17	.5	.36	16	.42	.39	5.00	16.1	11	31	-	49	-.2	-16	60	.96	.67	.044	-	-	101	98	97	62	159	307
Acc	.41	.68	.46	.39	.32	.32	.45	.41	.36	.30	.30	.26	.26	.32	.33	-	.38	.41		.42	.37	.37	.33	-	-						
% Rank	25	35	4	3	20	95	45	80	55	20	10	95	10	25	15		60	90	55	15	10	35	90			1	1	30	15	20	3

Individual sire performance data is listed on pages 94-95.

7AN607 HOFFMAN *STAGECOACH* 1908

$25

◊ A truly unique sire with an elite combination of phenotype, performance, and maternal strength.
◊ STAGECOACH ranks near the top of the breed for Heifer Pregnancy (HP), $M, $W, and $C, and does this with breed leading growth and performance.
◊ His first progeny are very attractive and ratioing 99 for BW and 107 for YW.
◊ His pedigree combines two of our best in 14AN502 TAHOE and 7AN351 CAPITALIST.

From Hoffman Ranch, NE

	TEHAMA UPWARD Y238
SIRE:	**TEHAMA TAHOE B767**
	TEHAMA MARY BLACKBIRD Y684
	CONNEALY CAPITALIST 028
DAM:	**BSG COUNTESS 1705 OF 028**
	BSG COUNTESS 1501 OF 547W

AAA: 19479475
DOB: 02/09/19
TAT: 1908

Open camera. Scan code. Click to learn more.

Dam of STAGECOACH

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	1.3	96	155	.27	1.69	.5	1.13	12	.42	.44	2.48	17.1	11	24	-	64	.2	-19	67	.56	.74	-.011	-	-	106	105	105	50	155	307
Acc	.42	.61	.50	.41	.31	.31	.44	.45	.33	.27	.27	.22	.24	.29	.30	-	.37	.39		.41	.35	.35	.31	-	-						
% Rank	25	55	1	2	25	95	45	30	70	20	25	85	5	25	60		40	60	65	5	45	25	25			1	1	15	35	20	3

7AN464 DEER VALLEY *UNIQUE* 5635

$22

◊ Appropriately named for his ability to consistently produce easy keeping, deep bodied, sound structured cattle that perform well and make trouble-free daughters.
◊ He is truly one-of-a-kind in terms of structure, sheer mass, dimension, and depth of body.
◊ UNIQUE moves you forward for economically relevant traits while improving phenotypic function and longevity.
◊ A female-generating sire who is rich in pedigree with two breed legends - 7AN349 WEIGH UP and 643T.

From Deer Valley Farm and Taylor Angus Farms, TN

	SITZ UPWARD 307R
SIRE:	**PLATTEMERE WEIGH UP K360**
	BARBARA OF PLATTEMERE 337
	CONNEALY ONWARD
DAM:	**SITZ HENRIETTA PRIDE 643T**
	SITZ HENRIETTA PRIDE 81M

AAA: 18429666
DOB: 08/05/15
TAT: 5635

Open camera. Scan code. Click to learn more.

Son, Yon Family Farms, SC

Daughter, Daltons on the Sycamore, VA

Dam of UNIQUE

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	8	0.4	71	131	.30	1.26	.4	.50	18	.49	.48	2.66	14.2	9	23	19	79	.7	-25	49	.85	.96	-.018	6	90	67	70	99	66	165	281
Acc	.75	.92	.90	.83	.51	.51	.84	.80	.79	.64	.62	.29	.40	.56	.49	44	.51	.47		.64	.60	.57	.59	20	272						
% Rank	40	30	20	15	10	80	55	70	45	45	45	90	20	45	65		25	20	80	35	20	10	15			30	25	25	10	15	10

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN368 CONNEALY *COMRADE* 1385

$20

◊ COMRADE will turn 11 this year, and continues to add to his record as the all-time high selling beef sire at Select Sires.
◊ This Calving Ease king delivers consistent, attractive calves who excel for Docility and moderate frame size.
◊ With nearly 7,000 Angus BW records, COMRADE continues to rank in the top 1 percent of breed for CED and BW.
◊ His daughters make easy fleshing, useful cows with an attractive pattern and super udders.
◊ An excellent choice for commercial heifer A.I. projects where a proven Calving Ease sire is a must.

From Connealy Angus Ranch, NE

CONNEALY CONSENSUS
SIRE: CONNEALY CONSENSUS 7229
BLUE LILLY OF CONANGA 16
GAR NEW DESIGN 5050
DAM: HAPPY GEE OF CONANGA 919
HAP GINA OF CONANGA 260 4965

AAA: 17031465
DOB: 02/02/11
TAT: 1385

Open camera. Scan code. Click to learn more.

Daughter, Legacy Farms, KY · *Son, Bruning Angus, NE* · *Daughter, Stewart Select Angus, IN*

EPDs as of 11/09/21			Production										Maternal							Carcass			C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	17	-3.5	46	90	.25	.38	-.4	.18	35	.57	.49	-.13	4.9	8	28	458	-9	-.5	10	20	.58	.62	.004	30	1040	65	72	71	48	120	221
Acc	.92	.97	.96	.94	.67	.67	.94	.93	.91	.81	.80	.57	.76	.89	.90	1609	.82	.84		.75	.73	.69	.73	55	2842						
% Rank	1	1	80	70	40	25	95	85	1	80	50	20	95	55	30		95	95	10	90	40	40	40			35	20	80	35	65	60

7AN617 RR *ENDEAVOR* 9005

$20

◊ Excellent calving ease prospect who now has recorded calving records to back it up. He is setting himself up to follow in the footsteps of Select Sires greats like 7AN368 COMRADE, 7AN432 BANKROLL, 14AN497 NEW ADDITION and 7AN451 FLAT TOP.
◊ ENDEAVOR is proving to be just the sire we expected. He's a go-to heifer bull offering so much more, including growth, maternal and end-product merit.
◊ ENDEAVOR offers an outcross pedigree to most Select Sires bulls and is backed by a beautiful Powerball dam.

From Raymond and Sons Ranch, OR

" We were grateful to progeny test RR ENDEAVOR early in his career. Our customers trusted his potential to be a calving ease specialist and within weeks of purchase he was tested in commercial and registered heifers. The results were recorded; replacement quality heifers, highly marketable bull calves, and heavy weight steers to mix with early load lots. He "Delivered More" than we expected.

Ryan Raymond, Raymond and Sons Ranch, OR "

CONNEALY CAPITALIST 028
SIRE: LD CAPITALIST 316
LD DIXIE ERICA 2053
RAVEN POWERBALL 53
DAM: ROLLIN ROCK BLACKBIRD 7059
ROLLIN ROCK BLACKBIRD 9080

AAA: 19551197
DOB: 01/14/19
TAT: 9005

Open camera. Scan code. Click to learn more.

EPDs as of 11/09/21			Production										Maternal							Carcass			C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	17	-2.9	80	149	.29	1.85	.4	1.27	19	.45	.51	1.43	13.9	13	28	-	84	.6	-31	72	1.02	.52	.060	-	-	75	91	125	62	187	318
Acc	.45	.64	.45	.41	.31	.31	.43	.38	.34	.28	.28	.27	.24	.31	.32	-	.37	.39		.40	.36	.36	.32	-	-						
% Rank	1	2	5	3	15	95	55	20	40	30	60	60	25	10	30		20	25	90	3	10	55	95			15	2	2	15	3	2

Individual sire performance data is listed on pages 94-95.

14AN497 E&B *NEW ADDITION* 608

Accelerated Genetics **$20**

◊ NEW ADDITION is a proven Calving Ease sire with good end-product merit and muscling while still offering a very maternal package with high marks for Docility, Heifer Pregnancy, and $M.

◊ In addition to CE, he is a true maternal gem that ranks near the top of breed for $M. His dam is a super uddered, excellent footed Dash daughter that is a donor at Benoit Angus. His granddam is an elite pathfinder Right Answer daughter.

◊ His daughters set him apart from the crowd. They are easy fleshing, deep ribbed, with excellent udder quality and good feet.

◊ He sires complete, attractive, and sound made cattle with added capacity, and excellent docility.

◊ An excellent choice for commercial heifer projects, where proven Calving Ease, Fertility, and Maternal Value are a must.

From Benoit Angus and Smoky Valley Angus, KS

CONNEALY CONFIDENCE 0100
SIRE: **CONNEALY CONFIDENCE PLUS**
ELBANNA OF CONANGA 1209

SITZ DASH 10277
DAM: **E&B LADY DASH 4152**
E&B LADY RIGHT ANSWER 296

AAA: 18548853
DOB: 01/15/16
TAT: 608

Open camera. Scan code. Click to learn more.

Son, Benoit Angus, KS

Dam of NEW ADDITION

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	16	-1.5	50	89	.24	.28	-.4	.43	34	.52	.57	3.18	16.4	13	33	2	18	-.5	-2	32	.87	.76	.054	3	20	87	68	79	59	138	266
Acc	.68	.85	.80	.69	.40	.40	.74	.71	.52	.33	.38	.25	.26	.40	.38	10	.45	.45		.62	.58	.54	.55	19	76						
% Rank	2	10	75	75	50	20	95	75	1	60	85	95	10	10	10		90	95	25	75	15	20	95			3	30	65	20	40	20

7AN600 SAT *WOLVERINE* 916

Select Sires **$20**

◊ Double digit Calving Ease son of 14AN502 TAHOE out of an outstanding three-year-old dam.

◊ Moderate for size with a massive rib design, incredible soundness, and above average muscle shape.

◊ WOLVERINE will add volume and fleshing ability without sacrificing growth.

◊ An excellent choice for combining a positive $EN with elite Maternal Value and excellent Phenotype.

From Talkington Angus, ND

"WOLVERINE was the standout of his calf crop. He possesses the rare combination of calving ease potential and added muscle. He is exceptional in his skeletal structure and hoof quality. His dam may be the most exciting part about WOLVERINE. She owns an outcross pedigree, is easy fleshing, and excellent footed. She has bred 1st service AI all 4 years she's had a chance. Her birth ratio is 3@96, weaning ratio of 3@105, and yearling ratio of 2@110. WOLVERINE was a heavily used calving ease bull in the region this past spring and early reports on calving ease are promising.

Shane Talkington, Talkington Angus, ND"

TEHAMA UPWARD Y238
SIRE: **TEHAMA TAHOE B767**
TEHAMA MARY BLACKBIRD Y684

BROOKING PROSECUTOR 222
DAM: **SAT PRAIRIE 788**
SAT PRAIRIE 324

AAA: 19544206
DOB: 02/21/19
TAT: 916

Open camera. Scan code. Click to learn more.

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	-2.6	68	105	.14	1.36	.0	.00	16	.40	.38	-.51	11.4	4	28	-	-15	-.4	10	37	.43	.91	.024	-	-	100	93	66	44	110	243
Acc	.37	.54	.46	.42	.31	.31	.45	.39	.35	.28	.28	.23	.26	.31	.32	-	.37	.40		.40	.35	.35	.31	-	-						
% Rank	10	2	25	50	95	75	95	95	60	15	10	15	60	90	30		95	95	4	75	70	10	70			1	2	90	55	85	45

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | **31**

Daughter, Edisto Pines, SC

Daughter, Gardiner Angus Ranch, KS

Daughter, Gardiner Angus Ranch, KS

Open camera. Scan code. Click to learn more.

AAA: 19123898
DOB: 09/03/17
TAT: 507G

SIRE: GAR SURE FIRE

CONNEALY IN SURE 8524

CHAIR ROCK 5050 GAR 8086

DAM: GAR DAYBREAK A3010

MCC DAYBREAK

GAR 5050 NEW DESIGN A91

◊ DUAL THREAT makes a strong statement for carcass premiums with impressive stats for both Marbling and Ribeye.

◊ Like his sire, DUAL THREAT is a solid choice for both heifers and cows, offering well-above average growth without excessive frame.

◊ His complements of high $Maternal and $Weaning make him an easy choice to generate replacements while garnering bonuses for the steer mates.

◊ DUAL THREAT had an amazing sales year in 2021 — his combination of pedigree, performance and phenotype will help him do it again next year.

From Gardiner Angus Ranch, and J L B Ranch, KS; Ogeechee Angus Farm and Travis Bunch, GA

METHOD GENETICS

MPI / %	153 / 13
QPI / %	158 / 5
ROI / %	279 / 6

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
																				Production							**Maternal**				**Carcass**	**C**	**U**	**$Value**
EPD	13	-1.0	65	123	.28	1.18	.6	1.23	25	.45	.36	.21	13.9	5	37	-	60	.4	-24	72	1.44	1.23	.002	-	5	76	83	128	94	222	364
Acc	.43	.68	.59	.40	.37	.37	.54	.49	.37	.29	.29	.28	.26	.33	.33	-	.39	.42		.48	.43	.44	.41	-	27						
% Rank	10	10	30	20	20	75	35	25	15	30	4	30	25	80	3		45	40	75	3	1	1	40			15	10	2	1	1	1

Individual sire performance data is listed on pages 94-95.

7AN642 HPCA *VERACIOUS*

$30

Chris Mitchell©

◊ No other sire in the breed can match his combination of Carcass Weight, Marbling, and REA – he is truly one of a kind.
◊ His high impact dam has proven her ability to transmit high phenotype, maternal ability and elite marbling genetics.
◊ VERACIOUS is a unique combination of breed leading growth in a moderate framed, stout, good footed package.
◊ You can have it all – his tabulation of index values proves he adds value through every segment of the beef production chain.

From Hinkle's Prime Cut Angus and Soaring Eagle Farms, MO; FB Genetics, TX; Terhune Farms and Don Terhune, KS; D&W Angus, GA and 2 Ten Cattle Co., MN

METHOD GENETICS	
MPI / %	155 / 11
QPI / %	167 / 2
ROI / %	289 / 3

KOUPALS B&B IDENTITY
SIRE: MILL BRAE IDENTIFIED 4031
MILL BRAE PRO BLACKCAP 1092
GAR SUNRISE
DAM: HPCA SUNRISE A246
HPCA PROPHET A3

AAA: 19699322
DOB: 02/03/20
TAT: S500

Open camera. Scan code. Click to learn more.

Dam of VERACIOUS

Full sister to VERACIOUS

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	6	1.4	89	155	.30	1.91	.8	-.09	22	.40	.48	.69	13.9	6	35	-	80	.7	-32	78	1.66	1.38	.013	-	-	86	104	119	105	223	375
Acc	.34	.55	.48	.44	.33	.33	.52	.49	.44	.28	.33	.24	.23	.32	.33	-	.38	.40		.42	.38	.37	.34	-	-						
% Rank	55	55	1	2	10	95	20	95	30	15	45	40	30	80	5		30	25	90	2	1	1	55			4	1	4	1	1	1

7AN629 G A R *TRANSCENDENT*

$30

◊ Top 1 percent for Marbling EPD is +1.41 – TRANSCENDENT is +2.20. So . . . if taking advantage of Prime premiums is on your 'to-do' list, your choice is easy!
◊ Breeding diligence and using all the available tools allow for rapid progress towards a goal – TRANSCENDENT is a great example.
◊ Calving Ease with above-average growth, below-average stature and opportunities for major grid premiums put TRANSCENDENT in a class all by himself.

From Gardiner Angus Ranch, KS and Cable Corral Genetics, TX

METHOD GENETICS	
MPI / %	149 / 18
QPI / %	162 / 3
ROI / %	279 / 6

GAR PROGRESS
SIRE: GAR MOMENTUM
GAR BIG EYE 1770
GAR PROPHET
DAM: GAR PROPHET 2685
GAR DAYBREAK 2842

AAA: 19570738
DOB: 08/09/19
TAT: 5139

Open camera. Scan code. Click to learn more.

Dam of TRANSCENDENT

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	15	0.4	70	124	.26	1.21	.4	.01	23	.53	.43	1.91	8.9	8	26	-	74	.4	-25	50	2.20	.94	-.009	-	-	58	76	100	124	225	350
Acc	.32	.45	.39	.35	.31	.31	.50	.48	.44	.26	.26	.21	.26	.30	.31	-	.37	.41		.41	.38	.38	.36	-	-						
% Rank	2	30	20	20	35	65	65	95	25	65	25	70	85	60	45		35	50	80	40	1	10	25			65	15	20	1	1	1

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

7AN560 G A R QUANTUM

$25

◊ Use QUANTUM to not only take advantage of exceptional carcass merit, but also to create big bodied, high performing, eye-appealing calves.
◊ He is a breed leader for both docility and foot scores.
◊ His sons and daughters have topped sales across the country because of their combination of powerful phenotype and exceptional EPDs.
◊ His sire stack of 7AN392 MOMENTUM, 7AN322 PROGRESS, and 7AN222 PREDESTINED is potent and proven.
◊ A proven calving ease sire creating high value sons and daughters.

From Gardiner Angus Ranch, KS; Daltons on the Sycamore, VA and Big Timber Cattle Co., FL

METHOD GENETICS	
MPI / %	156 / 10
QPI / %	147 / 12
ROI / %	274 / 8

GAR PROGRESS
SIRE: GAR MOMENTUM
GAR BIG EYE 1770
CONNEALY IN SURE 8524
DAM: GAR IN SURE 1524
GAR COMPLETE 3011

AAA: 18636059
DOB: 08/18/16
TAT: 5526

Open camera. Scan code. Click to learn more.

Daughter, 4 Sons, KY *Daughter, Angus Hill Farm, NY* *Daughter, Edisto Pines, SC*

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
					Production										**Maternal**						**Carcass**			**C**	**U**			**$Value**			
EPD	14	1.0	72	134	.30	1.43	.8	1.61	25	.42	.45	1.07	6.7	7	35	-	77	.8	-31	64	.95	1.41	-.021	4	263	57	83	114	76	190	303
Acc	.78	.92	.89	.82	.42	.42	.89	.85	.81	.56	.55	.27	.35	.35	.33	-	.45	.46		.59	.55	.54	.55	8	728						
% Rank	5	45	15	10	10	85	20	10	15	20	30	50	90	65	5		25	15	90	10	15	1	15			55	10	10	3	2	3

The Method Matters

The Method Genetics index values are derived from Method Genetics EPDs combined with industry-focused economic weightings. The Method EPDs are generated from a multi-trait, 'single-step' genetic evaluation that uses performance measures, ancestral pedigree, and available DNA genotypes. This single-step approach incorporates the genotypes directly into the genetic evaluation process and was implemented at Method in the summer of 2014.

Method Genetics™ Selection Index Key Used in the catalog

MATERNAL PRODUCTION INDEX (MPI):

The Maternal Production Index is reported in dollars per calf produced from the breeding herd with Angus-based genetics. It encompasses direct and maternal calving ease, heifer pregnancy, weaning growth, maternal milk, and mature size differences in a scenario where replacement females are retained and calves are marketed at weaning.

QUALITY POUNDS INDEX (QPI):

The Quality Pounds Index is reported in dollars per calf for herds with Angus-based genetics. It focuses on the terminal side of the herd's business for feedlot gain and carcass merit genetic differences. There are no provisions for calving ease or maternal traits, with the assumption that all calves are under a retained ownership scenario fed out and marketed on a premium quality-based grid.

Method Genetics Index / Percentile

MPI / %	167 / 1
QPI / %	166 / 1
ROI / %	300 / 1

METHOD GENETICS INDEX PERCENTILE RANKS (%):

A numeric ranking of the animal's Index values on a 1% to 100% scale. A lower numeric value is considered more favorable. For example, a 25% presented with an index indicates that animal is in the upper 25 percent of the animals in the Method Genetics genetic evaluation for calves born in the last five years.

RETAINED OWNERSHIP INCOME (ROI):

Cattle producers interested in a complete production system approach from conception through carcass end-point can use the Retained Ownership Income index. ROI ties together reproduction, calving ease, maternal genetic merit, growth throughout the calf's lifetime, and quality based carcass merit in an Angus-based herd. The ROI is reported in dollars per calf produced in the herd, and consolidates the sub-indexes of MPI and QPI.

7AN389 G A R *SURE FIRE*

Kate Roberts

SELECT SIRES $25

Daughter, 2 Bar C Ranch, TX

Daughter, Goode Angus, TX

Daughter, EZ Angus Ranch, CA

Open camera.
Scan code.
Click to
learn more.

AAA: 17328461	**MYTTY IN FOCUS**
DOB: 02/05/12	*SIRE:* **CONNEALY IN SURE 8524**
TAT: K62	**ENTREENA OF CONANGA 657**

GAR NEW DESIGN 5050	
DAM: **CHAIR ROCK 5050 GAR 8086**	
CHAIR ROCK GRID MAKER 2107	

◊ A proven choice for calving ease, nice females, and significant carcass improvement.
◊ Used heavily in commercial heifer programs, SURE FIRE's ability to boost value as a service sire has helped pay a lot of bills for our customers.
◊ With more than 1500 daughter records and over 260 actual carcass records, no other proven calving ease and high marbling sire comes close.
◊ Use SURE FIRE to take advantage of reduced stature too - he's below breed average for MW, MH and YH.

From Gardiner Angus Ranch and Chair Rock, KS and Mayer Legacy, LLC, OK

METHOD GENETICS	
MPI / %	152 / 14
QPI / %	148 / 11
ROI / %	270 / 10

EPDs as of 11/09/21

	Production												Maternal							Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	0.0	56	106	.26	.88	.3	2.28	26	.55	.43	-.31	7.4	8	29	311	37	.0	-9	46	1.31	.72	.026	85	1595	60	73	97	80	176	288
Acc	.92	.97	.96	.94	.81	.81	.96	.95	.93	.85	.84	.63	.84	.89	.88	1529	.85	.86		.86	.85	.82	.85	267	4541						
% Rank	10	25	55	45	30	55	70	1	15	70	20	15	90	55	25		75	75	40	40	2	25	70			45	20	30	2	10	10

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YOUR SUCCESS *Our Passion.*

7AN518 G A R *XCEPTIONAL* $20

AAA: 18082928 DOB: 02/19/15 TAT: 4080G

SIRE: AAR TEN X 7008 SA
  MYTTY IN FOCUS
  AAR LADY KELTON 5551
DAM: GAR DAYBREAK A3010
  MCC DAYBREAK
  GAR 5050 NEW DESIGN A91

◊ A 14AN377 TEN X son with muscle and high $Combined. Where did he come from?
◊ Offers 'extra' advantages for PAP, CEM, Docility and Marbling in a moderate-sized package.
◊ XCEPTIONAL is seeing heavy use due to his proven low birth weight, well-above average growth and solid figures for carcass value.

From Gardiner Angus Ranch, KS; Ogeechee Angus, GA and Mayer Legacy, LLC, OK

Open camera. Scan code. Click to learn more.

METHOD GENETICS	
MPI / %	176 / 1
QPI / %	137 / 22
ROI / %	286 / 4

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	9	0.4	76	143	.35	1.13	.4	.80	27	.65	.47	.46	11.2	12	33	1	54	.2	-19	70	1.03	.86	.004	6	33	78	89	128	71	199	336
Acc	.66	.85	.79	.66	.46	.46	.74	.70	.39	.33	.33	.31	.28	.42	.39	12	.45	.46		.62	.59	.55	.57	20	77						
% Rank	30	30	10	4	1	70	55	50	10	95	40	35	50	20	10		55	60	65	4	10	15	40			10	3	2	5	1	1

7AN542 G A R *COMBUSTION* $25

AAA: 18943322 DOB: 08/23/17 TAT: 5897

SIRE: GAR SURE FIRE
  CONNEALY IN SURE 8524
  CHAIR ROCK 5050 GAR 8086
DAM: GAR MOMENTUM 1724
  GAR MOMENTUM
  GAR 28 AMBUSH M91

◊ COMBUSTION stamps his calves with a square hip and an attractive phenotype in a medium-sized frame.
◊ With over 300 progeny records ratioing 106 for IMF, COMBUSTION is proven to raise the bar for carcass quality.
◊ His pedigree combination of 7AN389 SURE FIRE x 7AN392 MOMENTUM is known for generating performance cattle with big advantages on a quality grid.

From Gardiner Angus Ranch, KS and 4 Rings Angus, OK

Open camera. Scan code. Click to learn more.

METHOD GENETICS	
MPI / %	162 / 5
QPI / %	179 / 1
ROI / %	305 / 1

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	7	2.0	76	135	.32	1.05	.6	1.19	17	.57	.42	2.41	7.3	7	27	-	66	.6	-22	62	1.57	.89	.012	7	146	60	79	110	94	204	325
Acc	.68	.88	.83	.72	.43	.43	.81	.76	.67	.37	.32	.29	.29	.34	.34	-	.45	.47		.67	.64	.61	.63	30	273						
% Rank	45	70	10	10	4	65	35	25	50	80	20	85	90	65	40		40	25	70	10	1	10	50			45	10	10	1	1	1

7AN591 SC *ABUNDANCE* 42F $18

AAA: 19388669 DOB: 09/09/18 TAT: 42F

SIRE: GAR ASHLAND
  GAR EARLY BIRD
  CHAIR ROCK AMBUSH 1018
DAM: CHAIR ROCK PROPHET 3054
  GAR PROPHET
  CHAIR ROCK 5050 GAR 1131

◊ A proven calving ease sire generating high value feeder cattle with his unique combination of WW, YW, RADG, CW, MARB, and REA.
◊ An ideal mating on 7AN389 SURE FIRE females.
◊ His unique combination of $Maternal, $Weaning, $Beef and $Combined make him easy to find in the Angus database.
◊ ABUNDANCE will sire cattle that feed efficiently and generate grid topping premiums.

From Sherfick Cattle Co. and Brian Walt, KS

Open camera. Scan code. Click to learn more.

METHOD GENETICS	
MPI / %	168 / 3
QPI / %	151 / 9
ROI / %	289 / 3

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	11	0.7	87	137	.22	1.59	.6	.18	27	.57	.53	2.93	8.9	12	28	-	55	.5	-17	55	1.50	1.20	.014	-	-	83	102	85	95	181	318
Acc	.37	.55	.47	.41	.35	.35	.48	.45	.40	.30	.31	.26	.29	.34	.34	-	.39	.43		.44	.40	.40	.37	-	-						
% Rank	20	40	2	10	65	90	35	85	10	80	70	90	75	20	30		50	30	60	20	1	1	55			5	1	50	1	4	2

Individual sire performance data is listed on pages 94-95.

14AN548 E W A *WEST POINT* 7258

AAA: 19054061   DOB: 09/24/17   TAT: 7258

$25

SIRE: **GAR MOMENTUM**
- GAR PROGRESS
- GAR BIG EYE 1770

DAM: **EWA 3114 OF 128 WEIGH UP**
- PLATTEMERE WEIGH UP K360
- EDGEWOOD JAUNTY 128

◊ With over 150 Calving Ease records at 1.0 and 100 scans ratioing 108 for IMF, WEST POINT's progeny data is keeping him 'pointed' in a positive direction.

◊ If you peruse Angus sale reports, then you'll recognize WEST POINT as the sire of high sellers in programs where high $C cattle with an attractive appearance rise to the top.

From Edgewood Angus LLC, VA and The West Point Group

METHOD GENETICS	
MPI / %	171 / 2
QPI / %	167 / 2
ROI / %	305 / 1

EPDs as of 11/09/21	Production												Maternal								Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	1.1	75	139	.33	1.29	.8	.63	24	.65	.51	2.63	9.3	7	36	-	100	.9	-42	66	1.55	.86	.003	-	50	45	85	120	94	214	323
Acc	.66	.88	.81	.66	.39	.39	.76	.68	.60	.49	.49	.22	.33	.32	.32	-	.43	.43		.50	.44	.45	.44	-	94						
% Rank	10	50	10	10	3	80	20	65	20	95	60	90	75	65	4		10	10	95	10	1	15	40			80	5	4	1	1	1

9AN628 E W A *FULL CIRCLE* 9126

AAA: 19643643   DOB: 09/27/19   TAT: 9126

$25

SIRE: **EWA WEST POINT 7258**
- GAR MOMENTUM
- EWA 3114 OF 128 WEIGH UP

DAM: **EWA 7101 OF 4105 SURE FIRE**
- GAR SURE FIRE
- EWA 4105 OF 968 PROGRESS

◊ FULL CIRCLE brings a balanced approach to performance and carcass value from a known pedigree – thus his name, FULL CIRCLE.

◊ With carcass premiums at all-time highs, genetics with above-average Marbling and high end-product indexes are in demand and FULL CIRCLE fits.

From Edgewood Angus LLC, VA

NEW

METHOD GENETICS	
MPI / %	158 / 8
QPI / %	154 / 7
ROI / %	281 / 5

EPDs as of 11/09/21	Production												Maternal								Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	10	1.4	74	128	.30	.79	.5	1.10	30	.57	.44	1.52	7.2	7	25	-	60	.5	-18	61	1.38	.80	.007	-	-	66	79	112	85	197	322
Acc	.36	.52	.45	.40	.30	.30	.49	.45	.33	.31	.31	.21	.20	.25	.27	-	.34	.36		.38	.33	.34	.30	-	-						
% Rank	20	55	15	15	10	35	55	35	5	80	30	60	95	70	55		55	40	60	15	2	20	45			40	15	10	1	1	1

7AN610 44 *FINAL DECISION* 9715

AAA: 19379914   DOB: 01/29/19   TAT: 9715

$30

SIRE: **BYERGO/DOUBLE GG BLACKSTONE**
- BYERGO BLACK MAGIC 3348
- BYERGO MAY 2871

DAM: **44 RUBY 4399**
- VAR DISCOVERY 2240
- 44 RUBY 2357

◊ Maximize feedlot and carcass premiums with FINAL DECISION.

◊ His pedigree is backed by one of 44's best cow families, 44 Ruby 2357.

◊ His progeny will qualify for the 44 Prime Pursuits program.

◊ FINAL DECISION is one of our highest sires for $Combined.

From 44 Farms and Jimbo Fisher, TX

EPDs as of 11/09/21	Production												Maternal								Carcass				C	U	$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	5	2.2	82	154	.36	1.56	1.1	.74	28	.55	.50	1.22	14.3	12	28	-	84	.8	-31	75	1.14	1.30	-.063	-	-	78	84	138	87	224	369
Acc	.34	.54	.46	.38	.32	.32	.51	.47	.36	.26	.26	.22	.17	.29	.30	-	.34	.37		.39	.35	.36	.32	-	-						
% Rank	60	75	4	2	1	90	4	55	10	70	55	55	20	20	30		20	15	90	2	5	1	1			10	5	1	1	1	1

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | **37**

Chris Mitchell ©

AAA: 19469706	BALDRIDGE XPAND X743	PLATTEMERE WEIGH UP K360
DOB: 01/05/18	**SIRE:** BALDRIDGE COLONEL C251	**DAM:** DEER VALLEY RITA 36142
TAT: 81247	BALDRIDGE ISABEL Y69	DEER VALLEY RITA 9457

◊ Power up your cow herd while maintaining phenotype and boosting data.
◊ One of the high phenotype sires in our lineup. He's super thick with added base width and capacity. Displays more visible muscle shape than most, along with a big solid foot, extra depth of rib and a powerful hip structure.
◊ Maternal strength is anchored by two of the most prominent cows in the history of the Angus breed, Y69 and 614.

From Deer Valley Farm, TN; McMillan Angus, MS; Britt Angus Farm, GA, Norm Schenk, KY and Hartley Creek Ranch, OK

EPDs as of 11/09/21		Production												Maternal								Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	11	-1.1	74	143	.30	1.85	.5	.98	15	.52	.56	.68	13.1	14	35	-	65	.4	-26	70	.71	.97	.019	-	2	72	90	118	57	176	300
Acc	.42	.75	.67	.46	.37	.37	.56	.50	.36	.29	.29	.26	.26	.33	.34	-	.41	.44		.46	.39	.40	.37	-	7						
% Rank	20	10	15	4	10	95	45	40	60	60	85	40	30	10	5		40	40	80	4	30	10	60			20	2	5	20	10	4

7AN521 WOODHILL *BLUEPRINT*

SELECT SIRES $25

Chris Mitchell ©

Daughter, Montana Ranch, MT

Daughter, Riverbend Ranch, ID

Daughter, Deer Valley Farm, TN

Open camera.
Scan code.
Click to
learn more.

AAA: 18876777
DOB: 02/10/17
TAT: E60

CONNEALY CONFIDENCE 0100
SIRE: CONNEALY CONFIDENCE PLUS
ELBANNA OF CONANGA 1209

TEHAMA SIERRA CUT Z118
DAM: WOODHILL EVERGREEN Z291-B233
WOODHILL EVERGREEN U6-Z291

◊ BLUEPRINT is quietly becoming the best son of Confidence Plus to date! His offspring have been turning heads and topping sales with several sons landing at major programs and A.I. studs.

◊ He sires the type admired by true cattlemen and is a perfect cross for larger frames and flatter-made females that need more shape and width.

◊ BLUEPRINT is as balanced as you can get from a data standpoint and covers a lot of bases without striking out or being extreme. He adds muscle, over +1.00 REA, improves foot quality, all while maintaining moderate CE and solid maternal traits.

◊ We get requests regularly for bulls that make the "right kind". Well, here he is! BLUEPRINT will be a must-use sire in 2022!

From Woodhill Farms, WI and Deer Valley Farm, TN

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	9	0.6	67	126	.30	1.26	.0	.49	20	.45	.45	2.59	14.1	8	30	13	58	.3	-19	50	.70	1.07	.006	1	171	76	75	102	59	161	285
Acc	.79	.94	.91	.86	.43	.43	.84	.85	.78	.64	.63	.28	.51	.58	.48	50	.48	.49		.55	.50	.50	.50	4	458						
% Rank	30	35	25	20	10	80	90	70	35	30	30	85	20	55	20		50	50	65	30	30	3	45			15	15	20	20	15	10

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

YOUR SUCCESS *Our Passion.* | **39**

7AN550 HOOVER *KNOW HOW*

$25

◊ KNOW HOW offers the extra muscle, power and punch that many cattlemen are looking for.
◊ He is a breed leader for $C but also excels for important maternal traits like HP, Claw, and Angle. A foot improver, fertility improver, and plenty of end product merit…What a combination!
◊ Look for KNOW HOW to sire progeny that are square built, powerfully constructed with added eye appeal and depth.
◊ Study KNOW HOW closely. He puts together several very unique traits.

From Hoover Angus, IA and Teixeira Cattle Co., CA

SIRE: HOOVER NO DOUBT
    MOGCK BULLSEYE
    MISS BLACKCAP ELLSTON J2

DAM: BLKCP EMPRESS ELLSTON L265
    SYDGEN STORM 8504
    BLKCP EMPRESS ELLSTON J120

AAA: 18543644
DOB: 01/27/16
TAT: R67

Open camera. Scan code. Click to learn more.

Daughter, Jac's Ranch, AR

Daughter, Bob Jon Farm, IL

Daughter, Hoover Angus, IA

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	1	3.1	62	135	.37	1.49	.7	1.93	15	.38	.31	1.47	18.5	10	23	2	103	1.1	-37	69	1.03	.91	.021	-	36	62	46	141	70	211	336
Acc	.56	.90	.86	.75	.38	.38	.77	.76	.68	.56	.54	.22	.39	.38	.35	3	.45	.43		.48	.42	.43	.41	-	119						
% Rank	85	90	40	10	1	90	25	3	60	10	1	65	2	35	65		10	3	95	4	10	10	65			40	80	1	10	1	1

7AN388 S S *NIAGARA* Z29

$25

◊ NIAGARA continues to be one of our sales leaders and a high customer-satisfaction sire.
◊ As a high accuracy sire, NIAGARA still ranks among the elites for YW, RADG and REA. He also remains a foot improver with almost 500 records!
◊ Expect offspring to lead the pack for growth and expect daughters to exhibit the extra power and rib shape that is highly sought after. It's no fluke and NIAGARA is showing up in famous pedigrees across the country.

From Stewart Select Angus, IN

SIRE: HOOVER DAM
    SYDGEN CC&7
    ERICA OF ELLSTON C124

DAM: JET SS X144
    B/R NEW DAY 454
    JET SS T151

AAA: 17287387
DOB: 01/05/12
TAT: Z29

Open camera. Scan code. Click to learn more.

Daughter, Riverbend Ranch, ID

Daughter, Pearcy Angus Ranch, TX

Daughter, Davis Angus, OK

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	6	0.9	70	141	.30	2.21	.5	.62	21	.42	.45	1.15	8.5	9	27	221	105	.4	-40	66	.88	1.10	.012	20	803	44	73	116	67	182	280
Acc	.87	.97	.96	.93	.60	.60	.94	.92	.90	.82	.82	.49	.75	.85	.83	790	.78	.82		.73	.71	.67	.71	50	2311						
% Rank	55	45	20	5	10	95	45	65	30	20	30	55	80	45	40		10	40	95	10	15	3	50			85	20	10	10	4	10

Individual sire performance data is listed on pages 94-95.

7AN531 MOGCK *ENTICE*

$25

Daughter, Nowatzke Cattle, IN

Daugther, Hoover Angus, IA

Daughter, Hoover Angus, IA

Open camera.
Scan code.
Click to
learn more.

AAA:	18952921	SYDGEN EXCEED 3223	MOGCK SURE SHOT 253
DOB:	01/31/17	*SIRE:* SYDGEN ENHANCE	*DAM:* MOGCK ERICA 2255
TAT:	2577	SYDGEN RITA 2618	MOGCK ERICA 2162

◊ Exceptional phenotypic presence in a growth oriented, mid-6 frame package. ENTICE is one of our best for $B and $C.

◊ A disposition improver! He scored 1 on the 50K test for Docility and his high-ranking DOC EPD has nearly 300 observations on record.

◊ His dam has a 359-day calving interval on 4 calves and records 4@108 WR, 3@104 YR, 3@107 IMFR and 3@103 UREA ratio.

◊ ENTICE consistently sires increased performance with stout calves that are good structured with added power, depth of body and thickness.

From Mogck & Sons, SD; Hoover Angus, IA and TK Angus, NE

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	3	2.1	77	142	.32	1.78	.8	2.20	33	.30	.45	5.90	13.7	1	31	7	88	.8	-34	67	.95	.81	-.035	8	202	76	80	115	70	185	316
Acc	.81	.94	.93	.88	.43	.43	.87	.87	.84	.73	.72	.31	.48	.44	.43	26	.46	.45		.62	.58	.56	.58	15	662						
% Rank	75	70	10	5	4	95	20	1	2	1	30	95	25	95	15		15	15	95	5	15	20	5			15	10	10	10	3	2

Fall 2021 Angus Breed Average EPDs **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

14AN461 JINDRA *ACCLAIM*

$22

Chance

◊ No. 8 Registration sire for 2021!
◊ ACCLAIM has gained his fame by offering pedigree mating flexibility to high performance pedigrees and end-product merit.
◊ A breed leader for $Feedlot, $Beef, and $Combined as a proven, high accuracy sire.
◊ His daughters create and raise high-performing offspring and do it with excellent udder quality.

From Jindra Angus and Macholan Angus, NE

	JINDRA DOUBLE VISION
SIRE:	**JINDRA 3RD DIMENSION**
	JINDRAS SAPPHIRE J 417
	CONNEALY IMPRESSION
DAM:	**JINDRA BLACKBIRD LASSY 1111**
	JINDRAS ENCHANTRESS J 102

AAA: 17972810
DOB: 01/13/14
TAT: 134

Open camera. Scan code. Click to learn more.

Dam of ACCLAIM

Daughter, Linz Heritage Angus, IN

Daughter, Bruce Cuddy, NC

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	5	1.2	72	141	.36	1.28	1.0	-.07	13	.49	.48	-1.01	10.6	10	28	277	125	1.0	-50	79	.75	.62	-.012	24	1057	35	72	144	57	201	296
Acc	.90	.97	.96	.94	.70	.70	.94	.93	.89	.81	.80	.52	.58	.85	.81	761	.67	.64		.71	.69	.65	.69	45	2587						
% Rank	60	50	15	5	1	80	10	95	65	45	45	10	60	35	30		2	5	95	1	25	40	20			95	20	1	20	1	5

14AN686 CONNEALY *PATENT* 959A

$20

NEW

◊ One of the highest Heifer Pregnancy sires in our line-up.
◊ A 7AN464 UNIQUE son that follows in his sire's footsteps for multi-trait excellence, ranking in the top 35 percent of the breed for 16 EPDs and Indexes.
◊ An excellent Calving Ease sire for low input environments with his moderate milk, under control frame size, fleshing ability, and unique combination of $EN and $Maternal.
◊ A low PAP EPD bull that should work well in high altitude.

From Connealy Angus, NE

	PLATTEMERE WEIGH UP K360
SIRE:	**DEER VALLEY UNIQUE 5635**
	SITZ HENRIETTA PRIDE 643T
	CONNEALY PREMIUM PRODUCT
DAM:	**BUNTY OF CONANGA 146**
	BUNDEE OF CONANGA 9905

AAA: 19847979
DOB: 08/02/19
TAT: 959A

Open camera. Scan code. Click to learn more.

EPDs as of 11/09/21

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	15	-1.9	67	117	.25	1.14	.4	1.19	25	.54	.59	-.59	20.1	15	24	-	46	.4	-11	38	.66	.75	-.007	-	-	94	76	81	54	135	269
Acc	.35	.55	.48	.43	.33	.33	.46	.49	.45	.33	.33	.25	.23	.31	.33	-	.37	.39		.42	.39	.38	.36	-	-						
% Rank	2	4	30	30	45	60	65	30	20	65	90	15	1	3	60		70	50	40	70	40	30	25			2	15	60	30	50	20

Individual sire performance data is listed on pages 94-95.

7AN432 BARSTOW *BANKROLL* B73

AAA: 18036327   DOB: 02/14/14   TAT: B73

$25

	SITZ DASH 10277
SIRE: BARSTOW CASH	
	BARSTOW QUEEN W16
	CAR EFFICIENT 534
DAM: BARSTOW MISS DIANNA Z25	
	BARSTOW MISS DIANNA X128

Open camera. Scan code. Click to learn more.

◊ One of our long-time sales leaders because he is a high customer-satisfaction sire.
◊ Unbeatable in siring calves that come unassisted, have excellent vigor, grow fast and stand out phenotypically.
◊ Known in commercial country for siring moderate sized, attractive, thick made calves.
◊ His daughters are right sized, with lots of rib shape, fleshing ability, beautiful udders, quiet attitudes, and good feet.

From Barstow Angus, NE; Dave Dockter, ND and Hart Farms, SD

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	14	-2.2	58	117	.29	1.35	-.2	1.12	25	.53	.45	1.05	14.8	11	23	108	85	.0	-28	54	.48	.66	.008	12	231	57	60	109	44	153	255
Acc	.86	.95	.93	.89	.64	.64	.88	.85	.76	.52	.50	.42	.33	.76	.75	300	.62	.60		.68	.65	.61	.64	28	586						
% Rank	5	3	50	30	15	85	95	30	15	65	30	50	15	25	65		20	75	85	25	55	35	45			55	50	15	45	25	25

7AN669 SCHIEFELBEIN *NORTH STAR* 6770

AAA: 19892632   DOB: 03/20/20   TAT: 6770

$18

NEW

	GAR PROPHET
SIRE: BALDRIDGE BEAST MODE B074	
	BALDRIDGE ISABEL Y69
	SAV FINAL ANSWER 0035
DAM: FROSTY ELBA 1543	
	FROSTY RETAIL P 1379

Open camera. Scan code. Click to learn more.

◊ Superior BW to YW spread while maintaining moderate mature size and milk.
◊ A $Maternal leader because he checks all the boxes — check out his breed ranking for Heifer Pregnancy, CEM, Docility, feet, and Mature Height.
◊ A calving ease sire with strong maternal quality that doesn't sacrifice end-product merit.

From Schiefelbein Angus Farm, MN

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	17	-1.5	84	149	.26	2.03	.3	.89	27	.41	.28	2.69	13.1	16	18	-	72	.1	-19	62	.72	.78	.040	-	-	93	85	103	54	156	295
Acc	.35	.54	.47	.39	.32	.32	.45	.41	.37	.30	.30	.24	.21	.31	.32	-	.38	.41		.41	.37	.37	.35	-	-						
% Rank	1	10	3	3	35	95	75	45	15	15	1	85	40	1	95		40	75	65	15	35	25	85			2	5	15	30	20	5

7AN511 VERMILION *SPUR* B024

AAA: 17841616   DOB: 02/03/14   TAT: B024

$18

	CONNEALY STIMULUS 8419
SIRE: CONNEALY SPUR	
	JAZZA OF CONANGA 8594
	TC FRANKLIN 619
DAM: VERMILION LASS 2081	
	VERMILION LASS 0344

Open camera. Scan code. Click to learn more.

◊ Outcross, proven calving ease sire that excels for $Maternal and $Weaning.
◊ Ideal for creating problem-free, replacement females that excel for Heifer Pregnancy, Maternal Calving Ease and Docility.
◊ A very useful sire with outstanding mating flexibility siring long-bodied, attractive progeny with performance.

From Vermilion Ranch and Bobcat Angus, MT

EPDs as of 11/09/21		Production											Maternal							Carcass				C	U		$Value					
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HP	CEM	Milk	Hd/Dt	MW	MH	$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	$M	$W	$F	$G	$B	$C
EPD	13	0.1	76	129	.27	1.01	.7	1.09	20	.61	.48	3.01	16.0	15	37	2	60	.4	-24	54	.88	.37	.020	-	20	85	95	107	57	163	296
Acc	.61	.83	.77	.70	.37	.37	.61	.47	.42	.36	.36	.27	.23	.42	.40	11	.42	.41		.47	.40	.42	.39	-	41						
% Rank	10	25	10	15	25	65	25	30	35	90	45	95	10	3	3		45	40	75	25	15	75	65			4	1	15	20	15	5

Fall 2021 Angus Breed Average EPDs   **Production:** CED: 6 BW: 1.2 WW: 57 YW: 101 RADG: .24 DMI: .85 YH: .5 SC: .78 DOC: 16 CLAW: .50 ANGLE: .49 PAP: 1.16
Maternal: HP: 11.2 CEM: 8 MILK: 25 MW: 53 MH: .3 $EN: -14 **Carcass:** CW: 41 MARB: .52 RE: .54 FAT: .012 $M: 57 $W: 58 $F: 85 $G: 43 $B: 129 $C: 224

More
THAN AN A.I. COMPANY

At Select Sires, we are committed to developing market opportunities for our customers to capture increased value for their genetics and management. Our first priority is to maximize the number of pregnancies with superior fertility products, services and genetics, but we don't think our job is done until we help you capture the value you have just created.

We are proud to collaborate with these partners to offer their special marketing channels to you.

PRIME PURSUITS™ · GeneNet · U.S. PREMIUM BEEF® · SUPERIOR Livestock Auction · Profit SOURCE PARTNER™ · ANGUS LINK℠ VALUE ADDED PROGRAMS

We are more than an A.I. company, we are here to help you capture VALUE for your calves.

#deliveringmore

GeneNet

Select Sires acquired GeneNet, a grid marketing company founded by Dr. Ken Conway in 1998, to further our efforts in assisting beef producers as they capture more value for raising better cattle. GeneNet has a 23-year history of helping customers gain access to grid marketing opportunities for their fed cattle and then returning valuable carcass data on those cattle. Customers can use that data to make genetic, management, and marketing decisions to improve quality and profitability.

GENENET PROVIDES THE FOLLOWING OPPORTUNITIES TO SELECT SIRES' CUSTOMERS-OWNERS
- Value-based marketing
- Carcass data
- Market availability and timely marketing

GeneNet is open to beef producers of all sizes and to all types of high-quality genetics. GeneNet, and its strategies and network, are just one more way that Select Sires continues to lead the way by DELIVERING MORE to customers-owners and the beef business at large. Learn more at: www.GeneNetbeef.com or contact our GeneNet manager, Sandra Utter, at sutter@selectsires.com.

To learn more about GeneNet scan here.

SANDRA UTTER
Supply Chain Specialist
(307) 287-6647
sutter@selectsires.com

ALL ANGUS SIRES AVAILABLE

ANGUS CALVING EASE - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	PAGE	PRICE	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	RADG EPD	RADG Acc	DMI EPD	DMI Acc	YH EPD	YH Acc	SC EPD	SC Acc	DOC EPD	DOC Acc	CLAW EPD	CLAW Acc
7AN579	19306646	TEAMWORK	19	25	YES	14	.46	-0.6	.70	94	.62	172	.50	.40	.35	1.50	.35	.8	.61	.33	.56	25	.45	.54	.42
7AN528	18827828	GROWTH FUND	7	40	YES	10	.82	1.3	.96	91	.94	170	.89	.34	.52	2.15	.52	.6	.90	.88	.89	29	.83	.38	.73
7AN594	19401188	REGIMENT	17	30	YES	12	.51	0.0	.77	92	.54	170	.39	.37	.30	2.11	.30	1.2	.49	1.24	.42	16	.30	.61	.22
7AN695	19866645	NETWORK	18	30	NO	12	.35	0.2	.53	88	.45	165	.40	.40	.30	1.23	.30	.70	.50	.62	.46	26	.32	.48	.32
7AN510	18675107	PEYTON	18	25	YES	11	.72	2.2	.92	93	.88	163	.81	.33	.44	1.72	.44	1.2	.87	.37	.80	20	.73	.53	.65
7AN623	19526770	GUARANTEE	16	30	YES	11	.48	0.8	.72	83	.64	159	.43	.35	.33	2.01	.33	.5	.54	1.23	.48	30	.35	.61	.27
7AN483	18636106	PHOENIX	-	25	YES	12	.74	1.0	.90	86	.87	154	.79	.29	.48	2.24	.48	1.2	.86	2.48	.82	22	.76	.52	.59
7AN698	19415015	IRON HORSE	12	35	NO	11	.62	0.7	.80	83	.69	151	.40	.36	.33	1.35	.33	.7	.48	.96	.41	28	.32	.46	.26
7AN617	19551197	ENDEAVOR	30	20	YES	17	.45	-2.9	.64	81	.45	149	.41	.29	.31	1.84	.31	.4	.43	1.27	.38	19	.34	.45	.28
7AN669	19892632	NORTH STAR	43	18	YES	17	.35	-1.4	.54	84	.47	149	.39	.26	.32	2.03	.32	.3	.45	.90	.41	27	.37	.41	.30
7NA644	19466633	OPTIMUM	6	30	NO	15	.45	-0.7	.72	79	.49	149	.45	.32	.34	1.85	.34	.6	.48	.69	.50	25	.40	.53	.36
7AN589	19418336	SILVERADO	28	25	NO	10	.41	0.6	.68	82	.46	147	.39	.28	.32	2.15	.32	.5	.45	.35	.41	16	.36	.42	.30
14AN590	19469706	BRIGADE	38	25	NO	11	.42	-1.1	.75	74	.67	143	.46	.30	.37	1.85	.37	.5	.57	.97	.51	15	.37	.53	.29
2AN604	19476453	TOP CUT	24	20	YES	11	.41	1.8	.66	80	.49	139	.44	.26	.33	1.73	.33	.4	.52	1.57	.49	29	.36	.41	.37
14AN548	19054061	WEST POINT	37	25	YES	13	.66	1.1	.88	75	.81	139	.66	.33	.39	1.30	.39	.8	.76	.62	.68	24	.60	.65	.49
7AN591	19388669	ABUNDANCE	36	18	YES	11	.37	0.7	.55	87	.47	137	.41	.22	.35	1.58	.35	.6	.48	.18	.45	27	.40	.57	.30
7AN479	18423726	FULL MEASURE	-	25	YES	15	.71	-1.0	.91	76	.88	135	.78	.33	.47	.78	.47	.4	.81	.18	.78	5	.66	.66	.50
14AN502	17817177	TAHOE	11	25	NO	10	.89	0.1	.96	78	.94	135	.91	.25	.52	1.69	.52	.3	.92	1.16	.90	21	.87	.49	.78
7AN441	18025296	METHOD	-	25	YES	11	.80	0.8	.92	73	.90	134	.86	.32	.57	1.19	.57	.6	.92	-.58	.89	33	.84	.57	.63
7AN560	18636059	QUANTUM	34	25	YES	14	.79	1.0	.92	72	.89	134	.82	.30	.42	1.45	.42	.8	.89	1.61	.85	25	.81	.41	.56
7AN683	19705988	SAFE & SOUND	22	25	YES	14	.38	-0.7	.54	77	.47	134	.39	.25	.32	1.77	.32	.2	.46	.77	.42	16	.37	.42	.28
7AN544	18770757	MAIN STREET	20	20	YES	10	.43	0.4	.71	76	.65	133	.43	.25	.33	1.68	.33	.4	.54	1.23	.48	31	.37	.64	.24
7AN697	19824135	COUNTY ROAD	24	22	NO	14	.37	-1.1	.53	77	.46	131	.41	.23	.30	1.47	.30	.6	.50	.93	.47	33	.34	.48	.33
7AN688	19836564	JUSTICE	22	22	NO	10	.38	-0.2	.54	67	.47	130	.42	.28	.31	1.61	.31	.2	.46	1.72	.48	27	.36	.23	.29
7AN538	17894794	BRAGGING RIGHTS	20	20	YES	12	.73	-0.9	.89	71	.86	129	.79	.25	.44	1.57	.44	.3	.85	1.00	.81	30	.67	.56	.35
7AN595	19573709	MOVIN ON	23	25	YES	14	.36	0.1	.50	75	.43	129	.39	.21	.31	1.75	.31	.5	.51	.81	.49	29	.46	.45	.29
7AN511	17841616	SPUR	43	18	YES	13	.61	0.2	.83	76	.77	129	.70	.27	.37	1.01	.37	.7	.61	1.10	.47	20	.42	.61	.36
9AN628	19643643	FULL CIRCLE	37	25	YES	10	.36	1.4	.52	74	.45	128	.40	.30	.30	.81	.30	.6	.49	1.10	.45	30	.33	.57	.31
7AN629	19570738	TRASCENDENT	33	30	YES	15	.32	0.4	.45	70	.39	125	.35	.27	.31	1.22	.31	.4	.50	.01	.48	24	.44	.53	.26
7AN624	19123898	DUAL THREAT	32	25	YES	13	.44	-1.0	.68	65	.59	123	.40	.28	.37	1.15	.37	.6	.54	1.23	.49	24	.37	.46	.29
7AN580	19266718	HOME TOWN	9	30	YES	12	.78	-0.4	.92	62	.88	122	.54	.30	.38	1.10	.38	.3	.71	1.16	.59	24	.36	.63	.29
14AN553	19256275	COWBOY LOGIC	26	20	YES	17	.63	-0.9	.85	67	.81	120	.70	.28	.40	.60	.40	.5	.71	.58	.68	3	.65	.50	.53
14AN686	19847979	PATENT	42	20	YES	15	.35	-1.9	.55	68	.48	118	.43	.24	.33	1.15	.33	.4	.46	1.17	.49	25	.45	.55	.33
7AN432	18036327	BANKROLL	43	25	YES	14	.86	-2.2	.95	58	.93	117	.89	.29	.64	1.34	.64	-.2	.88	1.13	.85	25	.76	.53	.52
7AN517	17879330	COUNSELOR	-	22	YES	11	.67	-0.8	.87	61	.83	116	.75	.27	.41	1.30	.41	.4	.65	1.57	.70	26	.66	.52	.50
7AN525	18875915	COMPOUND	25	20	YES	18	.62	-2.7	.80	61	.73	113	.60	.28	.37	.71	.37	0	.61	.49	.59	23	.49	.69	.27
7AN463	18414912	PLAYBOOK	10	30	YES	13	.88	-0.2	.96	61	.95	106	.93	.19	.46	1.29	.46	0	.92	1.01	.92	29	.85	.53	.72
7AN389	17328461	SURE FIRE	35	25	YES	13	.92	0	.97	56	.96	106	.94	.26	.81	.87	.81	.3	.96	2.28	.95	26	.93	.55	.85
7AN600	19544206	WOLVERINE	31	20	YES	13	.37	-2.5	.54	68	.46	105	.42	.14	.31	1.35	.31	0	.45	-.02	.39	17	.35	.39	.28
7AN423	17774305	100X	-	20	YES	18	.80	-4.1	.93	48	.90	99	.86	.29	.48	.77	.48	.4	.91	.19	.89	21	.85	.74	.51
7AN392	17354145	MOMENTUM	-	25	YES	14	.86	0.2	.94	54	.92	99	.89	.24	.61	.83	.61	.2	.93	-.01	.92	27	.90	.43	.69
7AN368	17031465	COMRADE	30	20	YES	17	.92	-3.5	.97	46	.96	90	.94	.25	.67	.37	.67	-.4	.94	.18	.93	35	.91	.57	.81
14AN497	18548853	NEW ADDITION	31	20	YES	16	.68	-1.5	.85	50	.81	89	.69	.23	.40	.28	.40	-.3	.75	.43	.71	35	.53	.51	.33

AAA EPDs as of 11/15/21   = top 35 percent of the breed   *RED TEXT = semen available, but sire is not listed in directory*   🍁 = Canadian availability

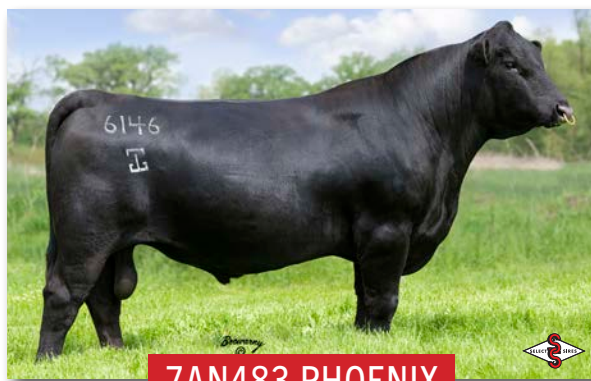| ANGLE | | PAP | | HP | | CEM | | MILK | | MW | | MH | | $EN | CW | | MARB | | REA | | FAT | | $M | $W | $F | $G | $B | $C | $AxH | $AxJ |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| EPD | Acc | EPD | Acc | EPD | Acc | EPD | Acc | EPD | Acc | EPD | Acc | EPD | Acc | EPD | EPD | Acc | EPD | Acc | EPD | Acc | EPD | Acc | EPD | EPD | EPD | EPD | EPD | EPD | EPD | EPD |
| .41 | .41 | .94 | .24 | 13.6 | .21 | 13 | .31 | 32 | .31 | 138 | .39 | 1.1 | .41 | -58 | 94 | .44 | .95 | .39 | 1.20 | .39 | .014 | .37 | 64 | 101 | 159 | 71 | 230 | 362 | 263 | 274 |
| .43 | .70 | 2.63 | .33 | 14.4 | .51 | 16 | .54 | 34 | .43 | 127 | .51 | .9 | .48 | -54 | 80 | .57 | .52 | .52 | .71 | .51 | .048 | .52 | 76 | 97 | 131 | 43 | 175 | 303 | 175 | 165 |
| .59 | .21 | 1.67 | .22 | 17.0 | .18 | 12 | .29 | 33 | .29 | 109 | .35 | 1.3 | .37 | -45 | 87 | .40 | .64 | .34 | 1.25 | .34 | -.036 | .30 | 72 | 102 | 137 | 62 | 199 | 330 | 191 | 220 |
| .46 | .32 | 4.33 | .22 | 9.70 | .18 | 11 | .25 | 39 | .26 | 119 | .34 | .80 | .37 | -53 | 93 | .39 | 1.15 | .35 | 1.24 | .35 | .006 | .32 | 59 | 102 | 159 | 81 | 240 | 370 | 277 | 280 |
| .50 | .64 | 1.32 | .24 | 19.6 | .27 | 9 | .53 | 34 | .44 | 113 | .46 | 1.1 | .49 | -47 | 85 | .53 | 1.24 | .47 | .83 | .48 | .018 | .47 | 83 | 99 | 139 | 79 | 218 | 366 | 182 | 181 |
| .50 | .27 | 2.13 | .23 | 14.4 | .25 | 6 | .30 | 36 | .31 | 69 | .37 | -.1 | .40 | -28 | 72 | .44 | .67 | .38 | .66 | .38 | .016 | .35 | 83 | 98 | 121 | 52 | 173 | 307 | 174 | 156 |
| .45 | .59 | 4.34 | .28 | 11.3 | .35 | 10 | .44 | 25 | .37 | 102 | .45 | .9 | .45 | -37 | 85 | .67 | 1.18 | .64 | 1.11 | .60 | .035 | .63 | 66 | 86 | 129 | 78 | 208 | 336 | 189 | 206 |
| .30 | .26 | .97 | .23 | 11.1 | .20 | 13 | .29 | 27 | .30 | 91 | .37 | .5 | .39 | -33 | 74 | .44 | .91 | .37 | 1.26 | .38 | -.054 | .34 | 78 | 88 | 131 | 75 | 207 | 346 | 229 | 233 |
| .52 | .28 | 1.40 | .27 | 14.1 | .24 | 13 | .31 | 28 | .32 | 85 | .37 | .6 | .39 | -31 | 72 | .40 | 1.02 | .36 | .52 | .36 | .061 | .32 | 76 | 92 | 124 | 62 | 186 | 317 | 178 | 142 |
| .29 | .30 | 2.71 | .24 | 13.3 | .21 | 16 | .31 | 18 | .32 | 72 | .38 | .1 | .41 | -19 | 62 | .41 | .70 | .37 | .79 | .37 | .040 | .35 | 93 | 85 | 103 | 53 | 155 | 294 | 173 | 161 |
| .44 | .36 | -.14 | .26 | 12.2 | .28 | 16 | .34 | 33 | .33 | 84 | .39 | .6 | .41 | -33 | 68 | .43 | 1.00 | .40 | .67 | .39 | .082 | .37 | 74 | 92 | 118 | 61 | 179 | 306 | 185 | 175 |
| .39 | .30 | 4.94 | .26 | 16.1 | .26 | 11 | .32 | 30 | .33 | 49 | .38 | -.1 | .41 | -15 | 60 | .42 | .96 | .37 | .66 | .37 | .045 | .33 | 101 | 96 | 97 | 62 | 159 | 307 | 155 | 132 |
| .56 | .29 | .73 | .26 | 12.9 | .26 | 14 | .33 | 35 | .34 | 65 | .41 | .4 | .44 | -26 | 70 | .46 | .71 | .39 | .96 | .40 | .019 | .37 | 71 | 90 | 118 | 57 | 175 | 298 | 183 | 185 |
| .52 | .36 | 3.75 | .26 | 21.4 | .28 | 12 | .33 | 27 | .33 | 53 | .40 | .4 | .39 | -16 | 56 | .41 | 1.70 | .37 | .97 | .37 | -.040 | .34 | 113 | 88 | 98 | 105 | 203 | 376 | 230 | 203 |
| .51 | .49 | 2.66 | .22 | 9.3 | .33 | 8 | .32 | 37 | .32 | 100 | .43 | .9 | .43 | -43 | 66 | .50 | 1.56 | .44 | .85 | .45 | .003 | .44 | 46 | 86 | 120 | 94 | 214 | 324 | 227 | 227 |
| .53 | .31 | 2.85 | .26 | 8.8 | .29 | 12 | .34 | 28 | .34 | 56 | .39 | .5 | .43 | -17 | 54 | .44 | 1.48 | .41 | 1.20 | .40 | .014 | .37 | 82 | 102 | 84 | 94 | 178 | 313 | 200 | 192 |
| .47 | .49 | 2.27 | .32 | 15.2 | .34 | 14 | .58 | 33 | .52 | 77 | .50 | .5 | .50 | -30 | 53 | .53 | 1.06 | .47 | .56 | .48 | -.036 | .47 | 66 | 90 | 105 | 72 | 177 | 296 | 182 | 145 |
| .48 | .78 | 2.07 | .37 | 14.0 | .71 | 9 | .73 | 33 | .69 | 33 | .67 | -.1 | .74 | -9 | 53 | .67 | .91 | .64 | .95 | .60 | .007 | .63 | 97 | 107 | 92 | 67 | 159 | 303 | 171 | 153 |
| .55 | .64 | 1.94 | .33 | -.9 | .67 | 7 | .72 | 27 | .65 | 102 | .60 | .7 | .64 | -38 | 57 | .72 | .79 | .69 | 1.19 | .65 | .007 | .69 | 24 | 78 | 103 | 64 | 168 | 242 | 176 | 178 |
| .44 | .55 | 1.04 | .27 | 6.6 | .35 | 7 | .36 | 35 | .33 | 76 | .45 | .8 | .46 | -31 | 64 | .59 | .95 | .55 | 1.41 | .54 | -.020 | .55 | 58 | 83 | 114 | 76 | 190 | 304 | 194 | 204 |
| .51 | .29 | 1.18 | .25 | 16.7 | .25 | 12 | .32 | 32 | .34 | 45 | .38 | .1 | .41 | -15 | 54 | .42 | .89 | .37 | .86 | .37 | .047 | .33 | 97 | 96 | 89 | 61 | 150 | 292 | 167 | 152 |
| .54 | .24 | .74 | .24 | 16.0 | .20 | 11 | .31 | 25 | .32 | 66 | .37 | .2 | .40 | -20 | 52 | .42 | .94 | .38 | .54 | .38 | .035 | .35 | 82 | 82 | 98 | 60 | 159 | 288 | 155 | 132 |
| .42 | .33 | -1.74 | .22 | 16.2 | .25 | 13 | .28 | 36 | .29 | 18 | .38 | .10 | .38 | -4 | 57 | .39 | .75 | .35 | .63 | .35 | .07 | .33 | 118 | 104 | 95 | 51 | 146 | 307 | 132 | 115 |
| .32 | .29 | 2.61 | .28 | 15.8 | .26 | 8 | .32 | 36 | .34 | 49 | .39 | -.2 | .42 | -19 | 50 | .42 | .78 | .38 | .67 | .38 | .067 | .35 | 98 | 84 | 97 | 53 | 149 | 291 | 130 | 91 |
| .48 | .37 | 4.37 | .30 | 12.7 | .29 | 6 | .63 | 8 | .62 | 63 | .51 | .1 | .50 | -10 | 55 | .74 | 1.05 | .72 | 1.01 | .68 | .004 | .70 | 58 | 54 | 101 | 74 | 175 | 285 | 190 | 179 |
| .44 | .29 | -.07 | .22 | 12.8 | .22 | 14 | .31 | 20 | .30 | 75 | .33 | .6 | .36 | -22 | 61 | .39 | 1.10 | .35 | .80 | .36 | .029 | .33 | 77 | 75 | 100 | 71 | 171 | 299 | 176 | 166 |
| .48 | .36 | 3.02 | .27 | 16.1 | .23 | 14 | .42 | 36 | .40 | 59 | .42 | .4 | .41 | -23 | 54 | .48 | .88 | .40 | .37 | .42 | .020 | .39 | 85 | 94 | 107 | 57 | 164 | 298 | -4 | 25 |
| .44 | .31 | 1.60 | .21 | 7.5 | .20 | 7 | .25 | 25 | .27 | 61 | .34 | .5 | .36 | -18 | 61 | .38 | 1.38 | .33 | .80 | .34 | .007 | .30 | 66 | 79 | 111 | 85 | 197 | 322 | 206 | 186 |
| .43 | .26 | 1.89 | .21 | 8.7 | .26 | 8 | .30 | 26 | .31 | 74 | .37 | .4 | .41 | -25 | 50 | .41 | 2.21 | .38 | .95 | .38 | -.009 | .36 | 58 | 76 | 101 | 125 | 226 | 351 | 261 | 233 |
| .35 | .29 | .15 | .28 | 14.2 | .26 | 6 | .33 | 37 | .33 | 59 | .39 | .4 | .42 | -24 | 72 | .48 | 1.44 | .43 | 1.23 | .44 | .002 | .41 | 77 | 83 | 129 | 94 | 223 | 366 | 238 | 232 |
| .50 | .35 | -.02 | .21 | 11.2 | .24 | 15 | .30 | 28 | .29 | 72 | .39 | .3 | .41 | -25 | 58 | .51 | 1.82 | .44 | 1.18 | .46 | -.041 | .44 | 55 | 67 | 117 | 113 | 231 | 355 | 262 | 237 |
| .44 | .52 | 3.59 | .27 | 11.7 | .24 | 17 | .32 | 20 | .35 | 59 | .43 | .4 | .44 | -14 | 38 | .50 | .04 | .44 | .42 | .45 | -.012 | .42 | 63 | 67 | 80 | 23 | 103 | 197 | 37 | 14 |
| .59 | .33 | -.82 | .25 | 20.3 | .23 | 15 | .31 | 23 | .33 | 47 | .37 | .3 | .39 | -11 | 38 | .43 | .65 | .39 | .75 | .38 | -.006 | .36 | 94 | 76 | 80 | 54 | 134 | 268 | 132 | 116 |
| .45 | .51 | 1.05 | .42 | 14.8 | .33 | 11 | .76 | 22 | .74 | 85 | .62 | 0 | .60 | -28 | 54 | .68 | .49 | .65 | .65 | .61 | .008 | .64 | 56 | 58 | 109 | 44 | 154 | 256 | 154 | 120 |
| .82 | .48 | 1.44 | .23 | 17.2 | .28 | 6 | .45 | 33 | .46 | 54 | .44 | .2 | .45 | -19 | 57 | .51 | .68 | .45 | .87 | .45 | .002 | .44 | 68 | 73 | 113 | 56 | 169 | 287 | 153 | 127 |
| .58 | .27 | 1.63 | .28 | 17.7 | .24 | 13 | .38 | 29 | .33 | 59 | .41 | 0 | .42 | -19 | 47 | .46 | .82 | .39 | .63 | .40 | .038 | .37 | 70 | 73 | 96 | 56 | 152 | 267 | 167 | 142 |
| .42 | .71 | .34 | .36 | 16.6 | .68 | 17 | .85 | 32 | .82 | -8 | .70 | -.3 | .66 | 7 | 49 | .55 | .48 | .49 | .37 | .50 | .039 | .50 | 111 | 93 | 95 | 38 | 133 | 284 | 125 | 106 |
| .43 | .85 | -.31 | .63 | 7.3 | .84 | 8 | .89 | 29 | .88 | 36 | .85 | 0 | .86 | -9 | 46 | .86 | 1.31 | .85 | .72 | .82 | .026 | .85 | 60 | 73 | 97 | 80 | 176 | 288 | 176 | 144 |
| .38 | .28 | -.42 | .23 | 11.3 | .26 | 4 | .31 | 28 | .32 | -15 | .37 | -.4 | .40 | 10 | 37 | .40 | .43 | .35 | .91 | .35 | .023 | .31 | 100 | 93 | 66 | 44 | 110 | 243 | 111 | 100 |
| .48 | .51 | .70 | .37 | 7.2 | .62 | 19 | .77 | 33 | .76 | 42 | .66 | .5 | .70 | -14 | 39 | .80 | 1.07 | .79 | .72 | .75 | -.055 | .78 | 44 | 65 | 93 | 75 | 168 | 262 | 171 | 158 |
| .44 | .70 | 1.70 | .28 | 3.1 | .76 | 5 | .81 | 31 | .79 | 43 | .72 | .2 | .79 | -13 | 43 | .84 | 1.57 | .83 | 1.00 | .79 | .004 | .82 | 47 | 69 | 92 | 96 | 189 | 292 | 202 | 177 |
| .49 | .80 | -.16 | .57 | 4.6 | .76 | 8 | .89 | 28 | .90 | -9 | .82 | -.5 | .84 | 10 | 20 | .75 | .58 | .73 | .62 | .69 | .004 | .73 | 64 | 72 | 72 | 48 | 120 | 220 | 120 | 83 |
| .56 | .38 | 3.16 | .25 | 16.6 | .26 | 14 | .44 | 34 | .41 | 17 | .45 | -.5 | .45 | -3 | 32 | .62 | .86 | .58 | .76 | .54 | .054 | .55 | 90 | 69 | 79 | 58 | 137 | 268 | 145 | 117 |

ALL ANGUS SIRES AVAILABLE

ANGUS GROWTH - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	PAGE	PRICE	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	RADG EPD	RADG Acc	DMI EPD	DMI Acc	YH EPD	YH Acc	SC EPD	SC Acc	DOC EPD	DOC Acc	CLAW EPD	CLAW Acc
7AN523	18996007	TRAILBLAZER	27	25	YES	7	.65	1.0	.86	93	.81	167	.70	.31	.43	2.08	.43	.8	.71	1.43	.65	29	.57	.55	.31
14AN541	18789776	BONFIRE	-	20	NO	7	.49	1.9	.79	93	.72	164	.55	.27	.40	2.71	.40	1.4	.63	1.44	.58	27	.48	.55	.29
7AN642	19699322	VERACIOUS	33	30	NO	6	.34	1.3	.55	88	.48	155	.44	.30	.33	1.91	.33	.8	.52	-.09	.49	22	.44	.40	.28
7AN607	19479475	STAGECOACH	29	25	NO	9	.42	1.3	.61	96	.50	155	.41	.27	.31	1.68	.31	.4	.44	1.13	.45	12	.33	.42	.27
7AN610	19379914	FINAL DECISION	37	30	NO	5	.34	2.2	.54	82	.46	154	.38	.36	.32	1.58	.32	1.1	.51	.73	.47	28	.36	.56	.26
14AN545	18827829	WALL STREET	13	35	YES	7	.62	0.3	.89	76	.85	147	.75	.29	.47	2.11	.47	.1	.75	.90	.73	14	.66	.46	.57
7AN531	18952921	ENTICE	41	25	YES	3	.81	2.1	.94	77	.93	143	.88	.32	.43	1.81	.43	.8	.87	2.19	.87	33	.84	.30	.74
7AN518	18082928	XCEPTIONAL	36	20	YES	9	.66	0.4	.85	75	.79	142	.66	.35	.46	1.12	.46	.4	.74	.80	.70	27	.39	.65	.33
14AN461	17972810	ACCLAIM	42	22	YES	5	.90	1.2	.97	71	.96	141	.94	.36	.70	1.27	.70	1.0	.94	-.07	.93	13	.89	.49	.81
7AN388	17287387	NIAGARA	40	25	NO	6	.87	0.9	.97	70	.96	141	.93	.30	.60	2.20	.60	.5	.94	.62	.92	21	.90	.42	.82
14AN515	18693041	BALANCE	-	25	NO	8	.45	2.3	.82	80	.75	141	.64	.26	.41	2.10	.41	.6	.62	.53	.63	8	.47	.45	.37
7AN700	19862896	HOMETOWN HERO	8	30	NO	4	.33	2.4	.48	75	.41	138	.35	.27	.29	1.97	.29	.5	.43	1.01	.38	21	.32	.45	.23
7AN452	18943322	COMBUSTION	36	25	YES	7	.68	2.0	.88	76	.83	136	.73	.33	.43	1.04	.43	.6	.81	1.19	.76	17	.67	.58	.38
7AN550	18543644	KNOW HOW	40	25	YES	1	.56	3.2	.90	62	.86	134	.76	.36	.38	1.43	.38	.7	.78	1.93	.76	15	.68	.39	.56
7AN464	18429666	UNIQUE	29	22	NO	8	.75	0.5	.92	71	.90	131	.83	.30	.51	1.22	.51	.4	.85	.51	.80	18	.79	.50	.65
7AN521	18876777	BLUEPRINT	39	25	YES	9	.79	0.6	.94	67	.91	126	.86	.30	.43	1.26	.43	0	.84	.49	.85	20	.78	.45	.64
7AN480	18624785	BONANZA	-	20	YES	7	.72	1.2	.90	72	.87	122	.80	.24	.52	1.04	.52	0	.81	.14	.77	11	.77	.42	.57
7AN473	18534952	LEGENDARY	26	22	NO	9	.85	-0.9	.95	72	.93	117	.89	.22	.57	1.10	.57	.4	.90	.85	.87	11	.82	.50	.69
7AN466	18578963	RAINFALL	14	30	YES	7	.90	0.2	.96	58	.94	111	.90	.28	.52	.91	.52	-.3	.87	.99	.89	23	.85	.35	.67
14AN472	18229488	COMPASS	-	18	NO	9	.79	-0.2	.92	61	.89	110	.84	.24	.44	1.01	.44	-.2	.86	.63	.84	16	.80	.34	.66
7AN516	18746402	DARK FIRE	-	20	YES	9	.63	1.7	.84	60	.80	107	.66	.26	.43	.70	.43	.3	.71	1.17	.66	18	.58	.43	.55
7AN618	19566408	MARVEL	15	40	YES	6	.28	2.8	.52	58	.40	105	.31	.29	.25	.10	.25	.4	.37	.07	.33	7	.27	.56	.19

14AN515 BALANCE

7AN483 PHOENIX

7AN392 MOMENTUM

7AN479 FULL MEASURE

| ANGLE | | PAP | | HP | | CEM | | MILK | | MW | | MH | | $EN | CW | | MARB | | REA | | FAT | | $M | $W | $F | $G | $B | $C | $AxH | $AxJ |
EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	EPD	EPD	EPD	EPD	EPD	EPD	EPD
.46	.31	2.71	.30	20.4	.28	13	.35	25	.37	124	.46	.9	.47	-48	57	.56	1.46	.49	.46	.48	.020	.47	85	92	95	83	179	317	81	70
.51	.29	3.24	.29	10.0	.28	11	.33	31	.33	94	.43	1.1	.45	-37	72	.59	1.21	.56	.68	.53	.019	.53	73	100	102	75	178	304	84	98
.47	.33	.68	.24	14.0	.23	6	.32	35	.33	80	.38	.7	.40	-32	79	.42	1.66	.38	1.39	.37	.013	.34	86	103	120	105	225	378	245	245
.45	.27	2.47	.22	17.2	.24	11	.29	24	.30	63	.37	.2	.39	-19	67	.41	.56	.35	.74	.35	-.012	.31	107	106	105	50	155	308	158	131
.51	.26	1.15	.22	14.4	.17	11	.29	28	.30	85	.34	.8	.37	-31	76	.39	1.18	.35	1.31	.36	-.063	.33	77	84	139	89	228	373	225	249
.40	.55	1.39	.30	16.1	.40	11	.36	29	.35	86	.46	.5	.47	-32	63	.53	1.02	.48	.58	.48	.065	.48	75	81	114	62	176	303	187	162
.45	.73	5.89	.31	13.5	.48	0	.45	31	.43	90	.46	.8	.45	-35	67	.62	.95	.58	.81	.56	-.036	.58	74	80	117	70	187	317	163	150
.46	.33	.41	.31	11.4	.28	12	.42	33	.39	55	.45	.2	.46	-20	70	.62	1.03	.59	.86	.55	.004	.57	77	88	129	71	200	336	223	216
.47	.81	-1.00	.52	10.6	.58	10	.85	28	.82	123	.68	1.0	.64	-49	79	.71	.75	.69	.62	.65	-.011	.69	35	70	145	57	202	297	118	112
.44	.82	1.16	.49	8.4	.75	9	.85	27	.83	105	.78	.4	.82	-40	66	.73	.88	.71	1.10	.67	.012	.71	45	73	116	67	183	282	176	158
.43	.37	2.82	.32	15.2	.29	10	.42	24	.39	62	.44	.3	.45	-18	63	.49	.37	.43	.82	.43	.003	.42	85	80	101	42	142	269	133	144
.47	.24	.82	.21	7.3	.20	10	.26	24	.27	61	.33	.3	.36	-18	76	.39	1.68	.36	1.02	.36	.003	.33	66	75	120	99	219	350	230	217
.42	.33	2.42	.29	6.9	.29	7	.34	27	.34	67	.46	.6	.47	-22	62	.67	1.58	.64	.90	.61	.013	.63	58	79	110	95	205	324	219	198
.32	.54	1.50	.22	18.8	.39	10	.38	23	.35	99	.45	1.0	.43	-35	66	.48	.97	.42	.89	.43	.019	.42	64	46	137	68	204	329	187	187
.47	.63	2.57	.29	14.2	.40	9	.56	23	.49	78	.51	.7	.47	-25	49	.64	.83	.60	.95	.57	-.019	.59	67	70	99	65	164	280	167	146
.45	.63	2.58	.28	14.1	.51	8	.58	31	.48	58	.48	.3	.49	-20	51	.55	.69	.50	1.08	.50	.006	.50	76	76	103	59	162	286	178	160
.48	.56	.60	.25	12.1	.47	8	.42	30	.39	50	.50	-.1	.53	-16	51	.61	.62	.56	.86	.54	.011	.55	76	84	91	52	144	263	150	122
.61	.68	1.15	.34	17.1	.54	10	.70	24	.61	61	.62	0	.52	-18	52	.68	1.20	.65	1.03	.61	-.024	.64	76	85	92	83	175	303	188	172
.38	.68	1.14	.39	12.2	.40	5	.65	28	.60	20	.51	-.5	.53	-1	21	.61	.66	.57	.60	.55	.013	.57	86	67	65	51	116	236	101	52
.36	.65	2.18	.31	11.8	.52	4	.70	39	.70	42	.61	0	.59	-17	42	.64	.94	.60	.47	.57	.057	.60	75	87	87	58	145	263	150	122
.40	.55	1.06	.31	10.3	.28	13	.35	31	.36	24	.47	.2	.47	-4	37	.51	.90	.45	.45	.45	.009	.45	80	71	74	60	134	254	89	43
.54	.19	.14	.18	10.1	.15	5	.23	24	.24	75	.30	.4	.33	-24	48	.33	.53	.29	1.01	.30	-.036	.26	36	52	110	54	164	249	151	127

7AN517 COUNSELOR

7AN480 BONANZA

14AN472 COMPASS

7AN516 DARK FIRE

AAA EPDs as of 11/15/21   ☐ = top 35 percent of the breed   RED TEXT = semen available, but sire is not listed in directory   ♦ = Canadian availability

YOUR SUCCESS Our Passion. | 49

TOP TEN ANGUS

The Top Ten list features the top sires from the Select Sires and Accelerated Genetics lineups in each of these 16 traits
THE SELECT SIRES AND ACCELERATED GENETICS LINEUPS CONTAIN SIRES THAT EXCEL IN EVERY TRAIT!

Calving Ease Direct		EPD
7AN525	COMPOUND	18
7AN368	COMRADE	17
14AN553	COWBOY LOGIC	17
7AN617	ENDEAVOR	17
7AN669	NORTH STAR	17
14AN497	NEW ADDITION	16
7AN629	TRANSCENDENT	15
7AN644	OPTIMUM	15
14AN686	PATENT	15
7AN532	BANKROLL	14
Breed Average		6

Birth Weight		EPD
7AN368	COMRADE	-3.5
7AN617	ENDEAVOR	-2.9
7AN525	COMPOUND	-2.7
7AN600	WOLVERINE	-2.6
7AN532	BANKROLL	-2.2
14AN686	PATENT	-1.9
14AN497	NEW ADDITION	-1.5
7AN669	NORTH STAR	-1.5
14AN590	BRIGADE	-1.1
7AN624	DUAL THREAT	-1.0
Breed Average		1.2

Weaning Weight		EPD
7AN607	STAGECOACH	96
7AN579	TEAMWORK	94
7AN510	PEYTON	93
7AN523	TRAILBLAZER	93
7AN528	GROWTH FUND	92
7AN594	REGIMENT	92
7AN642	VERACIOUS	89
7AN591	ABUNDANCE	87
7AN695	NETWORK	87
7AN623	GUARANTEE	84
Breed Average		57

Yearling Weight		EPD
7AN528	GROWTH FUND	172
7AN579	TEAMWORK	172
7AN594	REGIMENT	170
7AN523	TRAILBLAZER	167
7AN695	NETWORK	165
7AN510	PEYTON	163
7AN623	GUARANTEE	160
7AN607	STAGECOACH	155
7AN642	VERACIOUS	155
7AN610	FINAL DECISION	154
Breed Average		101

Docility		EPD
7AN368	COMRADE	35
14AN497	NEW ADDITION	34
7AN531	ENTICE	33
7AN697	COUNTY ROAD	33
7AN544	MAIN STREET	31
7AN538	BRAGGING RIGHTS	30
7AN623	GUARANTEE	30
9AN628	FULL CIRCLE	30
7AN595	MOVIN ON	29
7AN463	PLAYBOOK	28
Breed Average		16

Claw		EPD
7AN688	JUSTICE	.23
7AN531	ENTICE	.30
7AN466	RAINFALL	.34
7AN528	GROWTH FUND	.37
7AN550	KNOW HOW	.38
7AN600	WOLVERINE	.40
7AN642	VERACIOUS	.40
7AN604	TOP CUT	.41
7AN669	NORTH STAR	.41
7AN388	NIAGARA	.42
Breed Average		.50

Angle		EPD
7AN669	NORTH STAR	.28
7AN698	IRON HORSE	.29
7AN550	KNOW HOW	.31
7AN688	JUSTICE	.32
7AN624	DUAL THREAT	.36
7AN466	RAINFALL	.38
7AN600	WOLVERINE	.38
7AN589	SILVERADO	.39
14AN545	WALL STREET	.41
7AN579	TEAMWORK	.41
Breed Average		.49

Heifer Pregnancy		EPD
7AN604	TOP CUT	20.9
7AN523	TRAILBLAZER	20.1
14AN686	PATENT	20.1
7AN510	PEYTON	19.3
7AN550	KNOW HOW	18.5
7AN525	COMPOUND	17.4
7AN607	STAGECOACH	17.1
7AN697	COUNTY ROAD	17.1
7AN473	LEGENDARY	16.9
7AN683	SAFE & SOUND	16.8
Breed Average		11.2

Calving Ease Maternal		EPD
7AN463	PLAYBOOK	17
14AN553	COWBOY LOGIC	17
7AN528	GROWTH FUND	16
7AN644	OPTIMUM	16
7AN669	NORTH STAR	16
7AN511	SPUR	15
7AN580	HOME TOWN	15
14AN686	PATENT	15
14AN590	BRIGADE	14
14AN497	NEW ADDITION	13
Breed Average		8

$Energy		EPD
7AN368	COMRADE	10
7AN600	WOLVERINE	10
7AN463	PLAYBOOK	7
7AN466	RAINFALL	-1
14AN497	NEW ADDITION	-2
7AN697	COUNTY LINE	-5
7AN389	SURE FIRE	-9
7AN538	BRAGGING RIGHTS	-9
14AN502	TAHOE	-10
14AN686	PATENT	-11
Breed Average		-14

Marbling		EPD
7AN629	TRANSCENDENT	2.20
7AN580	HOME TOWN	1.84
7AN604	TOP CUT	1.68
7AN642	VERACIOUS	1.66
7AN542	COMBUSTION	1.57
14AN548	WEST POINT	1.55
7AN591	ABUNDANCE	1.50
7AN523	TRAILBLAZER	1.48
7AN624	DUAL THREAT	1.44
9AN628	FULL CIRCLE	1.38
Breed Average		.52

Ribeye		EPD
7AN560	QUANTUM	1.41
7AN642	VERACIOUS	1.38
7AN610	FINAL DECISION	1.30
7AN698	IRON HORSE	1.26
7AN594	REGIMENT	1.25
7AN695	NETWORK	1.24
7AN624	DUAL THREAT	1.23
7AN579	TEAMWORK	1.21
7AN591	ABUNDANCE	1.20
7AN580	HOME TOWN	1.19
Breed Average		.54

$Maternal		EPD
7AN697	COUNTY ROAD	119
7AN604	TOP CUT	112
7AN463	PLAYBOOK	110
7AN607	STAGECOACH	106
7AN589	SILVERADO	101
7AN600	WOLVERINE	100
7AN688	JUSTICE	99
7AN683	SAFE & SOUND	97
14AN502	TAHOE	96
14AN686	PATENT	94
Breed Average		57

$Weaning		EPD
14AN502	TAHOE	106
7AN607	STAGECOACH	105
7AN642	VERACIOUS	104
7AN697	COUNTY ROAD	104
7AN591	ABUNDANCE	102
7AN594	REGIMENT	102
7AN579	TEAMWORK	101
7AN695	NETWORK	100
7AN510	PEYTON	99
7AN589	SILVERADO	98
Breed Average		58

$Beef		EPD
7AN695	NETWORK	240
7AN580	HOME TOWN	231
7AN579	TEAMWORK	229
7AN629	TRANSCENDENT	225
7AN610	FINAL DECISION	224
7AN642	VERACIOUS	223
7AN624	DUAL THREAT	222
7AN510	PEYTON	217
14AN548	WEST POINT	214
7AN550	KNOW HOW	211
Breed Average		129

$Combined		EPD
7AN642	VERACIOUS	375
7AN604	TOP CUT	371
7AN610	FINAL DECISION	369
7AN695	NETWORK	369
7AN624	DUAL THREAT	364
7AN510	PEYTON	363
7AN579	TEAMWORK	361
7AN580	HOME TOWN	357
7AN629	TRANSCENDENT	350
7AN698	IRON HORSE	348
Breed Average		224

7 code numbers= Select Sires   14 code numbers= Accelerated Genetics
EPDs as of 11/15/21

CAN YOUR BULL GET HALF OF YOUR COWS BRED IN ONE DAY?

WE CAN!

Ask your Select Sires representative why this is important and how we can help you achieve all your goals!

PRODUCTS – FERTILITY – OPPORTUNITIES – SUSTAINABILITY

ELLISON RANCH COMPANY'S 71 RANCH, ELKO, NEVADA

#deliveringmore

7SM104 GIBBS 7382E *BROAD RANGE*

$25

◊ BROAD RANGE is a calving sire prospect that is outcross to the top registration sires! He is already the number 33 registration sire and moving up!

◊ BROAD RANGE has been heavily sampled in both A.I. and ET programs. He's receiving excellent Calving Ease reports and has already produced sale toppers!

◊ Check out his balanced EPD profile from a phenomenal donor dam at Gibbs Farms.

◊ BROAD RANGE is a purebred 7SM80 WIDE RANGE son offering more CE and MARB than his sire.

From Gibbs Farms, AL; K Diamond Cattle and TNT Simmentals, ND; River Creek Ranch, KS and Trauernicht Simmentals, NE

	S D S GRADUATE 006X
SIRE:	CCR WIDE RANGE 9005A
	CCR MS APPLE 9332W
	SSF BLK MIDLAND T525
DAM:	SSF BLK LOUISE Y534
	SSF BLK LOUISE S824

ASA: 3404807
DOB: 09/21/17
TAT: 7382E

Open camera. Scan code. Click to learn more.

Dam of BROAD RANGE

Son, Gibbs Farms, AL

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	15.5	-1.9	90.3	150.3	10.5	21.7	66.8	15.5	13.1	46.0	-.33	.22	-.028	1.27	153.2	92.9
Acc	.70	.85	.80	.80	.39	.28	.40	.33	.46	.65	.48	.61	.49	.61		
% Rank	5	5	10	3	2	65	25	70	25	10	90	30	99	3	10	4

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

7SM125 CDI *MAJOR IMPACT* 280H

$25

NEW

◊ We have been on the hunt for a powerful "cow sire" and the search led us to the addition of MAJOR IMPACT.

◊ He is a high-ranking growth, elevated performance, and product-oriented sire. MAJOR IMPACT truly excels in maternal numbers, all while remaining sensible in frame size, CE and BW EPD's.

◊ MAJOR IMPACT is a LCDR Impact 134F son, the high selling Sugar C4 son that resides at Rydeen Farms in MN. With semen unavailable from his sire, MAJOR IMPACT is a great alternative.

From Hart Simmentals, SD

	CDI MAINLINE 265D
SIRE:	LCDR IMPACT 134F
	WS MISS SUGAR C4
	CDI RIMROCK 325Z
DAM:	CDI MISS RIMROCK 55E
	CDI MISS APOLLO 111C

ASA: 3801544
DOB: 03/15/20
TAT: 280H

Sire of MAJOR IMPACT

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	9.5	1.8	98.3	151.3	6.9	29.6	78.7	11.6	13.3	54.3	-.40	.14	-.068	1.30	127.7	90.7
Acc	.42	.48	.46	.47	.21	.15	.25	.25	.32	.47	.36	.41	.34	.44		
% Rank	70	55	2	3	30	10	2	99	25	2	65	45	90	2	55	10

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

Individual sire performance data is listed on pages 94-95.

7SM113 MR SR *HIGHLIFE* G1609

SELECT SIRES

$30

Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

Open camera. Scan code. Click to learn more.

ASA: 3568376
DOB: 03/16/19
TAT: G1609

SIRE: KBHR HIGH ROAD E283

HOOK`S BEACON 56B

WS MISS SUGAR C4

DAM: MISS SR D1609

JBS BIG CASINO 336Y

MISS SR Y1102

◊ In his first full year, HIGHLIFE has become a sales leader at Select Sires. The popular blaze face, coupled with his exciting phenotype and growth potential has not disappointed in his first calf crop.
◊ HIGHLIFE has 11 EPDs in the top 10 percent. His API index is top 10 percent and TI index is top 3 percent!
◊ He offers big-time growth potential while being backed by an outstanding wedge shaped, young Big Casino daughter who is making her mark with her progeny.
◊ HIGHLIFE has outstanding maternal lineage. He is sired by a WS Sugar C4 son, KBHR High Road, a maternal brother to 7SM116 PROGRESSIVE.
◊ There is a lot to appreciate here – blaze face, pedigree, phenotype, EPD package! Don't just sample HIGHLIFE. Use him heavily!

From Schnabel Ranch, SD; Triangle J Ranch, NE and Gibbs Farms, AL

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	14.0	1.4	102.2	153.7	8.0	24.7	75.8	20.8	11.3	44.4	-.52	.16	-.116	1.16	155.8	94.9
Acc	.57	.74	.69	.64	.27	.21	.34	.29	.35	.51	.40	.44	.43	.48		
% Rank	15	45	1	2	15	40	4	10	50	10	10	40	10	10	10	3

PUREBRED SM

HOMO. BLACK

HOMO. POLLED

Fall 2021 Purebred Simmental Breed Average EPDs **Production:** CE: 10.7 BW: 1.8 WW: 76.3 YW: 113.2 MCE: 5.7 MILK: 23 MWW: 61.2 STAY: 17 DOC: 11.1
Carcass: CW: 28.7 YG: -.42 MARB: .12 BF: -.09 REA: .86 API: 126.16 TI: 76.52

7SM91 TJ *MAIN EVENT* 503B

$25

◊ MAIN EVENT continues to satisfy customers by consistently siring offspring that rise to the top for performance with stunning phenotype.
◊ He is currently the No. 4 registration sire of the breed.
◊ MAIN EVENT ranks in the top 10 percent or better, with an extreme amount of accuracy for WW, YW, MILK, MWW, CW and REA.
◊ Expect MAIN EVENT to sire explosive growth without excessive frame. His male offspring will have plenty of red meat and end product while his daughters will raise heavy calves that excel at weaning!

From C Diamond Ranch, ND; Triangle J Ranch, NE and Hilltop Simmental, SD

SIRE: MR NLC UPGRADE U8676
- ELLINGSON LEGACY M229
- MS NLC MOJO S6119 B

DAM: TJ MISS NEW DAY U14
- BOYD NEW DAY 8005
- T J MISS CALIFORNIA K13

ASA: 2891336
DOB: 01/22/14
TAT: 503B

Open camera. Scan code. Click to learn more.

Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

Son, McCracken Livestock, KS

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	12.2	0.3	93.4	142.9	4.2	28.5	75.1	14.0	13.6	50.5	-.39	.17	-.086	1.06	128.7	86.6
Acc	.81	.94	.92	.91	.77	.77	.81	.60	.87	.80	.59	.76	.69	.76		
% Rank	50	50	4	10	90	10	3	70	30	10	10	80	10	3	55	15

1/2 SM 1/2 AN
HOMO. BLACK
HOMO. POLLED

7SM128 TJ *FLAT IRON* 259G

$30

◊ New to the Select Sires lineup for 2022, FLAT IRON was acquired to follow in the footsteps of another Select Sires and Triangle J great, 7SM91 MAIN EVENT.
◊ FLAT IRON boasts an exceptional EPD package. He is a top-ranking API sire that also ranks in the top 5 percent or better for YW, Milk, MWW, MARB and TI.
◊ He offers elite EPDs but the cattle are equally as impressive on the hoof. He is a go-to phenotype sire that has already sired several sale highlights and he has only begun!
◊ A known Select Sires pedigree (7AN451 FLAT TOP x 7SM54 STETSON), look for FLAT IRON to create value every step of the way!
◊ Semen available Spring 2022.

From Cow Camp Ranch, KS; Triangle J Ranch, NE; JC Simmental, MI and All Beef, IL

NEW

SIRE: WERNER FLAT TOP 4136
- CONNEALY BLACK GRANITE
- WERNER LADY 0304

DAM: TJ 33Y
- RCR STETSON T17
- MS MISS 306R

ASA: 3582543
DOB: 01/04/19
TAT: 259G

Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	15.4	-1.9	86.5	145.0	9.1	38.0	81.2	17.9	3.8	38.9	-.01	.70	.014	.51	170.5	98.4
Acc	.69	.84	.79	.69	.33	.25	.37	.40	.63	.64	.44	.49	.45	.51		
% Rank	15	15	15	5	15	1	1	25	99	30	99	5	99	80	3	1

1/2 SM 1/2 AN
HOMO. BLACK
HOMO. POLLED

Individual sire performance data is listed on pages 94-95.

14SM3101 DMCC/WOOD *FULLY LOADED* 39D

Accelerated Genetics **$30**

◊ The consistency and buzz around the FULLY LOADED offspring continues to gain steam!
◊ FULLY LOADED continues to sire offspring that come easy and stand out in a crowd. His daughters command top price on sale day and excel on the tanbark.
◊ A balanced EPD and blaze face make FULLY LOADED a must use to create valuable offspring. Being heterozygous black only adds to his value to make red hot red blaze-face females.
◊ Study his support photos closely, they are the real deal!

From High Prairie Genetics, KS

Daughter, High Prairie Genetics, KS   *Daughter, High Prairie Genetics, KS*   *Daughter, Winter Farm, KS*

Open camera. Scan code. Click to learn more.

ASA: 3131823
DOB: 03/11/16
TAT: DMCC 39D

	REMINGTON ON TARGET 2S			3C MACHO M450 BZ
SIRE:	**REMINGTON LOCK N LOAD54U**	**DAM:**	**AUBREYS BLACK BLAZE III**	
	BAR15 MISS KNIGHT78E-51G			BLAZE IV 1P

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	12.0	0.5	76.7	114.5	7.1	20.2	58.5	16.8	9.2	51.2	-.52	.06	-.120	1.23	130.9	77.2
Acc	.61	.77	.62	.57	.38	.21	.31	.35	.38	.56	.42	.45	.39	.56		
% Rank	35	30	50	50	30	80	70	55	80	3	10	70	10	4	50	50

PUREBRED SM
HETERO. BLACK
HOMO. POLLED

7SM115 KLER *PROMOTER* G15

ASA: 3613881   DOB: 04/09/19   TAT: G15

Select Sires   **$25**

	WBF SIGNIFICANT B132
SIRE:	**RUBYS TURNPIKE 771E**
	RUBYS MISS CLEO 240Z
	GW PREDESTINED 701T
DAM:	**GW MISS GPRD 028X**
	GW MISS PREM BEEF 545U

Open camera. Scan code. Click to learn more.

◊ PROMOTER is in an elite category for growth and performance. He ranks in the top 1 percent for YW and ADG and the top 2 percent for WW.
◊ He was the anchor bull in Kaehler's percentage champion pen of five at the 2020 National Western Stock Show.
◊ PROMOTER is a high phenotype sire with lots of growth and performance and to top it off he has *gender* SELECTED female semen available!

From K-LER Cattle Co., MN and Sloup Simmentals, NE

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	8.9	2.1	96.8	161.5	4.6	27.5	75.9	13.5	15.6	49.4	-.39	.26	-.074	1.17	128.8	88.8
Acc	.44	.52	.47	.47	.25	.17	.26	.29	.31	.48	.36	.42	.34	.46		
% Rank	90	85	2	1	85	15	2	75	10	10	10	60	15	1	55	10

3/4 SM 1/4 AN
HOMO. BLACK
HOMO. POLLED

Fall 2021 Hybrid Simmental Breed Average EPDs **Production:** CE: 12.1 BW: 0.6 WW: 74.4 YW: 114.5 MCE: 6.7 MILK: 22.5 MWW: 59.7 STAY: 15.4 DOC: 11.8
Carcass: CW: 32.1 YG: -.22 MARB: .29 BF: -.04 REA: .65 API: 129.28 TI: 76.93

YOUR SUCCESS *Our Passion.* | **57**

7SM93 KOCH *BIG TIMBER* 685D

$20

◊ BIG TIMBER is a big time calving ease sire which can be used on a wide array of pedigrees within the breed. He ranks as the No. 5 registration sire in the breed!

◊ BIG TIMBER sires above average marbling, correctness of feet and legs, and is backed by a superior cow family. He ranks in the top 1 percent for Milk with nice uddered daughters.

◊ His top EPD rankings of 3 percent CE, 1 percent BW and 15 percent MARB are superior and earn him top honors of 10 percent for API and TI indexes!

From Gibbs Farms Cattle, LLC, AL; Triangle J Ranch, NE and Koch Cattle, MT

	HOOKS TAURUS 24T
SIRE:	**HOOK`S YELLOWSTONE 97Y**
	HOOKS SHEYENNE 77S
	GW LUCKY BOY 252U
DAM:	**KOCH MS HOOKS BOY**
	HOOK`S YORK 51Y

ASA: 3133113
DOB: 02/09/16
TAT: 685D

Open camera. Scan code. Click to learn more.

Trauernicht Simmental, NE — *Son, Triangle J Ranch, NE* — *Son, Triangle J Ranch, NE*

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	15.6	-4.1	76.5	114.2	6.9	35.4	73.6	16.7	9.7	29.1	-.20	.30	-.045	.54	154.8	88.9
Acc	.83	.93	.91	.90	.67	.66	.72	.47	.38	.79	.58	.75	.69	.74		
% Rank	5	1	50	50	30	1	10	55	75	50	99	15	99	99	10	10

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

7SM124 WS *ENHANCEMENT* 25H

$25

◊ Wow, what an opportunity to find a calving ease prospect with overall presence, correctness through his skeleton, and eye appeal.

◊ One of Proclamation's highest-ranking sons from a balanced Beacon daughter.

◊ When you study the numbers he brings to the party, ENHANCEMENT stays true to his name. He offers extreme CE and BW, top 20 percent growth, elite 1 percent MCE, MARB, API, and TI, all while maintaining his spot in the top 10 percent for REA.

◊ ENHANCEMENT is a must use sire for your next breeding season!

From Wilkinson Simmentals, ND and Gibbs Farms Cattle, LLC, AL

NEW

	CCR COWBOY CUT 5048Z
SIRE:	**WS PROCLAMATION E202**
	WS MISS SUGAR C4
	HOOK`S BEACON 56B
DAM:	**WS SWEET SIXTEEN F16**
	WS LIGHTS COME ON D217

ASA: 3764886
DOB: 01/31/20
TAT: 25H

Open camera. Scan code. Click to learn more.

Maternal Sister to ENHANCEMENT

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	16.7	-4.0	84.6	127.9	11.8	34.6	76.8	18.3	15.7	50.9	-.33	.80	-.055	1.15	190.8	106.9
Acc	.48	.52	.50	.51	.30	.24	.32	.33	.20	.51	.40	.46	.40	.49		
% Rank	3	1	20	20	1	2	3	35	10	3	90	1	95	10	1	1

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

Individual sire performance data is listed on pages 94-95.

7SM122 SCHOOLEY *STANDOUT* 27G

$30

◊ STANDOUT does just as his name implies. He is a sire that grabs your attention with his style and phenotype and then draws you in as you read his EPD script.

◊ STANDOUT is a genetic outcross to most modern pedigrees, including WS Sugar C4 and Hook's Beacon.

◊ As data from his first calf crop comes in, STANDOUT's EPD profile holds steady. He is a top-ranking sire for Doc, MARB, API and TI while maintaining a balance of CE and growth.

◊ If you appreciate and follow good cow families you must respect his dam CLRS Beauty Queen. She is the mother of the CLRS Dairy Queen that has blazed her own path for JS Simmentals in IA. STANDOUT offers a solid pedigree and impressive looks, don't miss out!

From Lazy C Diamond Ranch, ND and Schooley Cattle Co., IA

	WS ALL-AROUND Z35
SIRE:	**OMF EPIC E27**
	OMF TIME LESS B100
	CCR COWBOY CUT 5048Z
DAM:	**CLRS BEAUTY QUEEN 420 B**
	TSN MISS 1407 P146

ASA: 3585120
DOB: 02/07/19
TAT: 27G

Open camera. Scan code. Click to learn more.

Dam of STANDOUT

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	15.2	-0.6	84.3	125.2	7.8	25.6	67.6	17.0	19.8	41.7	-.25	.54	-.053	.79	165.0	94.6
Acc	.43	.49	.47	.46	.26	.19	.27	.28	.26	.48	.38	.43	.41	.45		
% Rank	10	15	25	25	20	30	25	55	1	15	99	2	95	70	3	3

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

7SM116 LCDR *PROGRESSIVE* 106G

$30

◊ Oh boy! Check out the latest and most PROGRESSIVE WS Miss Sugar C4 son to jump on the scene! WS Miss Sugar C4 is perhaps the most exciting donor cow in the breed today! Her sons are making a mark across the industry.

◊ PROGRESSIVE is sired by CDI Innovator and may arguably be the most genetically prepotent son she has produced.

◊ Study the EPD package. He has nine traits and indexes in the top 15 percent or above! PROGRESSIVE is proving himself as a calving ease sire, or at least a low birth weight sire!

◊ His famous maternal brothers include WS Proclamation E202, KBHR High Road E283, LCDR Impact 134HF and LCDR Favor 149F, some of which are unavailable for A.I. use.

From Lazy C Diamond Ranch, ND; Eichacker Simmentals, SD; Trauernicht Simmental, NE and River Creek Farms, KS

	TJ MAIN EVENT 503B
SIRE:	**CDI INNOVATOR 325D**
	CDI MS SHEAR FORCE 49U
	CLRS GRADE-A 875 A
DAM:	**WS MISS SUGAR C4**
	WS ANISE A71

ASA: 3646242
DOB: 02/21/19
TAT: 106G

Open camera. Scan code. Click to learn more.

Daughter, Trauernicht Simmentals,NE   *Daughter, Trauernicht Simmentals,NE*   *Dam of PROGRESSIVE*

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	13.3	-2.4	85.3	133.9	7.1	30.9	73.5	15.3	13.1	49.3	-.29	.52	-.064	.93	163.2	97.8
Acc	.52	.59	.55	.53	.30	.22	.32	.29	.29	.51	.40	.41	.42	.50		
% Rank	20	3	20	15	30	10	10	75	25	4	99	2	90	35	4	1

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

Fall 2021 Purebred Simmental Breed Average EPDs **Production:** CE: 10.7 BW: 1.8 WW: 76.3 YW: 113.2 MCE: 5.7 MILK: 23 MWW: 61.2 STAY: 17 DOC: 11.1
Carcass: CW: 28.7 YG: -.42 MARB: .12 BF: -.09 REA: .86 API: 126.16 TI: 76.52

7SM65 WLE *UNO MAS* X549

$25

◊ What can we say? He is still the man and still producing at 12 years-of-age. UNO MAS still has *gender* SELECTED female sorted semen available.

◊ He is one of the most popular high phenotype calving ease sires of all time! UNO MAS still ranks No. 14 on the top registration list.

◊ UNO MAS offers unique mating options as a heterozygous black sire and will create daughters that are exceptional for udder quality and productivity.

From Wesner Livestock Enterprises and Purdue University, IN

	NICHOLS LEGACY G151
SIRE:	**CNS DREAM ON L186**
	CNS SHEEZA DREAM K107W
	SS GOLDMINE L42
DAM:	**SHAWNEE MISS 770P**
	NLC LG770

ASA: 2532016
DOB: 02/24/10
TAT: X549

Open camera. Scan code. Click to learn more.

Daughter, Kyle Lemmon, MD   *Daughter, Mid-Am Genetics, KS*   *Daughter, Stephens Beef Cattle, KY*

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	14.1	-1.3	65.3	84.5	4.2	16.0	48.6	12.7	13.1	-3.1	-.49	.47	-.117	.46	143.6	81.4
Acc	.85	.94	.91	.88	.76	.80	.84	.68	.56	.85	.62	.81	.75	.80		
% Rank	15	10	90	99	80	99	99	95	25	99	20	4	10	99	20	30

PUREBRED SM
HETERO. BLACK
HOMO. POLLED

7SM112 W/C *REST EASY* 752G

$25

◊ REST EASY is proving to be the high phenotype calving ease sire we expected him to be. He ranks in the top 1 percent for CE and BW.

◊ REST EASY combines hot new genetics as a son of MR SR 71 Right Now with a proven maternal line that traces back to 534R, the dam of 8543U.

◊ Look for REST EASY to sire calves that come extremely easy but still pack some punch while maintaining an attractive profile.

From Werning Cattle, SD and Western Cattle Source, NE

	HOOK`S BOZEMAN 8B
SIRE:	**MR SR 71 RIGHT NOW E1538**
	MISS SR C1538
	W/C EXECUTIVE ORDER 8543B
DAM:	**W/C MISS WERNING 752E**
	W/C MISS WERNING 5343C

ASA: 3644912
DOB: 02/27/19
TAT: 752G

Open camera. Scan code. Click to learn more.

Sire of REST EASY

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	19.7	-4.2	72.6	116.8	10.6	24.5	60.7	13.1	14.0	30.7	-.46	.10	-.092	.99	143.9	82.9
Acc	.51	.57	.53	.50	.27	.16	.28	.30	.34	.49	.37	.42	.36	.45		
% Rank	1	1	70	45	2	40	55	90	20	45	30	60	40	25	20	25

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

Individual sire performance data is listed on pages 94-95.

7SM97 IR *IMPERIAL* D948

$25

◊ IMPERIAL provides a stunning red phenotype and creates balanced, moderate-sized offspring that are easy keeping and have excellent udders.
◊ Not only is he the highest API sire in our Simmental lineup, he is a breed leader in CE, Stay, Marbling and TI. IMPERIAL is the complete package!
◊ His heifer-safe Calving Ease and unique pedigree make him a perfect go-to choice for breeding heifers.
◊ He is currently the No. 11 registrations sire of the breed!

From Irvine Ranch, KS; TNT Simmentals, ND and Schnabel Ranch, SD

	WS BEEF KING W107
SIRE:	**IR IMPERIAL B772**
	IR MS LAUSANNE U022
	TNT DUAL FOCUS T249
DAM:	**IR MS DUAL FOCUS W086**
	IR MS LUCKY CHARM T976

ASA: 3210738
DOB: 08/24/16
TAT: D948

Open camera. Scan code. Click to learn more.

Daughter, Bar CK Cattle, OR   *Daughter, Bar CK Cattle, OR*

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	18.2	-3.2	61.2	97.5	8.5	21.7	52.2	21.1	15.7	10.6	-.47	.79	-.073	.93	189.3	91.7
Acc	.78	.90	.88	.87	.49	.33	.45	.31	.51	.65	.47	.60	.47	.59		
% Rank	1	2	99	90	10	65	95	10	10	99	25	1	80	35	1	5

PUREBRED SM
RED
HOMO.POLLED

7SM121 SAS *COPPERHEAD* G354

$30

◊ COPPERHEAD was a new addition to our red lineup in 2021 and has been one of the most talked about sires.
◊ COPPERHEAD offers a unique outcross red pedigree that cattlemen have been begging for without sacrificing the rest.
◊ For those of you that follow on social media, you have already seen the outstanding progeny at High Country Cattle Service. They have created quite the buzz throughout the summer and fall. The COPPERHEAD calves look to have plenty of volume, eye appeal and structural integrity. Most recently, he sired the Champion Get of Sire at Farmfair!
◊ COPPERHEAD has a small, white stipe in the center of his head — hence the name, COPPERHEAD. Yet he has the ability to sire blaze-face calves out of solid-faced cows, which are in high demand today!

From High Country Cattle Services, AB, Canada

	NCB COBRA 47Y
SIRE:	**ERIXON BITTEN 203A**
	BMD MISS BLK ICE DANCER
	R PLUS RELOAD 2006Z
DAM:	**SAS MISS ARAPHAOE B354**
	SAS STARLIGHT Z354

ASA: 3620331
DOB: 02/10/19
TAT: G354

Open camera. Scan code. Click to learn more.

Daughter, High Country Cattle Service, AB   *Daughter, High Country Cattle Service, AB*   *Daughter, High Country Cattle Service, AB*

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	8.5	2.3	92.6	136.5	4.2	29.7	75.9	17.4	11.1	14.0	-.48	.07	-.077	.98	130.7	85.0
Acc	.51	.58	.52	.51	.27	.21	.31	.28	.30	.49	.36	.41	.34	.45		
% Rank	80	65	10	10	80	10	4	50	55	99	25	65	80	30	50	20

PUREBRED SM
RED
HOMO.POLLED

Fall 2021 Purebred Simmental Breed Average EPDs **Production:** CE: 10.7 BW: 1.8 WW: 76.3 YW: 113.2 MCE: 5.7 MILK: 23 MWW: 61.2 STAY: 17 DOC: 11.1
Carcass: CW: 28.7 YG: -.42 MARB: .12 BF: -.09 REA: .86 API: 126.16 TI: 76.52

YOUR SUCCESS *Our Passion.* | **61**

7SM96 CLRS *DIVIDEND* 405D

ASA: 3097854   DOB: 01/31/16   TAT: CLRS 405D $25

SIRE: CLRS AFTER SHOCK 604 A
- HOOK`S YELLOWSTONE 97Y
- HOOKS SARITA 4S

DAM: CLRS BONNIA 405 B
- GW PREMIUM BEEF 021TS
- CLRS ZINNIA 200 Z

Open camera. Scan code. Click to learn more.

◊ A long term, mainstay of the Select Sires lineup. He is the No. 18 sire of the breed for registrations. He is getting his second wind and for good reasons - his daughters!

◊ DIVIDEND daughters are quiet, have near-perfect feet, beautiful teats and udders, are deep-bodied and beautifully structured.

◊ DIVIDEND is a customer satisfaction sire! The comment of those who have females in production is, "I will go back and use more!"

From Apex Cattle, NE and Clear Springs Cattle Co., MN

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	11.6	0.5	83.7	131.7	3.3	15.4	57.1	16.4	14.5	33.4	-.18	.18	-.046	.53	138.2	82.6
Acc	.77	.90	.88	.85	.58	.54	.62	.39	.46	.74	.55	.65	.60	.70		
% Rank	40	30	25	15	90	99	75	60	15	35	99	35	99	99	30	25

PUREBRED SM
HOMO. BLACK
HOMO. POLLED

7SM80 CCR *WIDE RANGE* 9005A

ASA: 2725666   DOB: 02/07/13   TAT: 9005A $25

SIRE: S D S GRADUATE 006X
- HOOKS SHEAR FORCE 38K
- S D S QUEEN 814U

DAM: CCR MS APPLE 9332W
- HTP SVF IN DEW TIME
- CCR 992F FULLHOUSE 3249N

Open camera. Scan code. Click to learn more.

◊ A perennial sales leader, WIDE RANGE sires high satisfaction offspring that offer plenty of phenotype, growth and volume.

◊ WIDE RANGE still makes the top registration list at No. 17 and is a breed-leader for REA, WW and YW as a high accuracy sire.

From Cow Camp Ranch, KS and Gibbs Farms, AL

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	13.0	-0.3	84.3	133.6	8.3	2.9	45.0	17.8	10.9	28.3	-.50	-.04	-.053	1.38	134.6	79.0
Acc	.83	.94	.92	.92	.79	.81	.85	.67	.49	.84	.61	.78	.73	.82		
% Rank	40	35	20	15	25	99	99	25	65	65	2	99	35	1	40	45

3/4 SM 1/4 AN
HOMO. BLACK
HOMO. POLLED

714SM114 M4 *PREDICTABLE* 956G

ASA: 3619117   DOB: 01/12/19   TAT: 956G $20

SIRE: G A R SURE FIRE
- CONNEALY IN SURE 8524
- CHAIR ROCK 5050 G A R 8086

DAM: KSU MISS SHEAR FORCE 6Z
- HOOKS SHEAR FORCE 38K
- KSU MISS INVASION 12X

Open camera. Scan code. Click to learn more.

◊ PREDICTABLE has gained a lot of popularity since his introduction last spring as a heifer safe CE sire that also checks all the other boxes with a balanced EPD profile.

◊ He ranks in the top 5 percent for CE, MARB, API and TI. His dam is as balanced as you can get, and his full sisters turn heads. PREDICTABLE combines it all, Calving Ease, Carcass and Cows!

From Marple Farms, KS

EPDs as of 11/09/21

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	AP	TI
EPD	17.6	-0.3	79.9	124.4	8.6	26.6	66.5	17.7	16.0	38.4	-.16	.69	-.016	.76	166.2	91.6
Acc	.43	.46	.47	.48	.28	.22	.30	.30	.48	.51	.41	.46	.44	.49		
% Rank	5	35	30	30	25	20	20	25	10	30	70	5	85	30	4	5

1/2 SM 1/2 AN
HOMO. BLACK
HOMO. POLLED

Fall 2021 Hybrid Simmental Breed Average EPDs **Production:** CE: 12.1 BW: 0.6 WW: 74.4 YW: 114.5 MCE: 6.7 MILK: 22.5 MWW: 59.7 STAY: 15.4 DOC: 11.8
Carcass: CW: 32.1 YG: -.22 MARB: .29 BF: -.04 REA: .65 API: 129.28 TI: 76.93

ALL SIMMENTAL SIRES AVAILABLE

SIMMENTAL - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	MCE EPD	MCE Acc	MILK EPD	MILK Acc	MWW EPD	MWW Acc	STAY EPD	STAY Acc	DOC EPD	DOC Acc	CW EPD	CW Acc	YG EPD	YG Acc	MARB EPD	MARB Acc	FAT EPD	FAT Acc	REA EPD	REA Acc	API EPD	TI EPD
7SM87	2732032	HOMETOWN	YES	4.6	.63	4.3	.83	104.8	.79	161.0	.80	1.6	.52	25.1	.55	77.5	.62	19.9	.40	11.9	.54	59.7	.64	-.58	.47	.45	.54	-.114	.46	1.58	.61	154.8	99.2
7SM113	3568376	HIGHLIFE	YES	13.7	.57	1.4	.74	102.2	.69	153.4	.64	7.6	.30	25.0	.12	76.0	.27	20.7	.34	11.1	.35	43.8	.51	-.53	.40	.17	.46	-.117	.43	1.16	.48	155.6	95.0
7SM125	3801544	MAJOR IMPACT	YES	8.8	.42	2.1	.48	99.0	.46	152.6	.47	6.3	.21	29.5	.14	79.0	.25	11.0	.26	13.4	.32	54.1	.47	-.40	.36	.13	.43	-.070	.35	1.29	.44	125.4	90.6
7SM104	3404807	BROAD RANGE	YES	15.1	.70	-1.9	.85	90.3	.80	150.0	.80	10.8	.39	21.7	.22	66.8	.34	15.6	.37	13.0	.46	45.8	.65	-.33	.47	.21	.57	-.029	.46	1.27	.61	152.7	92.8
7SM121	3620331	COPPERHEAD	YES	9.0	.51	2.0	.59	91.6	.52	135.4	.51	4.5	.27	29.8	.23	75.5	.32	17.4	.31	10.6	.32	12.9	.49	-.49	.37	.07	.41	-.078	.38	.96	.45	131.4	84.7
7SM96	3097854	DIVIDEND	YES	11.6	.77	0.5	.90	83.6	.88	131.7	.86	3.4	.58	15.9	.59	57.7	.66	16.3	.43	14.5	.46	33.5	.74	-.19	.55	.18	.66	-.047	.57	.54	.71	138.1	82.7
7SM116	3646242	PROGRESSIVE	YES	15.2	.52	-3.0	.62	83.3	.56	130.7	.55	7.8	.30	31.5	.20	73.1	.31	14.5	.29	12.9	.29	48.4	.52	-.30	.40	.51	.46	-.067	.39	.92	.50	164.4	97.7
7SM82	2854437	BROADWAY	YES	3.5	.77	3.9	.93	83.4	.90	130.0	.89	3.1	.74	26.1	.76	67.7	.81	16.4	.58	11.3	.53	30.1	.80	-.41	.58	.31	.77	-.091	.66	.83	.77	129.9	82.2
7SM124	3764886	ENHANCEMENT	YES	16.4	.48	-3.9	.52	84.1	.50	127.4	.51	11.0	.30	34.9	.26	76.9	.30	17.9	.33	15.6	.20	50.9	.51	-.34	.40	.79	.47	-.056	.40	1.15	.49	189.4	106.6
7SM122	3585120	STANDOUT	YES	15.7	.50	-1.6	.58	81.6	.47	120.9	.46	8.2	.26	25.5	.18	66.3	.27	17.0	.32	20.1	.27	41.3	.48	-.26	.37	.53	.46	-.054	.37	.79	.45	166.0	94.1
7SM105	3402630	SUCCESS	YES	14.1	.55	0.4	.69	78.6	.62	119.0	.61	4.7	.28	27.8	.19	67.1	.31	14.7	.30	11.3	.29	29.8	.54	-.45	.40	.40	.41	-.096	.40	.91	.50	149.0	87.8
7SM112	3644912	REST EASY	YES	19.6	.51	-4.3	.59	73.3	.54	117.8	.52	10.6	.27	24.4	.18	61.0	.29	12.6	.31	13.9	.34	30.6	.49	-.46	.37	.11	.42	-.091	.38	.99	.45	144.0	83.8
14SM3101	3131823	FULLY LOADED	NO	11.9	.61	0.5	.77	77.4	.62	115.4	.58	7.0	.38	20.1	.26	58.8	.35	16.4	.37	9.4	.40	51.3	.56	-.53	.42	.06	.42	-.121	.40	1.24	.56	130.4	77.6
7SM93	3133113	BIG TIMBER	YES	15.6	.84	-4.0	.94	76.6	.91	114.2	.90	6.8	.70	35.5	.63	73.8	.70	16.5	.45	9.7	.38	29.3	.79	-.20	.56	.29	.73	-.045	.59	.55	.75	154.0	88.8
7SM92	3115609	RED MOON	YES	18.1	.72	-3.0	.87	70.7	.84	101.5	.81	9.8	.53	35.5	.49	70.8	.58	13.8	.34	12.8	.54	18.9	.69	-.38	.52	.30	.65	-.086	.56	.65	.65	148.2	85.0
7SM97	3210738	IMPERIAL	YES	18.0	.79	-3.2	.90	61.0	.88	97.3	.87	8.5	.50	21.6	.45	52.0	.54	21.0	.35	18.8	.65	15.8	.52	-.48	.50	.90	.58	-.076	.53	1.03	.62	194.9	94.4
7SM65	2532016	UNO MAS	YES	14.2	.85	-1.3	.94	65.4	.91	84.6	.90	4.2	.76	17.4	.80	50.0	.84	12.6	.66	13.1	.56	-3.1	.85	-.49	.61	.46	.77	-.118	.71	.46	.80	143.6	81.6

SIMANGUS™ - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	MCE EPD	MCE Acc	MILK EPD	MILK Acc	MWW EPD	MWW Acc	STAY EPD	STAY Acc	DOC EPD	DOC Acc	CW EPD	CW Acc	YG EPD	YG Acc	MARB EPD	MARB Acc	FAT EPD	FAT Acc	REA EPD	REA Acc	API EPD	TI EPD
7SM115	3613881	PROMOTER	YES	9.1	.44	2.2	.52	96.3	.46	161.0	.47	4.8	.25	29.7	.20	77.8	.29	13.2	.29	14.9	.31	48.9	.48	-.39	.38	.25	.40	-.074	.41	1.16	.46	128.0	88.7
2SM107	3611677	MAINSTREAM	YES	13.8	.44	1.2	.48	91.5	.46	148.5	.47	6.7	.27	29.4	.22	75.1	.30	15.3	.32	12.7	.40	49.5	.48	-.26	.38	.36	.44	-.049	.37	.95	.47	142.3	89.4
7SM128	3582543	FLAT IRON	NO	15.0	.69	-1.7	.85	86.5	.79	144.9	.70	8.9	.33	39.0	.21	82.2	.33	17.4	.28	3.8	.63	38.9	.64	-.01	.42	.70	.44	.012	.38	.52	.51	169.0	98.3
14SM3085	2891389	COWBOY UP	YES	10.9	.71	2.2	.88	97.6	.85	143.3	.83	8.6	.57	21.2	.62	70.0	.69	21.2	.47	15.6	.61	44.2	.63	-.14	.47	.46	.65	-.029	.49	.67	.58	153.0	91.5
7SM91	2891336	MAIN EVENT	NO	12.1	.81	0.3	.94	93.4	.92	142.9	.91	4.1	.77	27.9	.79	74.6	.83	11.5	.60	13.7	.87	50.8	.81	-.39	.60	.17	.77	-.087	.72	1.06	.76	123.5	86.5
714SM117	3632716	WINCHESTER	YES	15.6	.45	0.3	.49	87.0	.47	140.1	.48	9.3	.25	23.4	.18	66.8	.28	16.8	.29	14.5	.31	42.1	.48	.08	.38	.62	.44	.025	.40	.37	.47	155.3	90.3
2SM110	3645200	VIKING	YES	13.2	.41	0.9	.42	90.8	.42	139.9	.42	7.1	.26	22.0	.20	67.4	.26	16.2	.32	13.5	.46	59.1	.48	-.07	.40	.45	.47	-.002	.44	.85	.48	145.9	89.3
714SM120	3632624	SPRINGFIELD	YES	13.0	.45	1.7	.49	89.1	.46	135.1	.46	8.1	.27	23.8	.23	68.3	.32	18.8	.31	13.0	.40	35.5	.48	-.14	.38	.43	.45	-.007	.40	.71	.47	147.6	87.1
7SM80	2725666	WIDE RANGE	NO	12.9	.83	-0.3	.94	84.3	.92	133.6	.92	8.4	.79	2.7	.81	44.9	.85	18.5	.68	10.9	.49	28.3	.84	-.50	.62	-.04	.79	-.053	.76	1.38	.82	135.9	79.0
714SM111	3645220	COMBAT	YES	13.4	.41	-0.6	.43	78.8	.42	132.8	.43	7.4	.25	14.0	.20	53.3	.27	11.0	.29	14.7	.45	52.9	.47	-.04	.37	.60	.44	-.019	.37	.53	.45	143.9	87.4
14SM3100	3459266	NITRO	YES	16.0	.58	0.9	.69	83.2	.59	130.2	.59	9.8	.29	31.5	.18	73.1	.30	15.7	.27	20.0	.47	40.0	.53	-.06	.40	.58	.49	.009	.40	.64	.50	153.0	89.3
714SM118	3632992	COLT	YES	12.6	.45	-0.6	.48	85.9	.46	127.9	.47	8.3	.28	23.9	.22	66.8	.30	16.8	.27	16.1	.41	30.1	.49	-.06	.39	.62	.47	.001	.41	.48	.47	151.8	90.6
714SM114	3619117	PREDICTABLE	YES	17.6	.43	-0.4	.46	79.8	.47	123.7	.48	8.5	.28	26.6	.23	66.5	.31	17.6	.27	16.2	.48	38.4	.51	-.17	.40	.70	.48	-.017	.43	.76	.49	166.4	91.7
714SM119	3632634	REMINGTON	YES	12.6	.44	1.2	.48	83.3	.46	122.7	.47	8.8	.27	21.5	.22	63.1	.30	16.2	.31	15.9	.45	49.5	.49	-.06	.39	.50	.46	-.010	.41	.64	.47	143.3	85.0
7SM84	2934717	MADISON	YES	13.8	.60	-0.1	.74	72.8	.70	121.7	.68	8.2	.36	24.1	.34	60.4	.44	18.7	.39	16.1	.42	35.8	.59	-.27	.43	.75	.53	-.030	.41	.97	.54	165.9	89.0
7SM94	3111910	PAYWEIGHT	YES	12.6	.70	0.6	.86	87.7	.82	121.7	.81	8.2	.53	4.2	.46	48.0	.55	16.2	.41	13.5	.74	62.5	.74	.17	.55	.24	.70	.016	.64	.27	.69	128.4	78.4
7SM89	3041151	RAPID FIRE	YES	11.5	.69	0.5	.87	72.2	.83	121.7	.82	.9	.53	21.7	.42	57.7	.52	10.9	.36	13.7	.73	61.4	.72	-.05	.55	.42	.70	-.010	.62	.76	.68	126.7	78.1
7SM100	2832529	COUNTRY BOY	NO	15.3	.62	-3.2	.78	72.2	.73	114.6	.73	7.7	.46	20.2	.48	56.3	.57	11.5	.38	11.6	.41	31.9	.64	-.32	.48	.24	.57	-.063	.52	.79	.59	129.5	79.1
7SM98	3268068	ARCHITECT	YES	14.6	.56	-0.6	.70	63.5	.65	104.8	.58	7.1	.30	26.9	.21	58.6	.33	16.8	.31	15.4	.29	29.9	.66	-.04	.51	.49	.62	.002	.58	.42	.63	143.8	76.4

7SM94 PAYWEIGHT

7SM82 BROADWAY

14SM3100 NITRO

14SM3085 COWBOY UP

ASA EPDs as of 11/15/21
☐ *= top 35 percent of the breed*
RED TEXT *= semen available, but sire is not listed in directory*
🍁 *= Canadian availability*

Individual sire performance data is listed on pages 94-95.

7&7 SYNCH

AN OPPORTUNITY TO IMPROVE A.I. SUCCESS RATES IN BEEF COWS

Rising operating costs, global competition, and societal concerns about energy and the environment have created many economic challenges for the beef industry. In order for beef producers to meet increasing demand for high quality beef products, they must heighten their focus on increasing the efficiency of beef production. This can be achieved through implementation of specific best management practices, and with the adoption of technologies to improve the efficiency in their herds. Many beef producers across the U.S. continue to look for opportunities to reduce time and labor associated with A.I. while maintaining or improving the resulting A.I. pregnancy rates. That vision has become a reality with the development of fixed-time A.I. (FTAI) protocols for beef heifers and cows. These protocols were developed through intensive research programs, and they were proven to be effective in the field prior to being recommended to beef producers across the U.S. One of the newer additions to the list of protocols recommended for use in beef cows is the 7 & 7 Synch program (Figure 1 above), originally developed and field tested by Dr. Jordan Thomas and his colleagues at the University of Missouri.

The 7&7 Synch program has been evaluated in a data-intensive pilot project, an extensive field trial for synchronization among embryo recipients, and an extensive field trial evaluating 7 & 7 Synch with fixed-timed A.I. using both conventional and sex-sorted semen. Results indicate a significant increase in the proportion of cows expressing estrus following synchronization and the A.I. pregnancy rates achieved (Table 1 and 2 below). Select Sires representatives are currently using the 7 & 7 Synch program in herds where the producers want to optimize the success of estrus synchronization programs and A.I. pregnancies. Numerous reports from herds utilizing this program with heat detection and A.I. and FTAI have indicated an increase in A.I. success, thus allowing more cows to be bred A.I. in the first few days of the breeding season, and resulting in more calves on the ground in a shorter time frame during calving season. We all know more calves born early in the calving season means more pounds at weaning and potential for more profit in your pockets. Not only are you getting more pounds weaned; the older, heavier A.I. sired heifer calves have a higher potential to conceive early as a heifer and remain in the herd longer than later born calves. **Visit with your Select Sires representative today to discuss how we can better serve you to achieve your maximum A.I. and reproductive success!**

Table 1. Estrus Expression Prior to Fixed-Time A.I.

Treatment	Proportion	%
7 & 7 Synch	630/769	82[a]
7-day CO-Synch + CIDR	492/769	64[b]

[ab]A greater proportion (P < 0.01) of cows expressed estrus prior to fixed-time A.I. following 7 & 7 Synch
Source: Andersen et al., 2020.

Table 2. Pregnancy Rates to Fixed-Time A.I.

Treatment	Conventional Semen		Sex-Sorted Semen	
	Proportion	%	Proportion	%
7 & 7 Synch	280/389	72[a]	199/380	52[c]
7-day CO-Synch + CIDR	233/383	61[b]	170/386	44[d]

[ab,cd]Pregnancy rates were greater (P < 0.01) among cows following 7 & 7 Synch with conventional or sex-sorted semen
Source: Andersen et al., 2020.

A.I. DRIVES PROFITABILITY

WHAT ARE THE REPRODUCTIVE DRIVERS OF PROFITABILITY IN BEEF HERDS?

1. **Number of calves weaned over lifetime:** How many years does she conceive, calve and wean a calf before being culled? Over how many years can the cost of developing the cow be depreciated?
2. **Age and weight of calves weaned:** Does she conceive early in the breeding season as a heifer and continue to calve early as a cow? Early calving cows will wean older and heavier calves.
3. **Quality of calves weaned:** How much value do her calves capture based on health, growth, performance, carcass merit, visual appearance, etc.?

ESTRUS SYNCHRONIZATION AND TIMED A.I. CAN IMPROVE YOUR HERD IN EVERY ONE OF THESE AREAS!

PROVEN DRIVERS OF PROFITABILITY:

- Heifers who calved during the first 21-day period with their first calf remained in the herd longer than heifers who calved later. Early calving heifers also wean a heavier calf in each of their first six calving seasons. (Cushman et al., 2013)
- Early born A.I. heifer calves as potential replacements have:
  - Greater weaning and pre-breeding weights
  - Greater number of heifers cycling prior to breeding season
  - Greater pregnancy rates in first breeding season
  - Potential improvements in breed back as two year olds
- Early born A.I. steer calves have:
  - Greater weaning weights
  - Greater percentage choice or better
  - Greater carcass value (better carcass weight and marbling score)

(Larson and Funston, 2009; Funston et al., 2011)

TIPS FOR USE OF *gender* SELECTED™ (SEXED) SEMEN:

- Thaw semen in a clean and regulated warm water bath (95°-98°F) for 45 seconds.
- Pay close attention when handling thawed straws of sexed semen to ensure you maintain 95°-98°F temperature until the semen can be deposited in the female.
- Thawed sexed semen should be deposited in the female within five minutes.
- It is strongly encouraged to apply estrus detection aids to help monitor heat activity and only use sexed semen in those females that display estrus.
- Sexed semen may remain fertile for a shorter period of time in the female following A.I. Therefore, A.I. should be performed approximately 18-22 hours after the start of standing heat behavior.[1] This is slightly later than the time recommended when using conventional (non-sexed) semen.
- Manage expectations: The use of sexed semen could result in conception rates below that of conventional semen. A recent meta-analysis in Nature[2] indicated that frozen-thawed sexed semen achieves 83 percent of conventional semen pregnancy rates (i.e. if you typically achieve 55 percent with conventional semen, you may achieve 46 percent with sexed semen).

[1]Thomas et al. 2014. Delayed insemination of nonestrous cows improves pregnancy rates when using sex-sorted semen in timed artificial insemination of suckled beef cows. Journal of Animal Science. Vol 92, Issue 4: 1747-1752.

[2] Reese et al. 2021. The reproductive success of bovine sperm after sex-sorting: a meta-analysis. Nature Scientific Reports. 11: 17366.

$30

Daughter, 9 Mile Ranch, WA

Son, Bieber Red Angus, SD

Son, Bieber Red Angus, SD

Open camera.
Scan code.
Click to
learn more.

RAAA:	3555188
DOB:	03/02/16
TAT:	6305

SPUR FRANCHISE 7070
SIRE: **SPUR FRANCHISE OF GARTON**
H & H IRENE LASS 0135

TR COLT 45 UT806
DAM: **C-BAR ABIGRACE Y11**
C-BAR & BROWN ABIGRACE T712

◊ FRANCHISE's value in the 9 Mile and Pieper Red Angus programs is notable in emerging young females in both operations. His sons rank as one of the top sire groups for calving ease and phenotype selected by satisfied customers.

◊ He provides a red/black option with a focus on balance, along with one of the most prominent performance cow lines in the business, the Abigrace family.

◊ His progeny proof displays super figures for CED and low BW, and his projections for HPG, CEM and carcass merit rank him high for ProS and Gridmaster

◊ His phenotype continues to draw attention in Red Angus and SimAngus™ programs. He is mainstay for calving ease and phenotype.

From 9 Mile Ranch, WA and Pieper Red Angus, NE

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	136	67	69	16	-5.4	56	106	.31	2.10	37	7	10	11	16	.53	.04	41	.65	.05
Acc				.81	.92	.90	.89	.89	.39	.64	.42	.55	.65	.35	.65	.50	.71	.68	.45
% Rank	8	41	6	17	6	68	35	11	93	1	78	69	3	46	27	38	8	3	91

Individual sire performance data is listed on pages 94-95.

7AR86 BIEBER CL *STOCKMARKET* E119

$30

Son, Bieber Red Angus, SD

Son, Bieber Red Angus, SD

Son, Bieber Red Angus, SD

Open camera. Scan code. Click to learn more.

RAAA: 3751659	LSF SAGA 1040Y	ANDRAS FUSION R236
DOB: 01/15/17	**SIRE: PIE STOCKMAN 4051**	**DAM: BIEBER CL ADELLE 475C**
TAT: E119	PIE LAKOTA 046	BIEBER ADELLE 297Y

◊ An outcross pedigree with an opportunity to make multi-trait improvement and add phenotype in one complete package.
◊ STOCKMARKET's progeny confirm that he delivers breed-leading genetic merit with outstanding phenotype and consistency.
◊ A big spread sire that ranks near the top of the breed for CED, BW, WW, YW, and Marbling.
◊ A complete data package as he ranks near the top of the breed for all three indexes including GridMaster, HerdBuilder, and ProS.
◊ He is long-bodied with added muscle shape, depth of rib, and excellent feet.
◊ Individual ratios of 131 for IMF, 129 for Ribeye, and 116 ADG in the Bieber herd.
◊ A leading sire in the Bieber Red Angus program that continues to see heavy use in their breeding program.
◊ Ranks as the No. 5 sire at RAAA for registrations, and his progeny are well received in the marketplace.

From Bieber Red Angus and CL Red Angus, SD and Mill Springs Ranch, IL

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	144	87	57	17	-5.5	71	115	.27	1.77	27	1	9	13	17	1.06	.11	13	.22	.06
Acc				.75	.89	.85	.84	.84	.31	.32	.33	.26	.37	.34	.54	.45	.65	.57	.43
% Rank	6	13	15	8	5	18	20	26	77	34	46	83	1	29	1	71	71	27	98

Summer 2021 Red Angus Breed Average EPDs **Production:** ProS: 96 HB: 62 GM: 34 CED: 13 BW: -1.7 WW: 61 YW: 98 ADG: .23 DMI: 1.44
Maternal: Milk: 25 ME: 1 HPG: 11 CEM: 7 STAY: 15 **Carcass:** MARB: .42 YG: .06 CW: 21 REA: .12 FAT: .02

7AR85 KCC *EXCELLENCE* 139-774

$20

◊ Sleep all night Calving Ease and much more.
◊ A proven Calving Ease sire that ranks near the top of the breed for CED, BW, and CEM.
◊ EXCELLENCE has a unique combination of elite Calving Ease with added phenotype and REA.
◊ He is long-bodied with a lot of muscle shape, depth of rib, and excellent foot quality.
◊ In addition to added REA, he excels for both the HerdBuilder and ProS Indexes.
◊ An excellent choice for commercial heifer projects where CE is a must.

From Kniebel Cattle Company, KS and All Beef, IL

	LJC MERLIN T179
SIRE:	**LJC MERLIN 937Z**
	TR CARRIE WT937
	SCHULER ENVY 7342T
DAM:	**139 1KCC**
	KCC MISS BV 2105-528

RAAA: 3774413
DOB: 03/07/17
TAT: 774

Open camera. Scan code. Click to learn more.

Son, Kniebel Cattle Company, KS

Son, Kniebel Cattle Company, KS

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	136	92	44	21	-7.4	49	85	.23	1.33	29	-5	9	13	18	.37	-.19	13	.44	-.03
Acc				.65	.84	.80	.80	.80	.32	.25	.36	.26	.26	.34	.50	.37	.54	.43	.38
% Rank	9	9	31	1	1	87	75	53	39	21	23	78	1	15	56	3	71	9	3

7AR88 5L *BLAZIN STEEL* 6120-81C

$20

◊ BLAZIN STEEL's ranking in the top 5 percent for HB and 15 percent for ProS targets him as a female maker.
◊ BLAZIN STEEL's foot quality and phenotype are ranking him as an elite option to build back a foundation of females that last.
◊ His pedigree flexibility in most purebred and commercial programs allow options to mate to heifers and cows alike to bring back Calving Ease and Cowmaker to the replacement pen.
◊ His ability to be a potential foot improver and cowmaker are outstanding. Don't wait to plug this sire into your program.

From 5L Ranch, MT

	BUF CRK THE RIGHT KIND U199
SIRE:	**5L RED STEEL 3521-10A**
	5L LAKOTA 1715-3521
	5L DOUBLE BLAZE 1134-8576
DAM:	**5L SUNBURST 2705-6120**
	5L SUNBURST 792-2705

RAAA: 3493671
DOB: 02/06/15
TAT: 81C

Open camera. Scan code. Click to learn more.

Dam of BLAZIN STEEL

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	129	104	25	19	-5.4	55	94	.24	1.99	25	5	15	10	21	.24	.21	35	.06	.05
Acc				.61	.76	.70	.70	.70	.30	.31	.25	.21	.36	.34	.46	.41	.55	.51	.41
% Rank	12	3	64	3	6	71	59	44	89	53	65	14	9	3	82	94	15	55	90

Individual sire performance data is listed on pages 94-95.

7AR94 BIEBER *BLUE CHIP* H302

$25

◊ An exciting 7AR86 STOCKMARKET son that was a feature sire in the 2021 Bieber Red Angus Sale.
◊ Ranks near the top of the breed for all three Calving Ease traits, CED, BW, and CEM.
◊ He is a 6.0 frame with added muscle shape, depth of rib, and excellent feet.
◊ He had individual ratios of 86 BW, 103 WW, 103 YW, and 137 for IMF.
◊ In addition to his elite Calving Ease, he excels for Marbling, REA, and both ProS and HB Indexes.

From Bieber Red Angus Ranch, SD

	PIE STOCKMAN 4051
SIRE:	**BIEBER CL STOCKMARKET E119**
	BIEBER CL ADELLE 475C
	BIEBER IRON ORE A104
DAM:	**BIEBER ROSE 162C**
	BIEBER ROSE 475A

RAAA: 4303789
DOB: 02/27/20
TAT: H302

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	145	102	44	20	-5.8	70	111	.26	1.93	28	2	11	14	19	.88	.06	11	.26	.05
Acc				.44	.49	.47	.48	.48	.16	.15	.16	.24	.21	.26	.39	.36	.45	.43	.36
% Rank	3	3	28	1	3	16	18	26	91	20	50	60		10	1	54	83	18	98

7AR98 BROWN JRAR *END ZONE* H6629

NEW

$25

◊ A new exciting Calving Ease prospect out the RAB program that has herd sire written all over him.
◊ A big spread sire that ranks near the top of the breed for a multitude of traits including CED, BW, HPG, Marb, REA, GridMaster, and ProS.
◊ A multi-purpose sire that is not only elite for carcass merit but has high projections for maternal value as well.
◊ Ranks near the top of breed for $Profit Index, not only will he make awesome daughters but profitable feeder cattle as well.
◊ He is a maternal brother to Oracle and Fantastic.
◊ Semen available Spring 2022.

From R.A. Brown Ranch, TX and Jennings Red Angus, TX

	BIEBER ROLLIN DEEP Y118
SIRE:	**BIEBER DEEP END B597**
	BIEBER LAURA 158W
	BECKTON NEBULA P P707
DAM:	**BROWN MS P707 Y6648**
	BROWN MS JULIAN W6579

RAAA: 4232984
DOB: 12/31/19
TAT: H6629

Dam of END ZONE

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	160	87	73	16	-4.9	63	104	.26	1.76	27	6	16	10	17	.77	.03	37	.53	.03
Acc				.45	.48	.47	.47	.47	.23	.26	.16	.32	.31	.34	.47	.40	.49	.48	.44
% Rank	1	12	2	10	7	38	33	28	82	33	77	3	7	31	3	32	6	2	82

Summer 2021 Red Angus Breed Average EPDs **Production:** ProS: 96 HB: 62 GM: 34 CED: 13 BW: -1.7 WW: 61 YW: 98 ADG: .23 DMI: 1.44
Maternal: Milk: 25 ME: 1 HPG: 11 CEM: 7 STAY: 15 **Carcass:** MARB: .42 YG: .06 CW: 21 REA: .12 FAT: .02

7AR73 PIE *CINCH* 4126

$25

◊ CINCH has cemented his place in the Red Angus breed for siring consistently good cattle that have muscle, depth of body, great feet, and solid dispositions.
◊ He is big-bodied, bold-sprung, with lots of base width and muscle expression.
◊ He has the great ability to combine eye-appeal with stoutness and dimension to his progeny.
◊ Major cow power stacked in his pedigree with excellent udders.
◊ At his current age, CINCH maintains an athletic appearance, with lots of muscle shape, and good feet to give him that herd sire look.

From Pieper Red Angus, NE and Rhodes Red Angus, SD

	BECKTON EPIC R397 K
SIRE:	**LSF SAGA 1040Y**
	LSF MINOLA T7172 W9041
	HXC CONQUEST 4405P
DAM:	**TKP BONNE BEL 110**
	TKP BONNE BEL 9031

RAAA: 1725110
DOB: 03/03/14
TAT: 4126

Open camera. Scan code. Click to learn more.

Son, Raml Cattle, SD

Son, Graddy Meadow Ranch, ND

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	42	56	-14	14	-2.9	71	112	.26	1.51	25	-1	9	6	15	-.03	.17	17	-.19	.03
Acc				.78	.91	.89	.87	.87	.41	.69	.41	.53	.65	.49	.54	.48	.73	.66	.40
% Rank	97	62	99	38	30	20	24	32	55	49	37	85	65	56	99	89	60	92	70

14AR2073 BIEBER *SPARTACUS* A193

$20

◊ An excellent choice if you are looking to build consistency, while maintaining excellent growth and phenotype.
◊ He sires added body length and dimension, with excellent foot quality.
◊ He provides a unique combination of proven high Heifer Pregnancy and high Marbling.
◊ SPARTACUS is known for his excellent disposition and passing it on to his progeny.
◊ With over 1,000 registered calves to his credit, he has proven to be one of the most balanced and consistent sires in the breed.

From Bieber Red Angus Ranch, SD; Jeffries Land and Cattle, OK and Accelerated Genetics, WI

	LCC CHEYENNE B221L
SIRE:	**BIEBER ROUSE SAMURAI X22**
	GHR MARITA R31
	LCOC HIGH NOON A093R
DAM:	**BIEBER TILLY 233U**
	BIEBER TILLY 7334

RAAA: 1617230
DOB: 03/05/13
TAT: A193

Open camera. Scan code. Click to learn more.

Son, Bieber Red Angus Ranch, SD

Daughter, Jeffries Land and Co, OK

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	61	16	44	15	-3.7	75	118	.27	2.01	27	6	16	8	6	.69	.19	30	.06	.05
Acc				.79	.92	.90	.90	.90	.37	.77	.58	.70	.72	.62	.62	.49	.70	.61	.48
% Rank	89	97	30	28	19	12	16	26	90	30	71	6	37	99	10	93	23	55	92

Individual sire performance data is listed on pages 94-95.

7AR89 HXC *GRINDSTONE* 9908G

SELECT SIRES

$30

Dam of GRINDSTONE

Open camera.
Scan code.
Click to
learn more.

RAAA: 4187454
DOB: 02/04/19
TAT: 9908G

SIRE: HXC ALLEGIANCE 5502C
HXC 100Y

LEACHMAN PLEDGE A282Z

DAM: HXC 605D
HXC 905W

SPUR FRANCHISE OF GARTON

◊ Phenotype, performance, and carcass merit in one complete package.
◊ Power sire loaded with muscle, depth of rib, and length of body in a 6.2 frame score.
◊ Ranks near the top of breed for REA, Marbling, Carcass Weight, GridMaster, and ProS.
◊ His dam 605D, is a rising star in the Hueftle herd with a 107 MPPA and excellent udder quality and feet.
◊ Posted individual growth ratios of 115 WW, 115 YW, and 115 ADG.
◊ Early calf reports look very good, as calves exhibit added muscle and base width.

From Hueftle Cattle Company, NE

"

At Hueftle Cattle Company, we focus on producing cutting-edge, outcross genetics like GRINDSTONE. In the Red Angus breed, his EPD profile has 7 traits in the top 5 percent or higher. He scores in the top 10 percent in the new ProS index, which measures profitability & sustainability. His Dam, 605D is a rising star in the HXC herd, with a 107 MPPA. The Allegiance X Spur Garton combination is proving to be highly successful in our breeding program.

Neil Hueftle
Hueftle Cattle Company, NE

"

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	137	57	80	10	0.1	76	130	.34	2.27	27	10	13	5	16	.67	.09	57	.52	.02
Acc				.43	.49	.47	.48	.48	.19	.21	.11	.25	.25	.28	.42	.37	.47	.45	.38
% Rank	8	60	3	81	79	11	6	5	97	32	88	33	79	47	11	61	2	6	61

Summer 2021 Red Angus Breed Average EPDs **Production:** ProS: 96 HB: 62 GM: 34 CED: 13 BW: -1.7 WW: 61 YW: 98 ADG: .23 DMI: 1.44
Maternal: Milk: 25 ME: 1 HPG: 11 CEM: 7 STAY: 15 **Carcass:** MARB: .42 YG: .06 CW: 21 REA: .12 FAT: .02

YOUR SUCCESS *Our Passion.* | **71**

14AR2091 LSF RHO *NIGHT FOCUS* 76B

Accelerated Genetics **$18**

◊ Outcross to a lot of the pedigrees being used to date.
◊ High Accuracy proven sire with 300 registered progeny.
◊ Top 1 percent ProS, 2 percent HB, 11 percent GM
◊ Excellent carcass traits including top 4 percent MARB
◊ High maternal traits including top 1 percent HPG
◊ Offers mating flexibility that will work in most all environments. Calves come easy with good vigor & grow off well.

From Rhodes Red Angus, KS; Orion Beef Group, MT; C&C Family Partners, 3B Bar Ranch, Rocking MR Ranch and 3K Land & Cattle Co., TX and JYJ Red Angus, AL

	MESSMER PACKER S008		RAAA:	1725295
SIRE:	LSF NIGHT CALVER 9921W		DOB:	09/06/14
	LSF DELLA P4078 U8051		TAT:	76B
	MYTTY IN FOCUS			
DAM:	RHODES BN MINERVA Z532			
	BIEBER MINVERA207X			

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	170	109	61	15	-3.0	75	113	.24	1.62	32	-5	20	8	17	.79	.25	44	.18	.07
Acc				.62	.80	.74	.74	.74	.46	.40	.31	.40	.42	.40	.53	.44	.61	.50	.47
% Rank	1	2	11	21	28	12	22	45	65	6	24	1	26	33	5	98	6	34	98

14AR2094 5L *TOPGUN* 560-65B

Accelerated Genetics **$20**

◊ TOP GUN's classification as a go to calving ease and carcass option allows him merit with an outcross mating to most of the current young sires emerging in the breed.
◊ This sire's proof in the 5L, Croissant and Solid Rock Red Angus programs is driving his accuracy as a strong option to sire young seed stock excelling in ProS, Gridmaster, and a suite of convenience traits like CED, BW, ME, HPG, and CEM.
◊ TOPGUN's progeny draws attention from visitors and at sales across the country.
◊ Overall customer satisfaction for use on heifers in purebred and commercial operations is notable and their potential to finish with premiums for Gridmaster allows him to land on your short list.

From 5L Ranch, MT; Croissant Red Angus and Solid Rock Red Angus, CO

Son, Croissant Red Angus, CO

	BUF CRK THE RIGHT KIND U199		RAAA:	1701524
SIRE:	5L ADVANTAGE 3267-221Y		DOB:	02/19/14
	5L ADINA 195-3267		TAT:	65B
	TC STOCKMAN 365			
DAM:	5L BLACK ADINA 525-560			
	5L ADINA 293-525			

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	134	64	70	20	-6.7	54	90	.22	1.05	19	-10	27	9	7	.75	-.07	19	.31	-.01
Acc				.76	.89	.86	.86	.86	.47	.69	.44	.59	.64	.48	.69	.53	.72	.68	.57
% Rank	10	47	6	2	2	74	66	55	20	90	12	1	16	99	6	7	54	17	11

Individual sire performance data is listed on pages 94-95.

14AR2093 SCHULER *SUPREMACY* 7177E

Accelerated Genetics **$20**

◊ The next generation in sleep all night calving ease sires from Schuler Red Angus.
◊ He delivers an exceptional balance of fertility, longevity and maternal calving ease that makes him a great choice to build profitable cow herds.
◊ He offers attractive phenotype in which he is smooth shouldered with extra length of body and depth of rib.
◊ In addition to Calving Ease, his calves have exceeded our expectations for thickness and performance.
◊ Ranks near the top of the breed for Maternal traits of Heifer Pregnancy, Stayability and HerdBuilder index.
◊ Another ideal Red Angus sire for commercial heifer projects where Calving Ease and Maternal Value are highly regarded.

From Schuler-Olsen Ranch, NE

	5L BOURNE 117-48A	RAAA:	3778501
SIRE:	**5L BOURNE 670-111C**	DOB:	03/28/17
	5L ADINA 2174-670	TAT:	7177
	SCHULER ENDURANCE 2101Z		
DAM:	**SOR KARVE ENDRANCE 4205B**		
	SOR KARVE PCKR 2625Z		

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	129	95	35	15	-2.9	56	103	.29	1.44	19	10	20	9	18	.35	.00	9	.20	.02
Acc				.68	.84	.81	.80	.80	.29	.26	.32	.25	.34	.29	.49	.43	.58	.54	.42
% Rank	12	7	45	23	30	68	40	16	49	87	87	1	17	17	60	21	83	30	61

14AR2075 SCHULER *REBEL* 0029X

Accelerated Genetics **$20**

◊ REBEL has become the go-to Red Angus sire for commercial heifer projects where fertility, Calving Ease and Maternal Strength are highly regarded.
◊ A proven high-conception rate sire who was the first 1B bull to dominate Red Angus semen sales volume at a major A.I. stud.
◊ His reputation for siring Calving Ease and superior HerdBuilder traits has made him friends to many producers doing commercial breeding projects.
◊ He makes wonderful daughters that are moderate framed, easy fleshing with excellent udder quality.
◊ He is one of the few sires in the breed that are -5.0 or less for BW and greater than 19 for CED with over 100 YW.
◊ He is the ideal Red Angus sire where excellent fertility, sleep-all-night Calving Ease and calf vigor are a must.

From Schuler-Olsen Ranch and Simpson Ranch, NE

Son, Schuler-Olsen Ranch, NE

	BECKTON NEBULA M045	RAAA:	1382355
SIRE:	**BECKTON NEBULA P P707**	DOB:	03/09/10
	BECKTON LANA M809 EP	TAT:	0029X
	BIEBER ROMERO 9136	Category 1B	
DAM:	**SOR RUTH RMR 5055R**		
	SOR RUTH NE 0095K		

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	102	87	15	19	-5.2	63	101	.24	1.83	39	-2	12	10	18	.46	.24	14	-.43	.03
Acc				.79	.91	.89	.89	.89	.52	.76	.53	.80	.69	.60	.77	.61	.82	.79	.74
% Rank	40	13	80	3	7	44	45	46	81	1	32	45	12	24	38	97	69	99	72

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Maternal: Milk: 25 ME: 1 HPG: 11 CEM: 7 STAY: 15 **Carcass:** MARB: .42 YG: .06 CW: 21 REA: .12 FAT: .02

YOUR SUCCESS *Our Passion.* | **73**

ALL RED ANGUS SIRES AVAILABLE

RED ANGUS - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	🍁	ProS EPD	HB EPD	GM EPD	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	DMI EPD	DMI Acc	MM EPD	MM Acc	ME EPD	ME Acc	HPG EPD	HPG Acc	CEM EPD	CEM Acc	STAY EPD	STAY Acc	MARB EPD	MARB Acc	YG EPD	YG Acc	CW EPD	CW Acc	REA EPD	REA Acc	FAT EPD	FAT Acc
7AR89	4187454	GRINDSTONE	YES	136	56	80	10	.43	0.0	.49	76	.47	130	.48	2.27	.19	27	.20	10	.11	13	.25	5	.25	16	.27	.67	.41	.09	.37	57	.48	.53	.45	.02	.37
14AR2092	3816299	DAWSON	YES	168	95	73	17	.63	-4.7	.81	73	.76	127	.74	2.08	.34	25	.25	14	.20	15	.25	10	.35	20	.28	.66	.53	.14	.42	45	.59	.22	.52	.02	.40
14AR2085	3474996	ATOMIC	YES	157	98	58	18	.77	-4.2	.90	71	.87	124	.87	1.84	.41	30	.60	0	.53	7	.56	10	.60	22	.42	.60	.58	.13	.49	30	.65	.08	.64	.03	.50
14AR2073	1617230	SPARTACUS	YES	71	29	42	15	.80	-3.8	.92	75	.90	118	.90	2.01	.37	28	.78	6	.58	16	.70	8	.72	8	.60	.68	.60	.20	.51	29	.70	.04	.67	.05	.50
7AR78	3538390	TESLA	YES	132	77	55	16	.68	-3.7	.84	72	.80	116	.79	1.87	.38	33	.40	15	.35	12	.27	12	.41	17	.41	.66	.54	.12	.43	33	.59	.21	.56	.04	.40
7AR86	3751659	STOCKMARKET	YES	149	91	58	17	.75	-5.6	.89	72	.86	116	.84	1.77	.31	25	.30	1	.33	9	.26	13	.32	18	.35	1.07	.48	.11	.43	14	.64	.23	.56	.06	.39
14AR2091	1725295	NIGHT FOCUS	YES	172	108	64	16	.62	-3.2	.80	75	.76	113	.75	1.62	.46	32	.46	-5	.31	20	.40	9	.42	17	.36	.81	.56	.25	.42	45	.61	.19	.50	.06	.43
7AR73	1725110	CINCH	YES	43	57	-14	14	.78	-2.9	.91	70	.89	112	.88	1.51	.41	25	.69	-1	.41	9	.53	6	.65	15	.49	-.03	.57	.17	.49	17	.73	-.19	.66	.03	.46
7AR94	4303789	BLUE CHIP	YES	150	106	44	20	.44	-5.8	.49	70	.46	111	.47	1.93	.16	27	.15	2	.16	11	.24	14	.21	20	.25	.88	.38	.06	.33	11	.45	.28	.43	.06	.28
7AR87	3555188	FRANCHISE	YES	139	69	70	16	.81	-5.4	.92	57	.90	106	.89	2.10	.39	37	.67	7	.42	10	.55	11	.65	16	.35	.53	.64	.05	.51	42	.71	.66	.68	.05	.49
7AR98	4232984	END ZONE	NO	159	87	72	16	.45	-4.9	.48	64	.48	105	.48	1.76	.23	27	.27	6	.16	16	.32	10	.31	17	.36	.76	.46	.03	.39	37	.49	.53	.48	.03	.41
14AR2093	3778501	SUPREMACY	YES	130	95	35	15	.68	-2.9	.84	56	.80	102	.80	1.44	.29	19	.31	10	.32	20	.25	9	.34	18	.25	.56	.36	.00	.41	8	.58	.19	.54	.02	.37
14AR2075	1382355	REBEL	YES	102	88	14	19	.79	-5.2	.91	63	.89	101	.89	1.83	.52	39	.77	-2	.53	12	.80	10	.69	18	.58	.45	.78	.24	.61	14	.82	-.43	.79	.03	.75
7AR79	3539663	LIBERTY	YES	89	29	59	16	.69	-4.0	.82	55	.78	97	.76	1.40	.37	23	.39	-1	.29	12	.32	6	.44	11	.33	.74	.48	.04	.46	13	.63	-.10	.59	.00	.45
7AR88	3493671	BLAZIN STEEL	YES	130	105	24	19	.62	-5.4	.75	55	.70	93	.70	1.99	.30	25	.32	5	.25	15	.21	10	.36	21	.30	.24	.50	.21	.40	35	.55	.05	.51	.05	.38
14AR2094	1701524	TOP GUN	YES	133	63	70	20	.76	-6.8	.89	54	.86	90	.86	1.05	.47	19	.69	-10	.44	27	.59	9	.64	7	.45	.75	.66	-.07	.53	19	.72	.31	.68	-.01	.56
7AR85	3774413	EXCELLENCE	YES	134	91	43	21	.67	-7.4	.84	49	.80	85	.80	1.33	.32	28	.26	-5	.36	9	.26	12	.30	18	.34	.37	.48	-.18	.37	13	.54	.42	.43	-.03	.38

RAAA EPDs as of 11/15/21
☐ *= top 35 percent of the breed*
RED TEXT *= semen available, but sire is not listed in directory*
🍁 *= Canadian availability*

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Getting a calf off to a strong start is critical. To help support the pre-weaned calf, look to Tri-Start Jr+ (paste form). Developed using the latest calf research and technology, the unique formula of Tri-Start Jr+ is designed to help protect calves against pathogens, while also enhancing gut health and boosting digestive and immune system development. Tri-Start Jr+ is perfect for jumpstarting a newborn calf or anytime a pre-weaned calf experiences health, environmental or management challenges. Available in single-dose and multi-dose applicators.

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The latest research suggests that producers need to raise the bar on successful passive transfer.

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Phone: (614) 873-4683 ◆ www.selectsires.com

7HP126 TH 523F 738C *SLEEP ON* 163H

$25

◊ When it rains, it pours! This youngster offers buckets of genetic excitement and he earns it for lots of reasons.
◊ Phenotypically, you won't find one much better. SLEEP ON is made right, long and thick over his top and possesses an ideal rib shape with a full, square hip.
◊ His EPD profile offers high rankings for Calving Ease, Weaning, SCF and every index.
◊ Sought-after by several at the 2021 Topp Hereford sale, SLEEP ON traces to 7HP110 TESTED X651, the marbling king of the Hereford breed.

From Five J's Cattle Co., NC and Topp Herefords, ND

	HYALITE ON TARGET 936
SIRE:	**BAR JZ SLEEP ON 738C**
	BAR JZ VIRGINIA 500Y
	TH 403A 475Z PIONEER 358C ET
DAM:	**TH 4021 358C JEWELL 523F ET**
	INNISFAIL 723 U208 4021 ET

AHA: 44140749
DOB: 01/16/20
TAT: 163H

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	9.2	0.0	64	94	.6	.9	20.2	35	67	.2	95	1.5	1.5	70	.063	.31	.40	413	517	130
Acc	.41	.49	.43	.44	.14	.40	.26	.27		.25	.21	.39	.40	.21	.26	.21	.23			
% Rank	8	6	9	25	92	48	14	5	4	69	62	1	2	36	95	67	3	13	8	14

HOMO. POLLED
AI PERMITTED

7HP125 CMF 1720 *GOLD RUSH* 569G ET

$25

◊ Endure son with lots to like – there's extra growth, dark red and goggle-eyed pattern and a super pedigree compliment.
◊ The CMF prefix is well-known for breeding useful, good-doing cattle for their customers – GOLD RUSH is no exception.
◊ Stout, big-hipped and high for both Ribeye and Marbling and EVERY index, expect GOLD RUSH to generate calves with rapid early growth and good looks along with added end-product merit.
◊ Another new addition with 7HP110 TESTED X651 in his lineage.

From Candy Meadows Farm, TN

	KCF BENNETT ENCORE Z311 ET
SIRE:	**NJW 79Z Z311 ENDURE 173D ET**
	BW 91H 100W RITA 79Z ET
	EFBEEF RESOLUTE CEO
DAM:	**L III TFL C609 VICTORIA 1720**
	L III X651 RITA A045

AHA: 44108010
DOB: 11/27/2019
TAT: CMF569G

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	6.7	3.1	69	113	.8	1.3	22.0	24	59	1.1	112	1.2	1.3	81	.053	.62	.58	467	587	168
Acc	.40	.45	.43	.43	.14	.37	.30	.29		.28	.23	.42	.42	.10	.10	.10	.10			
% Rank	17	54	3	3	98	12	6	54	19	59	90	41	22	8	91	9	1	3	1	1

HOMO. POLLED
AI PERMITTED

Individual sire performance data is listed on pages 94-95.

7HP120 BEHM 100W *CUDA* 504C

$25

SELECT SIRES

Daughter, Colyer Herefords, ID

Daughter, Sunny Side Farm, OH

Son, Hoffman Ranch, NE

Open camera.
Scan code.
Click to
learn more.

AHA: 43636764
DOB: 03/04/15
TAT: BEHM504C

	KCF BENNETT 3008 M326		KCF BENNETT 9126J R294
SIRE:	NJW 73S M326 TRUST 100W ET	DAM:	BEHM R294 JASMAN102Y
	NJW P606 72N DAYDREAM 73S		CPH MS WRANGLER 1W

◊ Now a trait leader for a whopping 16 traits, CUDA is a rare sire who can offer improvement in just about every category.
◊ Combines Calving Ease, growth, maternal goodness and Carcass Merit as well as any – and he's proven.
◊ One of the most heavily used sires in the breed over the past year, CUDA's ability to make both great daughters and sons will help to maintain his wide-spread use.

From Larry & Logan Behm, ND and Knoll Crest Farm, VA

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	13.4	-0.6	68	114	.4	1.3	19.8	47	81	3.1	81	1.4	1.3	88	-.017	.68	.49	456	566	189
Acc	.66	.90	.83	.83	.46	.69	.42	.54		.56	.54	.72	.74	.53	.53	.53	.53			
% Rank	2	4	4	3	77	12	16	1	1	34	30	5	22	2	6	5	2	4	2	1

HOMO. POLLED
AI PERMITTED

Fall 2021 Hereford Breed Average EPDs **Production:** CED: 2.7 BW: 2.8 WW: 53 YW: 85 DMI: .2 SC: 1.0 SCF: 16.5 MM: 25 M&G: 51 MCE: 1.8
MCW: 89 UDDER: 1.2 TEAT: 1.2 **Carcass:** CW: 66 FAT: .015 REA: .38 MARB: .11 BMI$: 351 BII$: 421 CHB$: 113

14HP1037 KT *SMALL TOWN KID* 5051

Accelerated Genetics   **$20**

◊ Great combination of Calving Ease, phenotype and performance.
◊ He is best described as moderated framed, square made, soft bodied, with good feet and sound structure.
◊ In addition to phenotype, he offers a very balanced trait EPD profile, ranking in the top 10 percent of breed for 10 different traits, including Calving Ease and multiple Maternal traits.
◊ Ranks in the top 5 percent of breed for both CED and BW, and top 1 percent of breed for Udder Suspension and Teat Size.
◊ A perfect sire for those who want a Hereford bull with great phenotype and Calving Ease in the same package. He has over 900 progeny in his record with a 98 ratio for BW.
◊ He stacks a pedigree of breed greats with Hometown, Time's A Wastin, and Prospector.
◊ SMALL TOWN KID has been identified as a carrier of Mandibulofacial Dysostosis (MD).

From Thomas Herefords, MT and Accelerated Genetics, WI

Son, Thomas Herefords, MT

Son, Goff and Piscone, WV

Son, Thomas Herefords, MT

	SHF WONDER M326 W18 ET
SIRE:	**NJW 73S W18 HOMETOWN 10Y ET**
	NJW P606 72N DAYDREAM 73S
	RST TIMES A WASTIN 0124
DAM:	**KT MS 0124 TIMES A WASTIN 2086**
	KT MS K085 PROSPECTOR 4016

AHA: 43621413
DOB: 02/18/15
TAT: 5051

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	11.8	-0.5	62	100	.6	1.0	25.9	32	63	5.0	112	1.6	1.6	94	.063	.60	.21	519	611	150
Acc	.65	.89	.83	.82	.21	.71	.41	.52		.52	.48	.72	.73	.31	.38	.31	.33			
% Rank	3	4	13	14	93	37	1	12	9	16	91	1	1	1	95	11	15	1	1	4

HETERO. POLLED

AI PERMITTED

7HP116 MOHICAN THM *EXCEDE* Z426

Select Sires   **$20**

◊ A proven sire of genetics to build your cow herd around.
◊ Spreads out Calving Ease and growth while ranking in the top 10 percent of the breed for every index
◊ EXCEDE daughters are valued for their feminine look, their excellent udder design and their ability to raise heavy calves.

From Mead Cattle, GA

Daughter, Parker Bros. Polled Herefords ,TN

Daughter, Parker Bros. Polled Herefords ,TN

Son, Candy Meadow Farms, TN

	TH 122 71I VICTOR 719T
SIRE:	**TH 133U 719T UPGRADE 69X**
	TH 14S 103R MEGAN 133U
	KCF BENNETT 3008 M326
DAM:	**NJW M326 UNFORGETTABLE 76W ET**
	NJW P606 72N DAYDREAM 73S

AHA: 43292949
DOB: 04/24/12
TAT: Z426

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	7.1	0.0	60	103	.1	1.2	24.0	35	65	-.4	89	1.5	1.5	75	.023	.40	.12	477	559	133
Acc	.71	.91	.85	.85	.43	.72	.50	.64		.66	.63	.81	.81	.53	.53	.51	.52			
% Rank	15	6	21	9	43	19	3	5	6	75	47	1	2	20	59	46	36	2	3	11

HOMO. POLLED

AI PERMITTED

Individual sire performance data is listed on pages 94-95.

7HP122 NJW 160B 028X *HISTORIC* 81E ET

$25

◊ HISTORIC has found his way into many maternally focused programs with good reason. His prefix has become the standard for quality females and his performance stats and pedigree are designed for better cows.

◊ Strong, stouter than average and ranking high for a long list of cowmaker traits, HISTORIC is backed by some of the best udder genetics in the breed.

◊ His Calving Ease and low birth weight allow for use on heifers – where your 'next best cows' reside.

From NJW Polled Herefords, WY

	UPS DOMINO 3027
SIRE:	**CHURCHILL SENSATION 028X**
	CHURCHILL LADY 7202T ET
	NJW 76S P20 BEEF 38W ET
DAM:	**NJW 73S 38W DAYDREAM 160B**
	NJW P606 72N DAYDREAM 73S

AHA: 43829334
DOB: 02/09/17
TAT: 160B81E

Open camera. Scan code. Click to learn more.

Daughter, Neil Farms, MN   *Daughter, Boyd Beef Cattle, KY*   *Daughter, Cottage Hill Farm, WV*

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	7.7	-0.3	51	80	.2	1.0	30.0	35	60	.4	63	1.4	1.4	73	.063	.90	.19	565	645	126
Acc	.67	.88	.80	.77	.21	.59	.43	.43		.48	.01	.63	.65	.42	.46	.41	.43			
% Rank	12	5	60	68	54	37	1	6	16	67	9	5	8	26	95	1	19	1	1	18

HETERO. POLLED
AI PERMITTED

7HP124 BOYD *POWER SURGE* 9024

$25

◊ Powerful, right-sized and loaded with muscle, POWER SURGE is earning high marks as a great customer satisfaction sire.

◊ Those with early calves will claim they are some of the best they've ever had – and are easy to look at and and possess more base width than most.

◊ Great for improving color patterns and backed by a strong cow, POWER SURGE pushed growth to the limit with acceptable Calving Ease.

From The Power Surge Group

	R LEADER 6964
SIRE:	**BOYD 31Z BLUEPRINT 6153**
	NJW 91H 100W RITA 31Z ET
	TH 403A 475Z PIONEER 358C ET
DAM:	**TH 329 358C LANA 76E**
	FTF 7227 MS LOGIC 329A

AHA: 44004782
DOB: 01/06/19
TAT: 9024

Open camera. Scan code. Click to learn more.

Daughter, Cottage Hill Farm, WV   *Daughter, Matheny Herefords, KY*   *Daughter, Boyd Beef Cattle, KY*

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	10.8	2.0	67	115	.6	1.6	16.2	29	62	3.7	102	1.3	1.4	82	.053	.67	-.06	353	425	116
Acc	.43	.69	.53	.51	.16	.42	.29	.27		.27	.23	.43	.43	.10	.10	.10	.10			
% Rank	5	28	5	2	92	3	51	27	10	27	77	16	8	6	91	6	95	45	43	36

HETERO. POLLED
AI PERMITTED

Fall 2021 Hereford Breed Average EPDs **Production:** CED: 2.7 BW: 2.8 WW: 53 YW: 85 DMI: .2 SC: 1.0 SCF: 16.5 MM: 25 M&G: 51 MCE: 1.8
MCW: 89 UDDER: 1.2 TEAT: 1.2 **Carcass:** CW: 66 FAT: .015 REA: .38 MARB: .11 BMI$: 351 BII$: 421 CHB$: 113

7HH59 GO **MASTERPIECE** B76

AHA: 43481878   DOB: 02/24/14   TAT: B76

$18

SIRE: ER L1 MASTERPIECE
- CJH HARLAND 408
- ER ADV DOMINETTE 326

DAM: GO MS 8019 DOMINO Y50
- UPS DOMINO 8019
- GO MS 3196 ADVANCE U62

◊ The horned Calving Ease sire you have been looking for.
◊ He ranks near the top of the breed for all three Calving Ease traits of CED, BW, and MCE. Progeny in his performance pedigree have a 95 Birth Weight ratio.
◊ In addition to elite Calving Ease, he excels for carcass merit, ranking high for both REA and $CHB.
◊ MASTERPIECE offers excellent Maternal value as well. Daughters are deep ribbed and easy fleshing with balanced udders and good pigment.

From George Ochsner & Sons, WY

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	17.0	-1.8	58	91	.5	.8	16.3	30	59	15.7	106	1.2	1.2	79	.053	.62	.13	361	436	125
Acc	.40	.73	.64	.66	.19	.52	.31	.37		.38	.38	.45	.46	.15	.18	.15	.16			
% Rank	1	2	28	33	87	60	50	22	21	1	84	41	47	10	91	9	33	40	37	20

HORNED
NON-CERTIFICATE AI SIRE

14HP1043 HUTH FTF **TORQUE** C002

AHA: 43594696   DOB: 04/11/15   TAT: HUTHC002

$20

SIRE: SHF YORK 19H Y02
- MSU MF HUDSON 19H
- LOEWEN MISS P20 10W

DAM: HUTH T013 DOMINETTE Z016
- UPS DOMINO 3027
- HUTH R007 VERA T013

◊ A combination of Performance and Maternal Value.
◊ One of our best for udder quality as he ranks near the top of the breed for Teat Size and Udder Suspension.
◊ Provides extra pounds of Weaning and Yearling Weight. With over 400 progeny in his record, they are ratioing 102 for WW and 101 for YW.
◊ Red-necked and goggle eyed, TORQUE is a moderate framed sire loaded with performance.

From Huth Polled Herefords, WI; Falling Timber Farm, MO and Select Sires, OH

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	3.1	3.4	75	112	.5	1.8	21.7	21	59	-4.1	122	1.8	1.7	97	.093	.44	.02	444	535	128
Acc	.60	.86	.79	.77	.31	.61	.37	.47		.48	.01	.66	.66	.46	.48	.44	.47			
% Rank	43	61	1	3	91	1	7	75	20	96	97	1	1	1	100	36	75	6	5	16

HOMO. POLLED
AI PERMITTED

14HP1030 KT **BUILT TUFF** 1010

AHA: 43231454   DOB: 02/06/11   TAT: 1010

$20

SIRE: NJW 98S DURANGO 44U
- THM DURANGO 4037
- NJW 9126J DEW DOMINO 98S

DAM: KT MS R117 RIB EYE 9177
- SHF RIB EYE M326 R117
- KT MS 122L ONLINE 4011

◊ Modest Calving Ease with excellent Maternal Value.
◊ Ranks in the top 1 percent of breed for maternal traits including Udder Suspension and Teat Size.
◊ Has 3 Dams of Distinction in his pedigree.
◊ Will make moderate framed, easy-fleshing cattle with lots of rib shape and extra dimension.
◊ He has over 800 progeny in his record with a 99 ratio for BW

From Kurt & Jessica Thomas, MT; Huth Polled Herefords, WI and Ernst Herefords, CO

EPDs as of 11/08/21

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI$	BII$	CHB$
EPD	7.5	0.3	57	77	.0	1.6	15.3	20	49	3.5	48	1.7	1.8	54	-.007	-.13	.25	317	401	107
Acc	.69	.90	.84	.84	.18	.70	.56	.69		.64	.65	.80	.81	.33	.41	.34	.34			
% Rank	13	8	32	74	26	3	61	80	66	30	3	1	1	91	12	99	10	72	58	60

HOMO. POLLED
AI PERMITTED

Fall 2021 Hereford Breed Average EPDs **Production:** CED: 2.7 BW: 2.8 WW: 53 YW: 85 DMI: .2 SC: 1.0 SCF: 16.5 MM: 25 M&G: 51 MCE: 1.8 MCW: 89 UDDER: 1.2 TEAT: 1.2 **Carcass:** CW: 66 FAT: .015 REA: .38 MARB: .11 BMI$: 351 BII$: 421 CHB$: 113

ALL HEREFORD SIRES AVAILABLE

HEREFORD - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	DMI EPD	DMI Acc	SC EPD	SC Acc	SCF EPD	SCF Acc	MM EPD	M&G EPD	MCE Acc	MCW EPD	MCW Acc	UDDER EPD	UDDER Acc	TEAT EPD	TEAT Acc	CW EPD	CW Acc	FAT EPD	FAT Acc	REA EPD	REA Acc	MARB EPD	MARB Acc	BMI$ EPD	BII$ EPD	CHB$ EPD
7HP124	44004782	POWER SURGE	YES	9.2	.43	2.7	.70	67	.53	115	.51	0.4	.16	1.6	.42	16.5	.29	28	.25	62	3.2	.27	100	.23	1.3	.44	1.4	.43	81	.10	.042	.10	.66	.10	-.07	.10	360	431	117
7HP120	43636764	CUDA	YES	13.4	.66	-0.6	.90	68	.82	114	.82	0.4	.46	1.3	.69	20.1	.42	48	.49	82	3.1	.56	79	.54	1.4	.72	1.3	.74	88	.53	-.018	.53	.69	.53	.49	.53	461	571	189
7HP125	44108010	GOLD RUSH	YES	6.7	.40	3	.45	69	.43	113	.43	0.8	.14	1.3	.37	22.2	.30	25	.28	59	1.3	.28	110	.23	1.2	.42	1.3	.42	80	.10	.052	.10	.62	.10	.59	.10	470	591	168
14HP1043	43594696	TORQUE	YES	3.0	.60	3.4	.86	75	.79	113	.77	0.5	.31	1.8	.61	22.1	.37	21	.48	59	-4.3	.48	124	.01	1.8	.66	1.7	.66	97	.47	.092	.48	.43	.45	.02	.47	450	542	128
7HP116	43292949	EXCEDE	YES	7.2	.71	-0.1	.91	60	.85	103	.85	0.1	.43	1.2	.72	23.9	.50	35	.65	65	-.3	.66	90	.63	1.5	.81	1.5	.81	75	.53	.022	.53	.40	.51	.12	.52	476	558	133
14HP1037	43621413	SMALL TOWN KID	NO	12.0	.65	-0.5	.89	63	.83	101	.82	0.6	.21	1	.71	26.3	.41	32	.49	63	5.1	.52	111	.48	1.5	.72	1.6	.73	94	.31	.062	.38	.60	.31	.20	.33	524	616	149
7HP115	43596963	DUE NORTH	YES	-0.3	.49	2.6	.86	62	.79	98	.78	0.3	.21	0.2	.66	17.1	.37	22	.46	53	-1.6	.43	122	.55	1.5	.60	1.6	.62	77	.28	.032	.37	.60	.27	-.15	.30	360	422	98
7HP126	44140749	SLEEP ON	YES	9.1	.41	0	.49	64	.43	94	.44	0.6	.14	1	.40	20.5	.26	35	.26	68	.2	.25	94	.21	1.5	.39	1.5	.40	70	.21	.062	.26	.31	.21	.40	.23	418	522	130
7HH59	43481878	MASTERPIECE	YES	17.3	.40	-1.8	.73	58	.64	91	.66	0.5	.19	0.8	.52	16.2	.31	30	.36	59	15.7	.38	108	.38	1.2	.45	1.2	.46	79	.15	.052	.18	.60	.15	.13	.16	359	434	125
14HP1044	43793579	ECLIPSE	YES	15.4	.49	-0.4	.76	56	.65	89	.65	-0.4	.44	1.3	.52	19.1	.33	29	.29	57	10.5	.33	85	.39	1.4	.46	1.3	.47	57	.53	.032	.51	.39	.52	.28	.52	406	492	132
7HP122	43829334	HISTORIC	YES	7.4	.67	-0.2	.89	52	.81	80	.77	0.2	.21	1	.59	30.0	.43	35	.45	60	.3	.48	65	.01	1.4	.63	1.5	.65	72	.44	.062	.46	.90	.42	.19	.43	564	645	126
14HP1030	43231454	BUILT TUFF	YES	7.5	.69	0.3	.90	57	.84	77	.84	0.0	.18	1.6	.70	15.2	.56	20	.69	49	3.4	.64	49	.65	1.7	.80	1.8	.81	54	.33	-.008	.41	-.13	.34	.24	.34	315	398	106

7HP115 DUE NORTH

14HP1044 ECLIPSE

ALL CHAROLAIS SIRES AVAILABLE

CHAROLAIS - *Sorted by descending Yearling Weight EPD*

Code No.	Reg No.	Code Name	🍁	CE EPD	CE Acc	BW EPD	BW Acc	WW EPD	WW Acc	YW EPD	YW Acc	MILK EPD	MILK Acc	MCE EPD	MCE Acc	MTL EPD	MTL Acc	SC EPD	SC Acc	UDDER EPD	UDDER Acc	TEAT EPD	TEAT Acc	CW EPD	CW Acc	REA EPD	REA Acc	FAT EPD	FAT Acc	MARB EPD	MARB Acc	TSI EPD
9CH105	EM932228	SILVERSMITH	YES	7.5	.27	-0.2	.41	81	.30	132	.29	26	.19	9.1	.19	66	.23	2.1	.22	1.10	.23	1.06	.22	45	.16	1.11	.17	-.010	.15	.35	.13	275.84
9CH107	M920348	HONCHO	YES	10.8	.28	-3.7	.40	63	.30	120	.29	13	.15	4.6	.13	45	.20	1.1	.25	.91	.11	.82	.11	28	.17	.61	.17	.035	.16	.13	.13	263.95
9CH99	M917926	FREE RIDE	YES	9.5	.28	-3.2	.41	60	.32	116	.19	18	.20	0	.18	48	.24	1	.13	1.17	.10	1.20	.10	15	.12	.68	.12	.006	.09	.17	.08	264.06
9CH104	M924068	NEW MAN	YES	12.3	.29	-2.1	.40	69	.32	113	.33	25	.25	11.7	.22	60	-	1.5	.23	1.17	.27	1.08	.27	30	.21	.91	.21	.063	.19	.30	.20	255.55
9CH106	M920346	FOREMAN	YES	10.4	.28	-2.2	.40	59	.30	111	.30	22	.15	4.7	.13	51	.20	.9	.25	1.18	.11	1.16	.11	24	.18	.73	.18	.023	.16	.26	.14	258.59
9CH103	M910612	LEAD TIME	YES	12	.25	-4.9	.37	55	.29	108	.29	24	.14	4.9	.12	51	.19	1.9	.26	.98	.14	.95	.14	25	.17	.77	.18	.026	.16	.32	.14	262.30
7CH96	M880381	AFFINITY	YES	11.5	.88	-4.8	.94	50	.90	103	.87	26	.58	-1.6	.62	51	.69	.9	.79	1.38	.57	1.38	.56	11	.40	.55	.41	.027	.37	.27	.37	256.40

9CH107 HONCHO

7CH99 FREE RIDE

ASA EPDs as of 11/15/21
▨ = *top 35 percent of the breed*
RED TEXT = *semen available, but sire is not listed in directory*
🍁 = *Canadian availability*

Individual sire performance data is listed on pages 94-95.

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MAI ANIMAL HEALTH

9CH105 RENN SILVERSMITH 903G

AICA: EM932228 DOB: 02/22/19 TAT: 903G HOMO. POLLED

$20

SIRE: WCF MR SILVER GUN 467	IQCR SILVER GUN Y31P
	WCF MISS FASTTRACK 012
DAM: M6 MS NEW GERMAINE 351 P	M6 NEW STANDARD 842 P ET
	M6 COOL GERMAINE 1144 P ET

◊ SILVERSMITH is an elite carcass merit Charolais sire.
◊ He ranks near the top of the breed for WW, YW, Marbling, REA and Carcass Weight.
◊ SILVERSMITH ranks in the top 3 percent of the breed for Terminal Sire Index (TSI).
◊ He had individual ratios of 97 BW, 105 WW, 105 YW, 104 REA and 122 IMF.
◊ He recorded a 4.43 Average Daily Gain while on test.

From Rennert Ranch, NE

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EPDs as of 11/08/21

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	7.5	-0.2	81	132	26	9.1	66	2.1	1.10	1.06	45	1.11	-.010	.35	275.84
Acc	.27	.41	.30	.29	.19	.19	.23	.22	.23	.22	.16	.17	.15	.13	
% Rank	35	50	1	3	30	15	3	1	55	55	1	1	15	1	3

9CH104 RCR NEW MAN IN TOWN 8213

AICA: M924068 DOB: 09/05/18 TAT: 8213 HOMO. POLLED

$20

SIRE: LT LEDGER 0332	LT BLUEGRASS 4017
	LT BRENDA 6120
DAM: RCR WHATS FOR LUNCH 6145	VPI FREE LUNCH 708T
	RCR MISS ANNA LEE 7761

◊ NEW MAN IN TOWN is an elite growth sire backed by a proven and powerful pedigree.
◊ He ranks in the top 20 percent of the breed for nine different traits.
◊ NEW MAN IN TOWN is a carcass merit sire that excels for Marbling and REA.

From Ricketts Charolais Ranch, MO

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	12.3	-2.1	69	113	25	11.7	60	1.5	1.17	1.08	30	.91	.063	.30	255.55
Acc	.29	.40	.32	.33	.25	.22		.23	.27	.27	.21	.21	.19	.20	
% Rank	9	20	15	30	35	5	20	10	30	45	9	10	100	5	30

9CH106 B3R FOREMAN D008

AICA: M920346 DOB: 10/12/18 TAT: F003 HOMO. POLLED

$20

SIRE: WR FOREMAN D602	WR WRANGLER W601
	WR DUCHESS B612
DAM: B3R D008 CCR Z231 W010	M6 BLANCO STANDARD 231 ET
	B3R W010 COOLEY SMPLOT 8046S6

◊ FOREMAN is a balanced trait sire with excellent indications for carcass merit.
◊ He is a heavy muscled, deep-flanked sire with extra length of body.
◊ In addition to double digit Calving Ease, FOREMAN ranks near the top of the breed for Marbling.

From Bradley 3 Ranch Ltd., TX

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	10.4	-2.2	59	111	22	4.7	51	.9	1.18	1.16	24	.73	.023	.26	258.59
Acc	.28	.40	.30	.30	.15	.13	.20	.25	.11	.11	.18	.18	.16	.14	
% Rank	20	20	45	35	55	60	50	55	30	25	25	35	90	8	25

Individual sire performance data is listed on pages 94-95.

7CH96 LT *AFFINITY* 6221

HOMO. POLLED

$25

◊ AFFINITY is a stunning Rushmore son with incredible projections for BW and MARB.
◊ He continues to rank near the top of the breed for CE and BW with .90 Accuracy
◊ AFFINITY is backed by five generations of great-uddered, highly productive cows at Linskov-Thiel.
◊ He will add depth, width, flank and Scrotal Circumference with excellent pigment.
◊ One of the most popular Charolais sires in recent years.
◊ $35 A.I. signing fee

From J & J Trust and Lindskov-Thiel Charolais, SD and Seth Domek, MT

	LT RIO BRAVO 3181 P
SIRE:	**LT RUSHMORE 8060 PLD**
	LT BRENDA'S EASE 3055PLD
	WINN MANS LANZA 610S
DAM:	**LT ATHENA 1247**
	LT SILVER ATHENA 7123 P

AICA: M880381
DOB: 03/10/16
TAT: 6221

Open camera. Scan code. Click to learn more.

Son, Lindskov-Thiel Charolais, SD

Son, Lindskov-Thiel Charolais, SD

Dam of AFFINITY

EPDs as of 11/08/21

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	11.5	-4.8	50	103	26	-1.6	51	.9	1.38	1.38	11	.55	.027	.27	256.40
Acc	.88	.94	.90	.87	.58	.62	.69	.79	.57	.56	.40	.41	.37	.37	
% Rank	15	4	80	55	30	95	55	55	4	2	65	65	95	7	30

9CH103 JMAR *LEAD TIME* 1L16

HETERO. POLLED

$20

◊ LEAD TIME is moderately framed, bold-ribbed and deep-sided.
◊ His combination of CE with added phenotype have contributed to his rising popularity.
◊ LEAD TIME is a double-digit CE sire that ranks among the top of the breed for BW.
◊ Expect his progeny to boast an increase in Marbling and breeding sons to rank among the top of their contemporaries for Scrotal Circumference.

From J-Mar Genetics, VA

	FF ABOUT TIME Y07
SIRE:	**OW LEAD TIME 6294 PLD**
	OW MISS SANDCREEK 3031 PLD
	VPI FREE LUNCH 708T
DAM:	**VPI NANCY 311A**
	VPI NANCY 041X

AICA: M910612
DOB: 08/29/18
TAT: 1L16

Open camera. Scan code. Click to learn more.

EPDs as of 11/08/21

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	12	-4.9	55	108	24	4.9	51	1.9	.98	.95	25	.77	.026	.32	262.30
Acc	.25	.37	.29	.29	.14	.12	.19	.26	.14	.14	.17	.18	.16	.14	
% Rank	10	4	60	40	40	60	50	2	75	80	20	25	90	4	20

Fall 2021 Charolais Breed Average EPDs **Production:** CE: 5.7 BW: -0.3 WW: 57.5 YW: 103.4 MILK: 22.1 MCE: 5.4 MTL: 50.8 SC: 1.0 UDDER: 1.9 TEAT: 1.6
Carcass: CW: 15 FAT: .002 REA: .62 MARB: .09 TSI: 246.44

9BR532 MR. V8 347/8

ABBA: 988506   DOB: 01/28/18   TAT: 347/8   HORNED   GREY

$20

NEW

SIRE: **MR. V8 458/7**
- JDH MR ELMO MANSO
- MISS V8 100/7

DAM: **JDH CHARLEY'S JAZZ 946/1**
- GW PREMIUM BEEF 021TS
- MISS V8 402/5

◊ Generations of excellence have been bred into this sire. He combines multiple generations of genetics from both the V8 and J.D. Hudgins Brahman programs.
◊ 347/8 is a high performance growth sire with added carcass weight and REA.
◊ He ranks in the top 1 percent of the breed for Docility.

From Lee's Cattle Company, MS

EPDs as of 11/08/21

	CED	BW	WW	YW	MK	TM	CEM	SC	DOC	FS	TEND	YG	CW	REA	MB	FT	$B	$Q
EPD	.23	4.9	29	62	3	17	1.11	.00	10.15	.22	-.11	.03	44	.45	.01	-8.16	107.72	75.02
Acc	.27	.39	.35	.28	.12		.13	.09	.18	.14	.04	.08	.17	.15	.13	.12		
% Rank	>95	>95	20	10	90	40	50	35	1	20	>95	25	5	20	30	3	3	4

9BR533 MR SWITCH 04

ABBA: 1003248   DOB: 02/19/19   TAT: 04   HORNED   GREY

$20

NEW

SIRE: **MR. V8 85/7**
- JADL REY TE
- MISS V8 410/6

DAM: **JDH SIR STRATTON MANSO 823/4**
- GW PREMIUM BEEF 021TS
- GS MS MULHIM MANSO 314

◊ This sire has what it takes to provide performance, phenotype and Docility for your breeding program.
◊ A very complete set of data has him ranking in the top 15 percent of the breed for 12 different traits. SWITCH ranks near the top of the breed for WW, YW, SC, Docility and Marbling.
◊ He is wide-topped, square hipped with extra base width and has great feet and legs.
◊ Sired by Mr. V8 85/7 and his dam goes back to JDH Sir Stratton Manso 823/4

From Lee's Cattle Company, MS

EPDs as of 11/08/21

	CED	BW	WW	YW	MK	TM	CEM	SC	DOC	FS	TEND	YG	CW	REA	MB	FT	$B	$Q
EPD	3.92	4.6	37	63	6	24	2.29	.25	4.45	.21	-.08	-.01	35	.21	.02	.37	86.69	63.35
Acc	.13	.22	.17	.11	.06		.08	.06	.10	.05	.04	.07	.11	.10	.10	.09		
% Rank	95	>95	5	5	50	10	15	2	10	15	95	10	15	70	5	40	10	4

9BR531 KR MR FULLEN ALTUVE 502

ABBA: 962857   DOB: 05/28/17   TAT: 502   HORNED   GREY

$20

NEW

SIRE: **MR TC ROYAL AG**
- 5M MR. MAGNUM BRASS
- MISS SNS 296/6

DAM: **MR JR ISAAC LOTTO**
- GW PREMIUM BEEF 021TS
- ME MISS DIDOR LOTTO 403

◊ ALTUVE is a darker colored sire with extra base width and body mass.
◊ He excels for the traits of Scrotal Circumference, Docility and Tenderness.
◊ His darker hide color is a highly sought-after pigment in foreign markets.

From Lee's Cattle Company, MS

EPDs as of 11/08/21

	CED	BW	WW	YW	MK	TM	CEM	SC	DOC	FS	TEND	YG	CW	REA	MB	FT	$B	$Q
EPD	4.42	1.1	11	23	6	11	.14	-.02	.93	.23	.06	.06	10	.19	.00	2.35	34.08	19.04
Acc	.04	.29	.07	.02	.04		.04	.00	.02	.03	.01	.01	.02	.01	.01	.01		
% Rank	95	30	80	80	50	85	80	40	45	15	20	45	85	75	60	65	80	70

Individual sire performance data is listed on pages 94-95.

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ACROSS-BREED EPD COMPARISON

Breed	BW	WW	YW	Milk	MARB	REA	Fat	CW
Angus	0	0	0	0	0	0	0	0
Hereford	0.9	-16.6	-41.3	-11.1	-.35	.06	-.076	-69.7
Red Angus	2.3	-21.3	-28.9	1.6	-.11	.29	-.035	-7.2
Shorthorn	3.5	-23.1	-37.6	-4.9	-.15	.32	-.039	-3.0
South Devon	3.1	-30.9	-57.9	2.6	-.37	.39	-.042	2.2
Beefmaster	3.8	24.1	2.5	4.2	-	-	-	-
Brahman	9.4	55.8	19.9	13.6	-.69	.11	-.154	-33.9
Brangus	2.8	16.5	10.2	14.1	-	-	-	-
Santa Gertrudis	4.9	39.7	35.1	17.5	-.47	.21	-.074	-2.1
Braunvieh	2.1	-14.2	-40.6	-1.2	-.63	1.17	-.117	-39.9
Charolais	6.0	28.5	20.3	8.4	-.33	.80	-.198	6.6
Chiangus	2.4	-23.6	-42.9	4.3	-.40	.53	-.122	-26.1
Gelbvieh	3.2	-9.7	-17.2	7.1	-.56	.77	-.112	-12.3
Limousin	1.7	-10.9	-35.4	-4.8	-.39	.61	-.082	-4.5
Maine Anjou	1.8	-28.5	-57.9	-7.6	-.53	1.06	-.169	-26.5
Salers	2.1	-17.7	-31.5	8.3	-.78	.53	-.063	.5
Simmental	1.7	-16.2	-25.5	-2.8	-.19	.50	-.066	-4.5
Tarentaise	2.2	26.9	-8.1	11.1	-	-	-	-

EXPECTED PROGENY DIFFERENCES TERMINOLOGY

Expected Progeny Difference (EPD) - The expected difference in performance of a sire's progeny compared to the performance of another sire's progeny.

Accuracy (Acc.) - a measure of reliability of an EPD expressed between 0 and 1.0. Accuracies closer to 1.0 means the EPD is a more reliable estimate of a sire's true genetic value for the trait.

% Rank - Based on percentages, this indicates where a sire's EPD ranks him in the entire population of his respective breed.

Calving Ease Direct (CED) - is the difference in percentage of unassisted births when a sire is bred to first-calf heifers. A higher number is desirable.

Birth Weight (BW) - predicts the difference in average birth weight of a sire's calves compared to calves of another sire. Reported in pounds, a lower number is desirable.

Weaning Weight (WW) - predicts the difference in average 205-day weight of a sire's progeny compared to calves of another sire. Reported in pounds, a higher number is desirable.

Yearling Weight (YW) - predicts the difference in average 365-day weight of a sire's progeny compared to progeny of another sire. Reported in pounds, a higher number is generally desirable.

Yearling Height (YH) - The YH EPD predicts the difference in yearling hip height of a sire's progeny compared to progeny of another sire. Reported in inches, ideal values vary depending on production environment.

Residual Average Daily Gain (RADG) - expressed in pounds per day, is a predictor of a sire's genetic ability for postweaning gain in future progeny compared to that of other sires, given a constant amount of feed consumed.

Dry Matter Intake (DMI) - expressed in pounds per day, is a predictor of difference transmitting ability for feed intake during the postweaning phase, compared to that of other sires.

Scrotal Circumference (SC) - The SC EPD predicts the difference in yearling scrotal circumference of a sire's male progeny compared to progeny of another sire. Reported in centimeters, a larger number is desirable.

Docility (Doc) - is expressed as a difference in yearling cattle temperament, with a higher value indicating more favorable docility. It predicts the average difference of progeny from a sire in comparison with another sire's calves. In herds where temperament problems are not an issue, this expected difference would not be realized.

Calving Ease Maternal (CEM or MCE) - is expressed as a difference in percentage of unassisted births of a sire's daughters as first-calf heifers when compared to daughters of other sires. Reported as a percentage, a higher value is desirable.

Milk (MILK) - The Milk EPD predicts the difference in average 205-day weight of a sire's daughters' calves compared to the calves from daughters of another sire. Reported in pounds, ideal Milk values depend heavily upon the nutritional environment of the herd.

Maternal Weaning Weight (MWW -Simmental); Milk and Growth (M&G - Hereford); Total Maternal (TM - Red Angus) - The EPD predicts the Weaning Weight of a sire's daughters' progeny and reflects both the milking ability of a sire's daughters and the growth potential of their calves. Reported in pounds, higher numbers are generally desirable.

Stayability (STAY - Red Angus & Simmental) - The stayability EPD predicts the probability of a sire's daughters staying in production to at least six years of age compared to daughters of another sire. Reported as a percentage, a higher value is desirable.

Carcass Weight (CW) - The EPD predicts the difference in hot carcass weight of a sire's progeny compared to progeny of all other sires evaluated at a given endpoint. Reported in pounds, a higher number is generally desirable.

Marbling (MARB, IMF) - The EPD predicts the difference in average USDA Marbling score of a sire's progeny compared to progeny of another sire at a similar end point. Reported in degrees of a Marbling score, higher values are desirable.

Ribeye Area (REA) - The EPD predicts the difference in ribeye area of a sire's progeny compared to the progeny of another sire and is an indicator of total muscle in the carcass. Reported in square inches, larger numbers are generally desirable.

Fat (FAT) - The EPD predicts the difference in fat thickness of carcasses, measured between the twelfth and thirteenth ribs, of a sire's progeny compared to progeny of another sire. Reported in inches, lower values are desirable.

Yield Grade (YG - Simmental) – The EPD predicts differences in USDA Yield Grade of a sire's progeny compared to progeny of another sire. Reported in tenths of a USDA YG, lower numbers are desirable.

ANGUS:

Cow Energy Value ($EN) - expressed in dollars saved per cow per year, the EPD assesses differences in cow energy requirements for daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses). $EN savings differences account for lactation energy requirements and mature size of cows.

Maternal Weaned Calf Value ($M) - an index, expressed in dollars per head, predicts profitability differences from conception to weaning. The model assumes commercial producers will replace 25 percent of their breeding females in the first generation and 20 percent of their breeding females in each subsequent generation. Traits included are as follows: Calving Ease Direct, Calving Ease Maternal, Weaning Weight, Milk, Heifer Pregnancy, Docility, Mature Cow Weight, Claw Set and Foot Angle.

Weaned Calf Value ($W) - an index value expressed in dollars per head, is the expected average difference in future progeny performance for preweaning merit. $W includes both revenue and cost adjustments associated with differences in Birth Weight, Weaning Direct Growth, Maternal Milk and Mature Cow Size.

Feedlot Value ($F) - an index value expressed in dollars per head, is the expected average difference in future progeny performance for postweaning merit compared to progeny of other sires.

Grid Value ($G) - an index value expressed in dollars per head, is the expected average difference in future progeny performance for carcass grid merit compared to progeny of other sires.

Beef Value ($B) - an index value expressed in dollars per head, is the expected average difference in future progeny performance for postweaning and carcass value compared to progeny of other sires.

Combined Value ($C) - an index value expressed in dollars per head, that blends both maternal and terminal indexes using information and relationships from 14 different traits.

SIMMENTAL:

All-Purpose Index (API) - expressed in net dollars returned per cow exposed, evaluates Simmental sires being used on the entire cowherd (bred to both Angus first-calf heifers and mature cows) with a portion of the daughters retained for breeding and the steers and remaining heifers fed and sold on a carcass grade and yield basis. With the exception of shear force (tenderness), all EPDs are considered in this index.

Terminal Index (TI) - expressed in net dollars returned per cow exposed, evaluates the merit of sires when bred to mature Angus cows and all progeny are fed and sold on a carcass grade and yield basis. Consequently, maternal traits such as milk, stayability and MCE are not considered in this index.

SimAngus - SimAngus™ is a trademark of the American Simmental Association.

RED ANGUS:

HerdBuilder Index (HB) - As the name indicates, implementation of the HerdBuilder index will assist producers in building profitable herds. The HerdBuilder index is built using the following production scenario: Red Angus sires mated to cows and heifers (resulting progeny ¾ Red Angus, ¼ Simmental), replacement heifers retained from within the herd, and all remaining progeny sold on a quality based carcass grid.

GridMaster Index (GM) - While Red Angus has traditionally been known as a superior maternal breed, those who have retained ownership in Red Angus calves know of their potential to excel in the feedyard and ultimately hang a premium carcass. The GridMaster index is built using the following production scenario: Red Angus sires mated to cows (resulting progeny ¾ Red Angus, ¼ Simmental) and all progeny sold on a quality-based carcass grid.

HEREFORD:

Baldy Maternal Index (BMI$) - This is an index to maximize profit for commercial cow-calf producers who use Hereford sires in rotational crossbreeding programs on Angus-based cows. Retained ownership of calves through the feedlot phase of production is maintained and the cattle are to be marketed on a Certified Hereford Beef pricing grid.

Certified Hereford Beef Index (CHB$) - This is a terminal sire index, where Hereford sires are used on British-cross cows and all offspring are sold as fed cattle on a CHB pricing grid. There is no emphasis on milk or fertility since all cattle will be terminal. This index promotes growth and carcass.

2022 Beef Heifer A.I. Protocols

1-Shot PG

PG
Heat Detect & A.I.
0   5   12
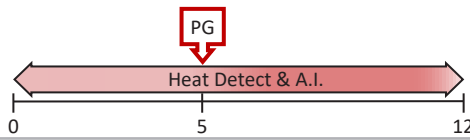
Heat Detection
Heat detect and A.I. based on AM-PM rule from day 0 to 12

7-Day
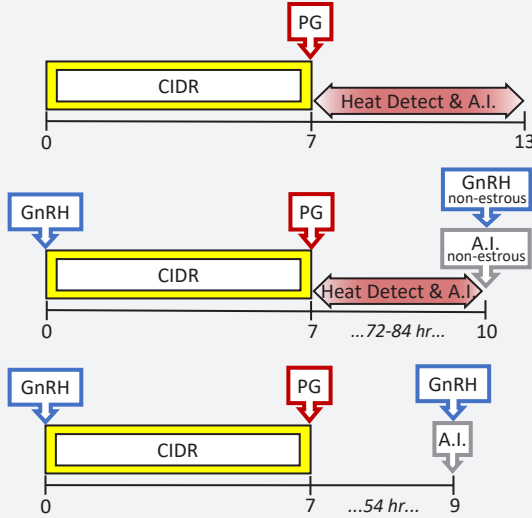
PG
CIDR
0   7   13

Heat Detect & A.I.

Heat Detection
Heat detect and A.I. based on AM-PM rule from day 7 to 13

GnRH
PG
GnRH non-estrous
CIDR
A.I. non-estrous
0   7   ...72-84 hr...   10

Heat Detect & A.I.

Heat Detection + Timed A.I.
Heat detect & A.I. based on AM-PM rule day 7 to 10; A.I. non-estrous heifers 72 - 84 hr after CIDR removal, with GnRH at A.I.

GnRH
PG
GnRH
CIDR
A.I.
0   7   ...54 hr...   9

Fixed-Time A.I.
A.I. all heifers at 54 ± 2 hr after CIDR removal, with GnRH at A.I.

5-Day

GnRH
PG   PG
...8 hr...
GnRH
CIDR
A.I.
0   5   ...60 hr...   7
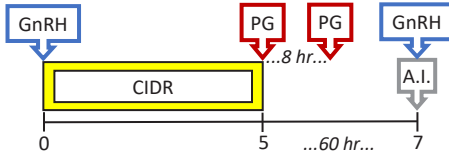
Fixed-Time A.I.
A.I. all heifers at 60 ± 4 hr after CIDR removal, with GnRH at A.I.

Legend

PG	estroPLAN, Estrumate, In-Synch, Lutalyse, Lutalyse *HighCon*, ProstaMate, SYNCHSURE
GnRH	Cystorelin, Factrel, Fertagyl, GONABreed, OvaCyst
CIDR	Intravaginal progesterone Controlled Internal Drug Release
MGA	Melengestrol acetate feed additive: MGA, HeifermaX

Pharmaceutical products used for estrus synchronization should be administered at the label dose. Consult product packaging. Label-approved applications vary from product to product, and pharmaceutical products for synchronization should be used in the context of an ongoing veterinarian-client-patient relationship.

14-Day CIDR-PG

CIDR
GnRH non-estrous
PG
A.I. non-estrous
0   14   ...16 days...   30   ...72-84 hr...   33
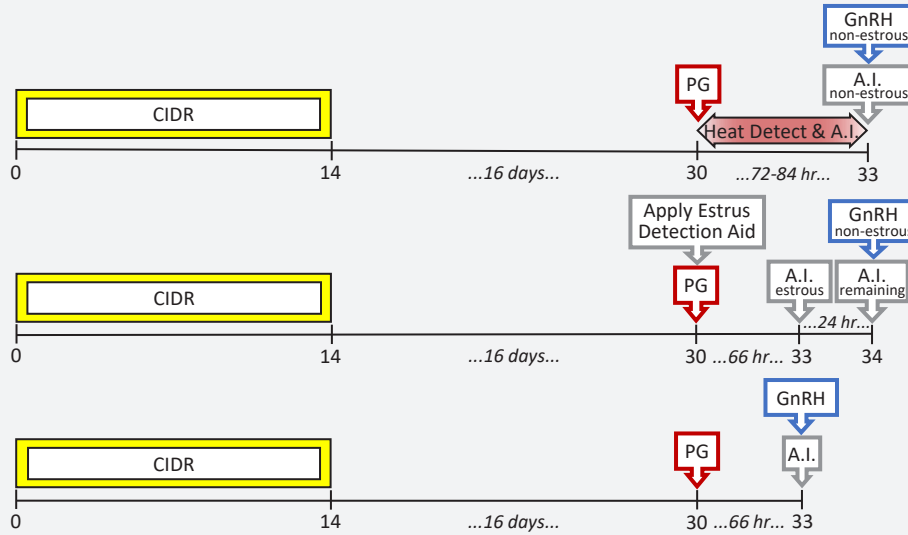
Heat Detect & A.I.

Heat Detection + Timed A.I.
Heat detect & A.I. based on AM-PM rule day 30 to 33; A.I. non-estrous heifers at 70 - 84 hr after PG, with GnRH at A.I.

CIDR
Apply Estrus Detection Aid
PG
GnRH non-estrous
A.I. estrous   A.I. remaining
...24 hr...
0   14   ...16 days...   30   ...66 hr...   33   34

Split-Time A.I.
A.I. estrous heifers at 66 ± 2 hr after PG; A.I. remaining heifers 24 hr later, with GnRH at A.I. for non-estrous heifers

CIDR
PG
GnRH
A.I.
0   14   ...16 days...   30   ...66 hr...   33

Fixed-Time A.I.
A.I. all heifers at 66 ± 2 hr after PG, with GnRH at A.I.

MGA-PG

MGA
PG
GnRH non-estrous
A.I. non-estrous
1   14   ...19 days...   33   ...72-84 hr...   36
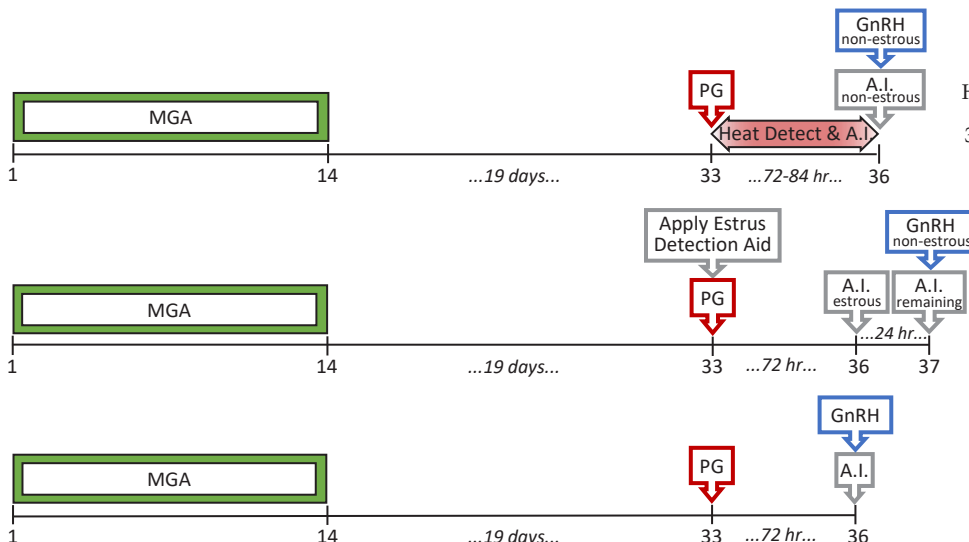
Heat Detect & A.I.

Heat Detection + Timed A.I.
Heat detect and A.I. based on AM-PM rule from day 33 to 36; A.I. non-estrous heifers at 72 - 84 hr after PG, with GnRH at A.I.

MGA
Apply Estrus Detection Aid
PG
GnRH non-estrous
A.I. estrous   A.I. remaining
...24 hr...
1   14   ...19 days...   33   ...72 hr...   36   37

Split-Time A.I.
A.I. estrous heifers at 72 ± 2 hr after PG; A.I. remaining heifers 24 hr later, with GnRH at A.I. for non-estrous heifers

MGA
PG
GnRH
A.I.
1   14   ...19 days...   33   ...72 hr...   36

Fixed-Time A.I.
A.I. all heifers at 72 ± 2 hr after PG, with GnRH at A.I.

2022
Beef Cow
A.I. Protocols

PG — estroPLAN, Estrumate, In-Synch, Lutalyse, Lutalyse *HighCon*, ProstaMate, SYNCHSURE

GnRH — Cystorelin, Factrel, Fertagyl, GONABreed, OvaCyst

CIDR — Intravaginal progesterone Controlled Internal Drug Release

Pharmaceutical products used for estrus synchronization should be administered at the label dose. Consult product packaging. Label-approved applications vary from product to product, and pharmaceutical products for synchronization should be used in the context of an ongoing veterinarian-client-patient relationship.

For more information on proper handling and administration of synchronization products, see University of Missouri Extension publication G2022, *Guide to Estrus Synchronization Products.*

Protocol recommendations are based on peer-reviewed research in the field of hormonal control of the bovine estrous cycle. This is not an exhaustive list of all possible protocols but provides commonly-used and effective options.

Select Synch
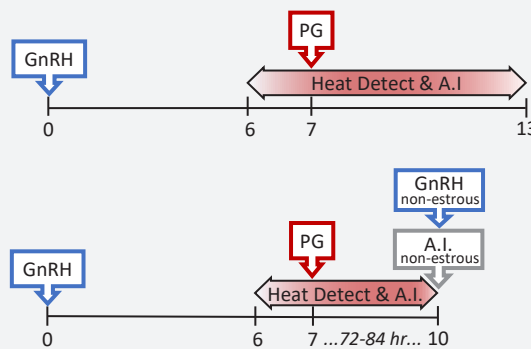
Heat Detection
Heat detect and A.I. based on AM-PM rule from day 6 to 13

Heat Detection + Timed A.I.
Heat detect and A.I. based on AM-PM rule from day 6 to 10; A.I. non-estrous cows at 72 - 84 hr after PG, with GnRH at A.I.

7-Day
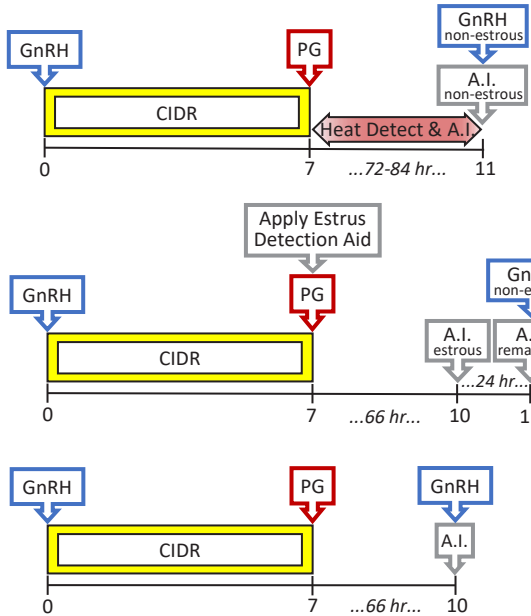
Heat Detection + Timed A.I.
Heat detect and A.I. based on AM-PM rule from day 7 to 10; A.I. non-estrous cows at 72 - 84 hr after CIDR removal, with GnRH at A.I.

Split-Time A.I.
A.I. estrous cows at 66 ± 2 hr after CIDR removal; A.I. remaining cows 24 hr later, with GnRH at A.I. for non-estrous cows

Fixed-Time A.I.
A.I. all cows at 66 ± 2 hr after CIDR removal, with GnRH at A.I.

7 & 7 Synch
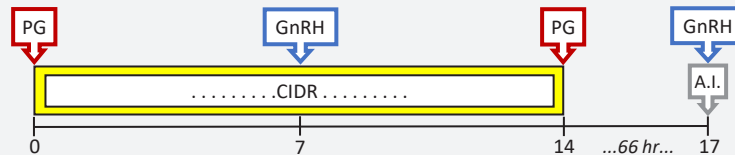
Fixed-Time A.I.
A.I. all cows at 66 ± 2 hr after CIDR removal, with GnRH at A.I.

5-Day
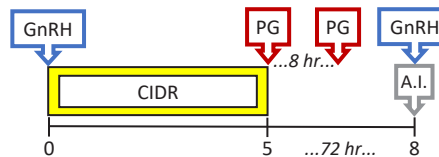
Fixed-Time A.I.
A.I. all cows at 72 ± 2 hr after CIDR removal, with GnRH at A.I.

PG 6-Day CIDR
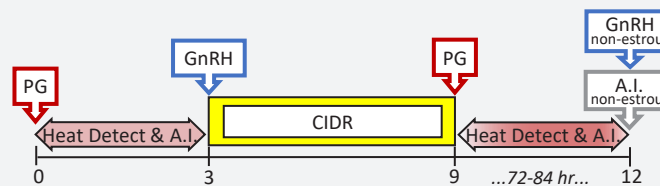
Heat Detection + Timed A.I.
Heat detect and A.I. based on AM-PM rule from day 0 to 3 and day 9 to 12; A.I. non-estrous cows at 72 - 84 hr after CIDR removal, with GnRH at A.I.

Bos indicus PG 5-Day CIDR

Fixed-Time A.I.
A.I. all cows at 66 ± 2 hr after CIDR removal, with GnRH at A.I.

Adapted from University of Missouri Extension manual CB28, *Whole System Management of Beef Cattle Reproduction*, available for download or in print at https://umurl.us/beef_cb28 or by scanning this QR code:
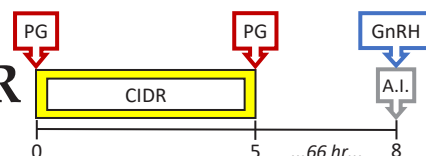
A.I. Technique in Cattle

Mel DeJarnette, Vice President Semen Processing and Research and
*Dr. Ray Nebel, Vice President of Technical Service Programs, Select Sires Inc.*

Because the rumen displaces the reproductive tract to the right, it is much easier to locate and manipulate the tract with your left hand.


The cervix is located on the floor of the pelvic cavity near the anterior end of the pelvic bone.
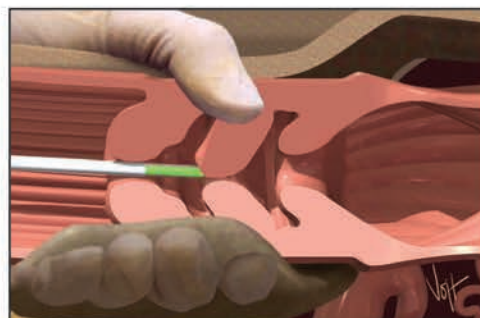

As you insert the breeding gun into the vagina, keep your gloved hand even with the gun tip.
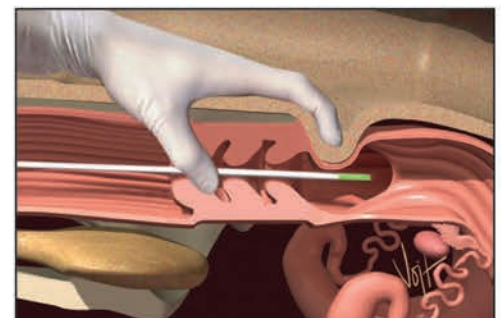

Keep your open hand flat against the floor of the rectum, allowing manure to pass over the top of your hand and arm.

The recto-vaginal technique is the most commonly used method to artificially inseminate cattle. The basic skills required to perform this technique can be obtained with about three days practice under professional instruction and supervision. Additional proficiency and confidence will be achieved with further work on your own.

Regardless of whether you are left or right handed, it is recommended that you use your left hand in the rectum to manipulate the reproductive tract and the right hand to manipulate the insemination gun. This is because the rumen or stomach of the cow lies on the left side of the abdominal cavity, displacing the reproductive tract slightly to the right. Thus, you will find it much easier to locate and manipulate the tract with your left as opposed to right hand.

Raise the tail with your right hand and gently massage the rectum with the lubricated glove on your left hand. Place the tail on the left side of your left forearm so it will not interfere with the insemination process. With your fingers together in a pointed fashion, insert your hand in the rectum, up to your wrist.

Gently wipe the vulva with a paper towel to remove excess manure and debris. Be careful not to apply excessive pressure, which may smear or push manure into the vulva and vagina. With your left hand make a fist and press down directly on top of the vulva. This will spread the vulva lips allowing clear access to insert the gun tip several inches into the vagina before contacting the vaginal walls. Insert the gun at a 30° upward angle to avoid entering the urethral opening and bladder located on the floor of the vagina. With the gun about six to eight inches inside the vagina, raise the rear of the gun to a somewhat level position and slide it forward until it contacts the external portion of the cervix. You will note a distinct gristly sensation on the gun when it contacts the end of the cervix.

The cervix, consists of dense connective tissue and muscle and is your primary landmark for inseminating cattle. It has often been described as having the size and consistency of a turkey neck. The size will vary, with post partum interval and age of the animal. The cervix usually has three or four annular rings or folds. The opening into the cervix protrudes back into the vagina. This forms a 360° blind-ended pocket completely around the cervical opening. This pocket is referred to as the fornix. In most cows, the cervix will be located on the floor of the pelvic cavity near the anterior end of the pelvic bone. In older cows with large reproductive tracts, the cervix may rest slightly over the pelvic bone and down into the abdominal cavity.

To become a successful inseminator it is very important that you always know where the tip of the insemination gun is located. The walls of the vagina consist of thin-layered muscle and loose connective tissue. The insemination gun can be easily felt with your palpating hand. As you insert the breeding gun into the vagina, keep your gloved hand even with the gun tip.

Manure in the rectum can often interfere with your ability to palpate the cervix and gun tip. However, it is seldom necessary to remove all the manure from the bowel. Instead, keep your open hand flat against the floor of the rectum, allowing the manure to pass over the top of your hand and arm.

While handling the cervix you may notice rectal constriction rings attempting to force your arm from the cow. To relax these rings, place two fingers through the center of a ring and massage back and forth. The constriction ring will eventually relax, pass over your hand and arm, and you can continue the palpation process.

Because the reproductive tract is freely movable, cows that have strong rectal and abdominal contractions in response to being palpated may actually push their reproductive tract back into the pelvic cavity. This will cause many folds to form in the vagina. In such cases, the insemination gun will often get caught in these folds and little or no progress will be made until they are removed. If you can locate the cervix, grasp it and push it forward. This will straighten the vagina and the gun should pass freely up to the cervix. If you cannot locate the cervix, encircle the gun tip with your thumb and forefingers. With a straightening motion of your wrist, gently "milk" the folds out of the vagina a little at a time. Slide the gun forward and repeat the process until the cervix is reached.
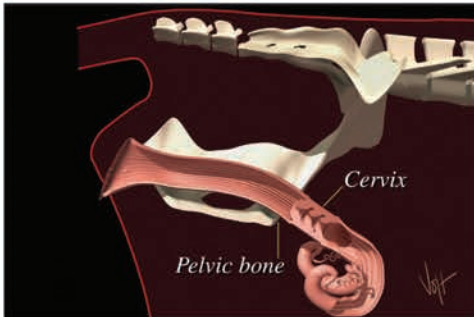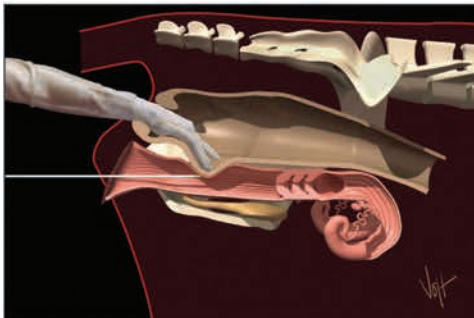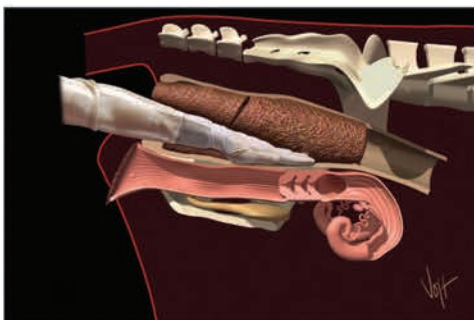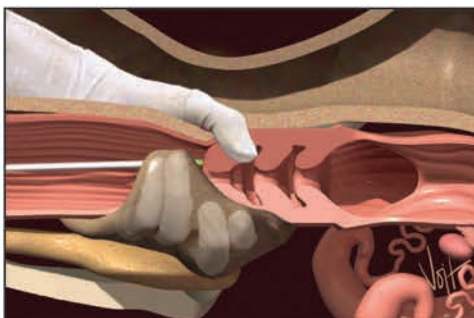
Grasp the external opening to the cervix with the thumb on top and the forefingers underneath to close the fornix and guide the gun tip into the cervix.

Using the flexibility of your wrist, twist and bend the cervix until you feel the second ring slide over the gun tip.

Use your index finger to check gun placement (1/4 inch past the end of the cervix) before depositing semen.

At this point it is important for you to understand that inseminating a cow is a two-step process. The first step is to get the gun tip to the cervix. To accomplish this you must work the vagina and cervix forward, away from you to straighten the vaginal folds. If you do not feel the gristly sensation of the cervix on the gun, you are still in step one of the process.

Once the gun is in contact with the external surface of the cervix you are ready to begin step 2. In step 2, you place the cervix on or over the insemination gun. That's right, the cervix is placed on the gun, the gun is not passed through the cervix. Excessive movement or probing with the insemination gun during the second step is very often counterproductive. Ground gained is often lost and we find ourselves back in a vaginal fold. The key to mastering step 2 of the insemination process is to know how to hold and manipulate the cervix and concentrating on doing the work with the hand inside the cow, not the one holding the gun.

When the gun first contacts the cervix, you will usually find that the tip is in the fornix directly over top of the opening. Grasp the external opening to the cervix with the thumb on top and forefingers underneath. This closes the fornix at top and bottom. As in step 1 we must still know the location of the gun tip. This is accomplished with the palm and third and fourth fingers of your palpating hand. Use your palm and these two fingers to guide the gun tip to the cervical opening located between your thumb and forefingers.

With gentle probing the opening should be located. You will feel the gun slide forward until it contacts the second cervical ring. Maintain gentle but steady forward pressure on the gun and slide your thumb and forefingers just in front of the gun tip and re-grasp the cervix. Because the cervix is composed of dense connective tissue and muscle, it is difficult to clearly distinguish the gun tip when it is located within this structure. However, you can determine the approximate location by bending the cervix. Using the flexibility of your wrist, twist and bend the cervix until you feel the second ring slide over the gun tip. Repeat the process until all the rings have been passed over the gun tip. In some cases, it may be necessary to bend the cervix at a 90° angle to clear the cervical folds. Remember, you are placing the cervix over the gun, not the gun through the cervix.

A slight jiggle or "give-and-go" of the gun may sometimes be necessary to help pass by a fold, but for the most part gentle forward pressure is all that is necessary and gun movement should be minimal.

When all rings of the cervix have been cleared, the gun should slide forward freely with little resistance. Since the uterine wall is very thin, you will once again be able to clearly feel the insemination gun. You are now ready to check your placement and deposit the semen. Rotate your gloved hand until it lies on top of the cervix. With your index finger, locate the far end of the cervix. Pull back on the gun until you feel the tip directly underneath your finger near the internal opening of the cervix. Raise your finger and slowly deposit the semen. Push the plunger slowly so that drops of semen fall directly into the uterine body.

With proper A.I. technique and gun placement, semen will be deposited in the uterine body. Uterine contractions will then transport spermatozoa forward to the horns and oviducts with a good distribution of both sides. When the insemination gun is more than 1 inch through the cervix, all the semen will be deposited in only one horn. This creates a situation of uneven semen distribution. Should the animal ovulate from the opposite horn, conception rates may be compromised.

Be sure to raise your finger after checking gun placement. Not doing so may obstruct one horn, again creating a situation of uneven semen distribution. When checking gun tip placement, be careful not to apply excessive pressure. The delicate uterine lining is easily damaged, predisposing the cow to uterine infections and reduced fertility.

Make sure you push in with the plunger and do not pull back on the gun. Pulling back may result in much of the semen dose being deposited in the cervix and vagina instead of the uterine body.

Although the recommended site of semen deposition is in the uterine body, research suggests that when exact gun tip placement is in doubt, depositing semen slightly into one uterine horn is less likely to compromise fertility than cervical deposition.

After properly depositing semen, slowly pull the gun from the reproductive tract. Remove the gloved hand from the rectum and shake off the excess manure. Check the gun tip for signs of blood, infection or semen leakage inside the sheath. Make notes for your veterinarian or future reference where appropriate. Remove the sheath from the gun and hold it in the gloved hand. For the final time, check to confirm which bull you have used. Remove the glove starting at the top of your arm by turning it inside out as you remove it. Wipe the gun clean and dry and return it to the proper storage location.

Some of the most important aspects to remember when inseminating a cow to attain maximum breeding efficiency are:
- Be gentle. Don't use too much force.
- Insemination is a two-step process. Get the gun to the cervix, and then place the cervix over the gun.
- Deposit the semen just through the cervix into the uterine body.

Correct insemination procedures will result in better breeding efficiencies. More selection pressure can then be placed on economic traits enabling you and your family to realize a higher return on your semen investment dollars. For more information about A.I. training classes, contact your Select Sires representative.

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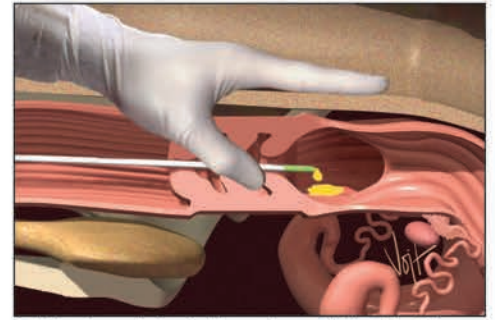
Push the plunger slowly so that drops of semen fall directly into the uterine body.
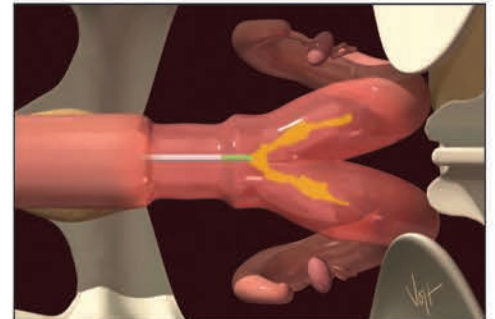
With proper A.I. technique and gun placement, semen will be deposited in the uterine body and contractions will transport spermatozoa forward to the horns and oviducts.
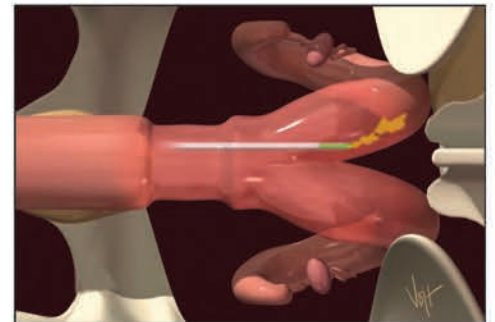
If the gun is more than 1 inch through the cervix, all the semen will be deposited into only one horn.
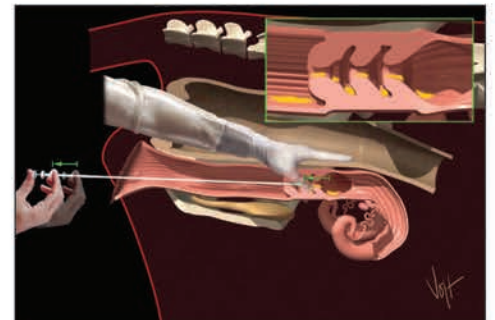
Make sure you push in with the plunger and do not pull back on the gun. Pulling back may result in much of the semen dose being deposited in the cervix and vagina.

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
7AN591	ABUNDANCE	36	18	40	SS	76	ET	-	-	-	-	-	-
14AN461	ACCLAIM	42	22	40	AG	76	98	852	114	1577	117	-	40 cm
7AN432	BANKROLL	43	25	40	SS	72	96	717	103	1435	111	-	-
7AN521	BLUEPRINT	39	25	40	SS	83	100	684	102	1327	106	5.7	38 cm
7AN538	BRAGGING RIGHTS	20	20	40	SS	77	99	701	113	1173	109	5.2	36 cm
14AN590	BRIGADE	38	25	40	AG	69	ET	848	ET	1213	ET	-	37 cm
7AN542	COMBUSTION	36	25	40	SS	82	ET	747	ET	1297	ET	6.9	38 cm
7AN525	COMPOUND	25	20	40	SS	56	75	784	112	1200	109	-	36 cm
7AN368	COMRADE	30	20	40	SS	74	102	816	111	1419	113	-	35 cm
7AN697	COUNTY ROAD*+	24	22	40	SS	63	88	657	103	1129	99	5.1	37 cm
14AN553	COWBOY LOGIC	26	20	40	AG	75	90	781	101	1647	104	-	41 cm
7AN624	DUAL THREAT	32	25	40	SS	60	ET	625	ET	1145	ET	6.1	36 cm
7AN617	ENDEAVOR	30	20	40	SS	62	81	698	102	1175	101	-	-
7AN531	ENTICE	41	25	40	SS	77	97	886	116	1544	114	-	-
7AN610	FINAL DECISION	37	30	40	SS	80	ET	735	ET	1210	ET	5.5	36 cm
9AN628	FULL CIRCLE*	37	25	40	-	64	92	746	99	1157	96	5.3	37 cm
7AN528	GROWTH FUND	7	40	40	SS	70	100	946	126	1360	116	-	-
7AN623	GUARANTEE	16	30	40	SS	81	90	736	105	1402	115	6.5	38 cm
7AN580	HOME TOWN	9	30	40	SS	72	92	698	102	1269	104	6.1	37 cm
7AN700	HOMETOWN HERO*+	8	30	40	SS	88	ET	906	ET	-	-	-	-
7AN698	IRON HORSE*+	12	35	40	SS	78	ET	-	-	-	-	-	-
7AN688	JUSTICE*	22	22	40	SS	81	109	668	116	1340	123	-	41 cm
7AN550	KNOW HOW	40	25	40	SS	80	98	823	108	1354	102	5.6	41 cm
7AN473	LEGENDARY	26	22	40	SS	83	101	848	109	1406	109	-	38 cm
7AN544	MAIN STREET	20	20	40	SS	70	103	602	93	1196	98	4.9	35 cm
7AN618	MARVEL	15	40	40	SS	-	-	-	-	-	-	-	-
7AN595	MOVIN ON	23	25	40	SS	80	ET	662	ET	1251	ET	5.8	38 cm
7AN695	NETWORK*+	18	30	40	SS	76	105	667	109	1121	105	5.1	36 cm
14AN497	NEW ADDITION	31	20	40	AG	64	92	684	102	1217	99	5.2	36 cm
7AN388	NIAGARA	40	25	40	SS	74	101	690	108	1408	114	6	36 cm
7AN669	NORTH STAR*	43	18	40	SS	74	86	691	100	-	-	-	-
7AN644	OPTIMUM	6	30	40	SS	74	101	990	117	1291	106	-	37 cm
14AN686	PATENT*	42	20	40	AG	63	80	553	101	1137	110	-	38 cm
7AN510	PEYTON	18	25	40	SS	78	121	832	121	1445	124	6.1	37 cm
7AN463	PLAYBOOK	10	30	40	SS	75	101	840	121	1456	118	-	42 cm
7AN560	QUANTUM	34	25	40	SS	74	ET	654	ET	1187	ET	6.3	36 cm
7AN466	RAINFALL	14	30	40	SS	79	98	963	105	1550	106	-	40 cm
7AN594	REGIMENT	17	30	40	SS	70	ET	784	ET	-	-	-	-
7AN683	SAFE & SOUND	22	25	40	SS	68	88	813	103	1192	100	-	37 cm
7AN589	SILVERADO	28	25	40	SS	77	102	830	101	1348	100	-	-
7AN511	SPUR	43	18	40	SS	72	98	811	115	1315	111	-	-
7AN607	STAGECOACH	29	25	40	SS	72	99	786	122	1394	115	-	38 cm
7AN389	SURE FIRE	35	25	40	SS	84	ET	716	ET	1210	ET	6.6	40 cm
14AN502	TAHOE	11	25	40	AG	88	104	720	111	1334	109	5.8	40 cm
7AN579	TEAMWORK	19	25	40	SS	70	92	743	118	1287	111	5.1	33 cm
7AN604	TOP CUT	24	30	40	SS	68	88	649	105	1062	104	4.8	38 cm
7AN523	TRAILBLAZER	27	25	40	SS	67	89	589	100	1402	113	-	-
7AN629	TRANSCENDENT	33	30	40	SS	76	ET	554	ET	1250	ET	6	34 cm
7AN464	UNIQUE	29	22	40	SS	64	ET	748	ET	1158	ET	-	37 cm
7AN642	VERACIOUS	33	30	40	SS	62	90	840	114	1278	107	5.3	37 cm
14AN545	WALL STREET	13	35	40	AG	75	ET	905	ET	1243	ET	-	-
14AN548	WEST POINT	37	25	40	AG	63	ET	604	ET	1030	ET	5.5	35 cm
7AN600	WOLVERINE	31	20	40	SS	81	100	760	115	1246	111	-	-
7AN518	XCEPTIONAL	36	20	40	SS	71	ET	621	ET	995	ET	5.7	38 cm

*New for 2022 | + Available Spring 2022 | PAP and Angus genomic scores are available at www.selectsiresbeef.com under the resources tab.

SIMMENTAL

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
7SM93	BIG TIMBER	58	20	-	SS	88	101	740	103	1257	103		37 cm
7SM104	BROAD RANGE	54	25	-	SS	67	113	840	117	1215	113	6	37 cm
7SM121	COPPERHEAD	61	30	-	SS	89	102	791	102	1282	104	5.8	41 cm
7SM96	DIVIDEND	62	25	-	SS	80	107	734	107	1342	104	5.5	35 cm
7SM124	ENHANCEMENT*	58	25	-	SS	73	87	597	97	1274	106	5.4	35 cm
7SM128	FLAT IRON*+	56	30	-	SS	-	-	778	ET	1363	ET	-	-
14SM3101	FULLY LOADED	57	30	-	AG	72	-	-	-	-	-	-	37 cm
7SM113	HIGHLIFE	55	30	-	SS	87	92	729	108	1321	110	6	40 cm
7SM97	IMPERIAL	61	25	-	SS	85	ET	590	ET	1175	ET	5.5	-
7SM91	MAIN EVENT	56	25	-	SS	82	ET	806	ET	1301	ET	-	-
7SM125	MAJOR IMPACT*	54	25	-	SS	-	93	700	103	1286	100	5.1	-
714SM114	PREDICTABLE	62	20	-	-	70	ET	754	ET	1254	ET	6.5	40 cm
7SM116	PROGRESSIVE	59	30	-	SS	56	ET	679	ET	1171	ET	-	39 cm
7SM115	PROMOTER	57	25	-	SS	81	ET	877	ET	-	-	6	-
7SM112	REST EASY	60	25	-	SS	71	83	729	99	1296	99	-	34 cm
7SM122	STANDOUT	59	30	-	SS	94	ET	684	ET	1275	ET	6	-
7SM65	UNO MAS	60	25	-	SS	70	ET	934	ET	-	-	-	-
7SM80	WIDE RANGE	62	25	-	SS	80	ET	823	ET	1366	ET	5.7	40 cm

RED ANGUS

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
7AR88	BLAZIN STEEL	68	20	-	SS	62	-	612	-	1098	-	-	-
7AR94	BLUE CHIP	69	25	-	SS	77	86	607	103	1110	103	-	-
7AR73	CINCH	70	25	-	SS	76	93	769	116	1418	117	6.1	40 cm
7AR98	END ZONE*+	69	25	-	SS	-	-	-	-	-	-	-	-
7AR85	EXCELLENCE	68	20	-	SS	68	85	776	113	1339	117	-	-
7AR87	FRANCHISE	66	30	-	SS	72	-	760	-	1234	-	-	-
7AR89	GRINDSTONE	71	30	-	SS	76	100	655	115	1341	115	-	-
14AR2091	NIGHT FOCUS	72	18	-	AG	78	94	696	103	1114	101	-	-
14AR2075	REBEL	73	20	-	AG	78	86	631	108	1178	111	-	-
14AR2073	SPARTACUS	70	20	-	AG	80	92	613	100	1273	109	-	-
7AR86	STOCKMARKET	67	30	-	SS	72	85	640	108	1203	111	-	-
14AR2093	SUPREMACY	73	20	-	AG	72	83	579	93	1156	105	6.1	38 cm
14AR2094	TOPGUN	72	20	-	AG	70	-	607	-	1161	-	-	-

HEREFORD

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
14HP1030	BUILT TUFF	80	20	40	AG	71	86	704.61	99	1066	91	-	40 cm
7HP120	CUDA	77	25	40	SS	84	94	758.62	119	1384	118	-	37 cm
7HP116	EXCEDE	78	20	40	SS	73	ET	666.6	ET	-	ET	-	-
7HP125	GOLD RUSH	76	25	50	SS	-	-	736.35	-	-	-	-	-
7HP122	HISTORIC	79	25	60	SS	78	-	773.95	-	1219	-	-	36 cm
7HH59	MASTERPIECE	80	18	-	SS	75	87	765.7	114	1268	110	-	36 cm
7HP124	POWER SURGE	79	25	40	SS	78	107	762.07	112	1318	114	-	38 cm
7HP126	SLEEP ON	76	25	-	SS	73	92	742.07	109	1231	102	-	37 cm
14HP1037	SMALL TOWN KID	78	20	40	AG	80	ET	797.17	ET	1277	ET	-	40 cm
14HP1043	TORQUE	80	20	40	AG	83	97	746.92	117	1277	107	-	40 cm

CHAROLAIS

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
7CH96	AFFINITY	85	25	35	SS	88	99	816	101	1310	108	-	41 cm
9CH106	FOREMAN	84	20	-	-	81	98	566	97	1110	103	4.2	39 cm
9CH103	LEAD TIME	85	20	-	-	75	91	725	102	1226	108	3.5	43 cm
9CH104	NEW MAN	84	20	-	-	67	104	817	118	1165	112	6.4	
9CH105	SILVERSMITH	84	20	-	-	98	97	735	105	1175	105	6.3	36 cm

BRAHMAN

Code No.	Code Name	Page	Price	A.I. Cert	Brand	BW lbs.	BW Ratio	WW lbs.	WW Ratio	YW lbs.	YW Ratio	Frame	SC
9BR532	347/8*	86	20	-	-	90	88	601	101	958	101	-	-
9BR531	ALTUVE*	86	20	-	-	69	103	-	-	-	-	-	-
9BR533	SWITCH*	86	20	-	-	89	ET	593	ET	-	-	-	-

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