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•Your Success Our Passion. is a registered trademark of Select Sires Inc.

At Select Sires we have had a long-term commitment to providing industry leading *CONCEPTION* rates on sires that offer *CALVING EASE* and *CARCASS* while keeping your *COW* herd in mind. However, we are most proud of our unmatched *CUSTOMER SERVICE!* We have a team of extremely talented experts across the country who work hard every day to make you, our farmer-owners, more profitable using time tested strategies and innovative technologies.

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 farmerowners, seedstock partners, employees, and supply chain team members. We've found 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.

While a large portion of our country has been affected by mother nature in some way or another, we are all confident better days are to come. Worldwide demand for U.S. beef continues to grow, especially for high quality beef. Now is the time to invest in our nation's cow herd and continue to move the industry forward to feed the world.

From the entire team at Select Sires, THANK YOU! Thank you for trusting in our team to deliver the evergrowing needs of your herd. We value every customer and relationship!

Gratefully, The Select Sires Beef Team

MEET THE BEEF



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4 OF THE TOP 10 Red Angus Sires FOR REGISTRATIONS IN 2022



#27AR86 BIEBER CL STOCKMARKET E119







#6 14AR2073 BIEBER **SPARTACUS** A193



#914AR2085 BIEBER CL ATOMIC C218

4 OF THE TOP 5 *Angus Sires* For registrations in 2022



#/ 7AN580 GAR HOME TOWN



#27AN528 DEER VALLEY GROWTH FUND



7AN466 SAV RAINFALL 6846



#5 14AN502 TEHAMA TAHOE B767

SELECT SIRES DESIGNATIONS

Throughout this 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.

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.

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.

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.

PAP

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

gender SELECTED

This icon identifies sires with sex-sorted female semen available. All *gender* SELECTED semen is processed using Ultraplus technology.

gender SELECTED⁴M

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 Ultraplus technology.

gender SELECTED

This icon identifies sires with sex-sorted male semen available. All *gender* SELECTED semen is processed using Ultraplus technology.

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.

[™]Showcase, *gender* SELECTED, *gender* SELECTED 4M and Proof Positive are trademarks of Select Sires Inc., Ultraplus is a trademark of STGen LLC. and ®Certified Angus Beef and CAB are registered trademarks of Certified Angus Beef LLC.

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.

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

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.

CARCASS

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

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

Limitations and Conditions of Sale: gender SELECTED semen shall be used only for the single insemination of one female bovine during natural ovulation with the intent to produce a single offspring unless specifically approved on an individual customer basis by Sexing Technologies in writing. As a condition of purchasing gender SELECTED semen, the purchaser agrees that gender SELECTED semen will not be reverse sorted or re-sorted unless specifically permitted, in advance, on a case-bycase basis by Select Sires in writing. Select Sires intends to monitor the use of the gender SELECTED semen and vigorously enforce these restrictions on use. Please see http://www.selectsires.com/designations/genderselected.html for additional details.

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 Direct7AN525COMPOUND7AN718NORTHBOUND7AN701DIFFERENCE7AN617ENDEAVOR7AN683SAFE & SOUND14AN686PATENT7AN669NORTH STAR14AN534RUSSELL14AN553COWBOY LOGIC7AN749FIREPROOFBreed Average	EPD 18 17 16 16 16 15 15 15 15 15 15 6	Birth Weight7AN525COMPOUND7AN718NORTHBOUND14AN534RUSSELL7AN684GUARD RAIL7AN600WOLVERINE7AN617ENDEAVOR7AN617ENDEAVOR7AN633SAFE & SOUND7AN758APEX14AN686PATENTBreed Average	EPD -3.0 -2.8 -2.5 -2.4 -2.3 -2.2 -2.1 -1.8 -1.7 -1.6 1.2	Weaning Weight7AN699YELLOWSTONE7AN579TEAMWORK7AN510PEYTON7AN738RIVAL7AN607STAGECOACH7AN528GROWTH FUND7AN594REGIMENT7AN695NETWORK7AN625COUNTY LINE7AN737STATESMANBreed Average	EPD 103 98 95 94 93 91 90 90 89 89 89 59	Yearling Weight 7AN699 YELLOWSTONE 7AN579 TEAMWORK 7AN594 REGIMENT 7AN528 GROWTH FUND 7AN510 PEYTON 7AN737 STATESMAN 7AN695 NETWORK 7AN738 RIVAL 7AN625 COUNTY LINE 7AN723 GOOD NEWS Breed Average	EPD 186 172 170 169 168 168 167 163 158 157 105
Docility7AN758APEX14AN497NEW ADDITION7AN544MAIN STREET7AN736BRUNSWICK7AN531ENTICE7AN697COUNTY ROAD2AN604TOP CUT7AN623GUARANTEE7AN701DIFFERENCE14AN534RUSSELLBreed Average	EPD 37 36 33 32 31 31 29 29 29 29 28 17	Claw 7AN753 GRAND CANYON 7AN688 JUSTICE 7AN735 GIBSON 7AN466 RAINFALL 7AN550 KNOW HOW 7AN531 ENTICE 7AN600 WOLVERINE 7AN718 NORTHBOUND 7AN738 RIVAL 7AN757 SALUDA Breed Average	EPD .23 .24 .24 .34 .34 .36 .37 .37 .37 .37 .37 .50	Angle7AN669NORTH STAR7AN691STEP UP7AN550KNOW HOW7AN688JUSTICE7AN737STATESMAN7AN757SALUDA7AN698IRON HORSE7AN735GIBSON7AN699YELLOWSTONE7AN723GOOD NEWSBreed Average	EPD .25 .26 .29 .34 .34 .36 .35 .35 .35 .35 .35 .35 .49	Heifer Pregnancy7AN684GUARD RAIL14AN686PATENT7AN743CRAFTSMAN7AN757SALUDA2AN604TOP CUT14AN497NEW ADDITION7AN737STATESMAN7AN701DIFFERENCE7AN723GOOD NEWS14AN534RUSSELLBreed Average	EPD 20.6 19.5 19.4 19.2 18.1 17.4 17.0 16.5 16.5 16.4 11.4
Calving Ease Maternal7AN463PLAYBOOK7AN699NORTH STAR7AN699YELLOWSTONE7AN723GOOD NEWS7AN725CAMERON14AN553COWBOY LOGIC7AN683SAFE & SOUND7NA644OPTIMUM14AN686PATENT7AN697COUNTY ROADBreed Average	EPD 17 15 15 15 15 15 15 15 15 15 14 14 14 8	\$Energy7AN600WOLVERINE7AN463PLAYBOOK7AN466RAINFALL14AN497NEW ADDITION7AN697COUNTY ROAD7AN538BRAGGING RIGHTS2AN604TOP CUT7AN718NORTHBOUND7AN389SURE FIRE7AN735GIBSONBreed Average	EPD 10 3 2 0 -4 -7 -8 -9 -9 -9 -9 -9 -9 -9 -16	Marbling7AN759FIREPROOF7AN629TRANSCENDENT7AN700HERO7AN580HOME TOWN7AN642VERACIOUS2AN604TOP CUT7AN689INCENTIVE7AN542COMBUSTION7AN703BELIEVER7AN392MOMENTUMBreed Average	EPD 2.29 2.23 1.74 1.71 1.70 1.69 1.64 1.61 1.59 1.56 .53	Ribeye7AN642VERACIOUS7AN758APEX7AN560QUANTUM7AN610FINAL DECISION7AN624DUAL THREAT7AN695NETWORK7AN735GIBSON7AN594REGIMENT7AN689INCENTIVE7AN698IRON HORSEBreed Average	EPD 1.42 1.40 1.31 1.28 1.24 1.22 1.21 1.19 1.17 1.16 .56
\$Maternal7AN743CRAFTSMAN7AN697COUNTY ROAD2AN604TOP CUT7AN684GUARD RAIL7AN463PLAYBOOK7AN735GIBSON14AN497NEW ADDITION7AN669NORTH STAR7AN701DIFFERENCE7AN600WOLVERINEBreed Average	EPD 112 110 107 104 102 102 98 97 97 96 58	\$Weaning14AN502TAHOE7AN699YELLOWSTONE7AN738RIVAL7AN528GROWTH FUND7AN697COUNTY ROAD7AN743CRAFTSMAN7AN607STAGECOACH7AN579TEAMWORK7AN642VERACIOUS7AN695NETWORKBreed Average	EPD 96 95 94 94 94 92 91 91 91 90 55	\$Beef7AN759FIREPROOF7AN695NETWORK7AN642VERACIOUS7AN610FINAL DECISION7AN629TRANSCENDENT7AN689INCENTIVE7AN579TEAMWORK7AN510PEYTON7AN580HOME TOWN7AN594REGIMENTBreed Average	EPD 266 245 235 227 227 223 220 219 217 211 132	\$Combined7AN759FIREPROOF7AN642VERACIOUS7AN695NETWORK2AN604TOP CUT7AN610FINAL DECISION7AN758APEX7AN689INCENTIVE7AN629TRANSCENDENT7AN737STATESMAN7AN580HOME TOWNBreed Average	EPD 409 386 375 363 362 361 356 353 349 344 229

7AN580 G A R HOME TOWN





Open camera. Scan code. Click to learn more.



AAA: 19266718 DOB: 09/06/18 TAT: 7488 GAR EARLY BIRD SIRE: GAR ASHLAND CHAIR ROCK AMBUSH 1018 GAR SURE FIRE DAM: CHAIR ROCK SURE FIRE 6095 CHAIR ROCK PROGRESS 3005

- ♦ HOME TOWN is the No. 1 sire for Angus registrations WOW!
- 'Head for the mountains' with HOME TOWN. He's our best for PAP EPD by a solid margin.
 His Marbling EPD is the real deal and his 107 ratio for IMF indicates his ability to 'ring the bell' for quality premiums.
- HOME TOWN progeny are easy to like. His young females are moderate-sized sweethearts with plenty of middle, above-average muscle shape and a classy look from nose to tail.

flor

If you follow Angus sale reports, like many do, you've watched a large number of HOME TOWNs showing up as high sellers. His acceptance by a wide variety of customers has been phenomenal.

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



ROI / %

276/8



Daughter, Hilton Farms, OK

EPDs as of	f 11/0	1/22		Pr	oduct	ion										Μ	latern	al				Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADO	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	14	5	61	116	.27	1.14	.2	.84	20	.60	.47	-2.55	.22	12.0	13	27	-	56	.2	-17	53	1.71	1.09	043	8	679	63	59	103	114	217	344
Acc	.88	.96	.94	.89	.68	.68	.93	.91	.85	.79	.78	.40	.72	.39	.32	.31	-	.44	.43		.68	.64	.61	.65	28	2011						
% Rank	4	20	50	35	30	65	80	50	40	90	40	1	4	45	10	40		55	60	55	30	1	3	3			40	45	20	1	1	1

40 45 20 1 1 1

7AN528 DEER VALLEY GROWTH FUND





Daughter, Chestnut Angus, MN



Daughter, Cardinal Cattle Company, IL



Daughter, Laflin Ranch, KS

EPDs as o	of 11/0	1/22		Pro	oduct	ion										Ν	latern	al			(Carcas	s		C	U			\$Va	lue		
	CED	BW	WW	YW	RADG	i DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	9	1.2	91	169	.35	2.07	.6	.83	22	.46	.47	2.94	.92	10.4	14	32	132	104	.6	-42	82	.31	.67	.055	7	783	68	94	126	34	160	276
Acc	.87	.97	.96	.93	.57	.57	.93	.92	.89	.83	.82	.47	.73	.61	.79	.71	341	.66	.63		.66	.62	.59	.62	20	1788						
% Rank	30	50	1	1	1	95	40	50	30	35	40	90	95	65	5	15		10	25	95	1	75	35	95			30	1	2	75	20	15

 Fail 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229



Click to learn more.

Open camera. Scan code.



AAA: 18827828 DOB: 01/22/17 TAT: 71122

BASIN PAYWEIGHT 006S SIRE: BASIN PAYWEIGHT 1682 21AR 0 LASS 7017 PLATTEMERE WEIGH UP K360 DAM: DEER VALLEY RITA 36113 DEER VALLEY RITA 9457

- No. 2 in the Angus breed for registrations, GROWTH FUND is leaving his mark as a legendary sire adding performance, profit and customer satisfaction across all segments of the beef industry.
- GROWTH FUND offers consistent quality that breeders demand in terms of phenotype and genetic merit from most any pedigree combination.
- Study the details of his proven EPD profile. He hits the marks with progeny proof to back it up.
- GROWTH FUND's daughters are making tremendous young cows with beautiful level udders and small teats with excellent placement.

6 GROWTH FUND is easy to use, easy to like and 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

7AN743 CONNEALY CRAFTSMAN







AAA: 20132505 DOB: 11/13/20 TAT: 070R SITZ STELLAR 726D SIRE: SITZ RESILIENT 10208 SITZ MISS BURGESS 1856 CONNEALY NIOBRARA 5451 DAM: BLACK CATHY OF CONANGA 8521 BLACK CARLA OF CONANGA 450 One of the great things about CRAFTSMAN is the mating flexibility he provides. His impressive phenotype, robust EPD profile, and "here-I-am" presence offer exciting opportunities to cross on many different females. *Gabe Connealy, Connealy Angus*

- CRAFTSMAN is the single most talked about sire to sell in 2022! He was highly sought after by the most astute cattlemen commanding a record setting \$500,000.
- ♦ An early Resilient son offering elite predictions for both \$M and \$C while excelling for traits like WW, YW, DOC, CLAW, ANGLE, HP, MARB and REA.
- CRAFTSMAN offers stunning presence with added length of spine, correctness of lines, extra mass and volume with excellent structural integrity.
- His individual performance records are unmatched with ratios of 120 for WW, 119 for YW, 154 for IMF and 107 for REA.
- ◊ CRAFTSMAN is a must-use sire for balanced breeding!

From Connealy Angus, NE and STgenetics, TX

EPDs as of	11/0	1/22		Pr	oduct	ion										N	latern	al				Carcas	5		C	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	8	1.6	83	145	.29	1.43	.8	.68	25	.38	.40	24	.40	19.4	5	41	-	44	.5	-19	67	1.03	.93	.012	-	-	112	94	102	75	177	342
Acc	.36	.56	.48	.44	.32	.32	.47	.42	.45	.36	.36	.29	.31	.28	.28	.31	-	.38	.40		.43	.39	.39	.37	-	-						
% Rank	35	60	5	5	20	80	25	65	20	10	15	20	25	2	85	1		75	40	60	10	15	10	50			1	1	15	10	10	1

🚮 极 🔂

7AN738 E&B **RIVAL** 175







AAA: 20128929 DOB: 01/28/21 TAT: 175 BASIN PAYWEIGHT 1682 SIRE: DEER VALLEY GROWTH FUND DEER VALLEY RITA 36113 CONNEALY CONFIDENCE PLUS DAM: E&B LADY PLUS 8180 E&B LADY PRIMESTAR 086

> METHOD GENETICS MPI/% 192/1 QPI/% 177/1 ROI/% 334/1

44

Photo Reversed



here at Benoit Angus with not only an exceptional look but was equally impressive in every facet of his data collection. He was born black as the ace of spades, and was slick-haired at grass time in May. His dam, Lady Plus 8180, is one of our best and is one of six full sisters we have in our herd. They are all beautiful cows and performing above average. We flushed 8180 this past spring, so she became the sixth consecutive donor in her cow family for us. We used RIVAL heavily in our herd in the 2022 breeding season and are excited to see his first calves. Doug Benoit, Benoit Angus

RIVAL was a standout from day one

◊ RIVAL is possibly the most exciting sire to enter our lineup in some time!

- He is the rare combination of phenotype, proven maternal line, actual data, EPD's and now Method Genetics. He is a triple threat sire, ranking in the top 1% for all three Method indexes!
- RIVAL's actual scan ratios, 232 for IMF and 125 for REA, back up his great carcass predictions.
 His dam already has a WW ratio of 2 for 111, YW ratio of 2 for 110 and is well on her way to Database and great great
- Pathfinder. His grandam and great grandam are already Pathfinders! From Benoit Angus, KS

EPDs as of	11/01	l/22		Pr	oduct	ion										Μ	latern	al			(Carcas	S		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	i DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$
EPD	6	2.2	94	163	.29	2.00	1.0	.54	18	.37	.43	.49	.44	12.5	6	37	-	96	.6	-41	75	.90	1.12	.037	-	-	78	95	109	69	179	3
Acc	.36	.55	.48	.44	.34	.34	.52	.49	.36	.30	.30	.28	.32	.27	.33	.34	-	.41	.42		.43	.39	.39	.37	-	-						
% Rank	55	75	1	1	20	95	10	75	55	10	25	35	30	45	75	3		15	30	95	4	20	2	85			15	1	10	15	10	

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

310

7AN737 VIRGINIA TECH **STATESMAN**





AAA: 20085208 DOB: 01/16/21 TAT: 1J3 SS NIAGARA Z29 SIRE: TEHAMA PATRIARCH F028 TEHAMA ELITE BLACKBIRD D826 ELLINGSON HOMESTEAD 6030 DAM: VPI 310A RITA 9G6 ET AED RITA 310A

STATESMAN is one of the most talked about new sires in the Angus breed.

He has a fresh pedigree for Select Sires with exceptional mating flexibility. He will complement 7AN528

GROWTH FUND and 7AN580 HOME TOWN females from both a phenotype and EPD perspective.

STATESMAN is the sire of choice if you like elite index values, big spread and high phenotype.

V He checks all the boxes by offering breed leading HP, Marbling and excellent foot scores.

STATESMAN is a sire that should work in high elevation programs with a PAP EPD in the top 3% of the breed.

From Deer Valley Farm, TN and Knoll Crest Farms Inc., VA

out there, he is a fresh outcross pedigree that has several generations of proven predictability in his bloodlines. Calving ease, breedleading growth, phenomenal foot EPDs, negative PAP, tremendous carcass traits and maternal tilt that you rarely find with these kind of traits. Couple that with the unreal structure and cool look he gives you and you have an individual that fits every breeder in the industry. He's the sire we have searched for to use on the PLAYBOOK, BLUEPRINT, GROWTH FUND and WALL STREET daughters in our program.

STATESMAN is one of the most unique sires we've come across in years. For

us, and many breeders

Jonathan Perry, Deer Valley Farm

EPDs	as of	11/0	1/22		Pr	oduct	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	i DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
ł	EPD	8	0.1	89	168	.33	2.36	1.0	.87	21	.47	.34	-1.74	.52	17.0	13	28	-	104	.9	-40	78	1.22	.86	.063	-	-	84	83	125	79	204	349
	Acc	.36	.51	.44	.37	.30	.30	.43	.39	.34	.28	.28	.26	.27	.23	.29	.30	-	.35	.38		.39	.35	.35	.31	-	-						
% R	Rank	35	25	2	1	4	95	10	50	40	40	3	3	45	10	10	35		10	10	95	2	5	20	95			10	2	2	5	1	1

14AN590 DEER VALLEY **BRIGADE** 81247







Open camera. Scan code. Click to learn more.



AAA: 19469706 DOB: 01/05/18 TAT: 81247 BALDRIDGE XPAND X743 SIRE: BALDRIDGE COLONEL C251

BALDRIDGE ISABEL Y69

PLATTEMERE WEIGH UP K360 DAM: DEER VALLEY RITA 36142 DEER VALLEY RITA 9457

- ◊ BRIGADE was our best kept secret, but not anymore!
- Study these three progeny pictures to the right. We could have published 15 more that look just the same.
- BRIGADE is a great choice to add muscle and performance in an attractive package. He ranks in the top 5% for \$C and top 10% or better for BW, YW, RADG, CEM, MILK, CW, \$W and \$B.
- Anchored by the maternal strength of his pedigree, BRIGADE combines Isabel Y69 and GAR EXT 614 in the same pedigree.
- ◊ For customers wanting the "right kind" of cattle, look no further!

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

Daughter, Deer Valley Farms, TN



Son, Deer Valley Farms, TN



Son, Deer Valley Farms, TN

EPDs as of	f 11/0	1/22		Pr	oduct	ion										N	latern	al			(arcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	9	-1.2	75	144	.31	1.84	.6	.99	13	.45	.51	.40	.66	11.8	13	34	-	53	.3	-19	71	.70	.92	.041	1	9	77	81	117	57	174	303
Acc	.48	.82	.77	.60	.40	.40	.66	.52	.52	.43	.43	.27	.31	.27	.33	.35	-	.44	.45		.53	.46	.44	.42	5	16						
% Rank	30	10	15	10	10	95	40	40	70	30	60	30	75	50	10	10		60	50	60	5	30	10	85			15	3	5	30	10	5

 Fail 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal: HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229

7AN600 SAT WOLVERINE 916





TEHAMA UPWARD Y238 SIRE: TEHAMA TAHOE B767 TEHAMA MARY BLACKBIRD Y684 BROOKING PROSECUTOR 222 DAM: SAT PRAIRIE 788 SAT PRAIRIE 324

Open camera. Scan code. Click to learn more.

AAA: 19544206

DOB: 02/21/19

TAT: 916

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- WOLVERINE has skyrocketed up the sales charts to No. 5 in 2022 only to be topped by the four top Angus Registration sires, 7AN580 HOME TOWN, 7AN528 GROWTH FUND, 14AN502 TAHOE and 7AN466 RAINFALL!
- He is everything commercial cattlemen ask for in a calving ease sire. His calves come easy, grow, are attractive and offer exceptional foot quality.
- WOLVERINE is backed by a beautiful Prosecutor daughter that is admired by all who visit Talkington Angus which backs up his top 1% ranking for \$M.
- He is a go-to heifer sire ranking among the best for CLAW, ANGLE, PAP and HS.

From Talkington Angus, ND



Dam of WOLVERINE

EPDs as of	f 11/0	1/22		Pr	oduct	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	14	-2.3	69	107	.16	1.07	.0	.01	19	.37	.38	11	.41	9.7	3	27	-	-3	5	10	30	.43	.79	.015	-	-	96	84	61	45	105	232
Acc	.50	.70	.57	.43	.33	.33	.47	.39	.36	.29	.29	.25	.29	.27	.31	.33	-	.38	.41		.41	.36	.36	.32	-	-						
% Rank	4	3	25	50	95	60	90	95	40	10	10	20	25	70	90	40		95	95	10	80	60	20	55			1	2	90	50	85	50

7AN607 HOFFMAN STAGECOACH 1908









- STAGECOACH is a truly unique sire with a super combination of phenotype, performance and maternal strength.
- He has elite maternal value, ranking near the top of the breed for Hair Shedding (HS), \$M, \$W and does this with modest Calving Ease and breed-leading growth.
- Excellent for phenotype, STAGECOACH, is a moderate-framed sire with lots of muscle and extra rib shape.
- His progeny are very attractive and ratioing well for BW and YW.
 His pedigree combines two of our best in 14AN502 TAHOE and 7AN351 CAPITALIST 028.

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

DOB:	02/0	9/19
TAT:	190	8
		Open camera Scan code.

AAA: 19479475







E	PDs as of	11/0	1/22		Pr	oducti	ion										Ν	laterna	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	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	93	149	.28	1.56	.3	1.06	15	.43	.44	1.74	.10	14.3	11	23	-	63	.1	-18	64	.55	.75	019	-	5	96	92	98	53	150	291
	Acc	.45	.72	.64	.49	.38	.38	.51	.53	.40	.27	.27	.24	.29	.24	.30	.32	-	.40	.41		.45	.38	.39	.35	-	13						
_	% Rank	15	30	1	4	20	90	70	35	60	25	25	65	1	20	25	70		45	70	55	10	45	25	15			1	1	25	35	30	10

14AN502 TEHAMA TAHOE B767





Daughter, Myers Angus, KY



Daughter, Tamme Valley Farm, KY



Son, Tehama Angus Ranch, CA

EPDs as of	11/0	l/22		Pr	oduct	ion										N	latern	al			(Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	10	0	78	134	.26	1.44	.2	1.20	23	.48	.47	1.84	08	11.3	7	32	129	45	2	-15	47	.88	.80	002	14	504	84	96	81	67	148	276
Acc	.91	.97	.95	.93	.58	.58	.94	.92	.90	.83	.83	.46	.71	.76	.81	.79	459	.77	.81		.72	.70	.66	.70	47	1653						
% Rank	25	25	10	15	35	85	80	25	25	45	40	70	1	55	65	15		65	90	50	40	20	20	35			5	1	60	15	35	15

 Fall 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229



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

Scan code.

Click to learn more.

Open camera. 🔳 🚺 🔳

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

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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 TAHOE's 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.
- He ranks near the top of the breed for Maternal value. TAHOE makes beautiful daughters that are easyfleshing, deep-ribbed and have excellent udder quality and teat length.
- Ranking very high for Hair Shedding and Docility, TAHOE covers the bases for many regions and climates.
- TAHOE is a high accuracy sire exceeding 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

7AN595 BALDRIDGE MOVIN ON G780









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

POSS EASY IMPACT 0119 **SIRE: BALDRIDGE ALTERNATIVE E125 BALDRIDGE BLACKBIRD A030**

GAR PROPHET DAM: BALDRIDGE ISABEL B061 **BALDRIDGE ISABEL Y69**

MOVIN ON has become one of our most popular sires in 2022, especially for his reliable calving ease use in heifer projects.

- V His dam, B061 is becoming one of the most consistent and popular daughters of Y69.
- MOVIN ON has a perfect blend of calving ease, growth, end product merit, phenotype and pedigree.
- ♦ His calves are vigorous at birth with early growth and offer added muscle shape.

From to Baldridge Performance Angus, NE; Boyd Beef Cattle and Blake Boyd, KY and Trowbridge Angus, NY



Daughter, Boyd Beef Cattle, KY



Daughter, Boyd Beef Cattle, KY



Dam of MOVIN ON

EPDs as o	f 11/0	1/22		Pr	oducti	ion										Ν	/ atern	nal				Carcas	S		C	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	9	0.3	70	120	.20	1.50	.3	.82	27	.44	.41	88	.37	13.3	12	21	-	70	.5	-20	56	1.05	.74	.031	-	6	75	64	95	72	166	290
Acc	.64	.84	.77	.52	.38	.38	.64	.56	.51	.36	.36	.26	.26	.25	.33	.33	-	.39	.40		.45	.37	.39	.36	-	8						
% Rank	30	30	25	30	80	85	70	50	10	25	15	10	20	30	15	80		40	35	60	25	10	25	75			15	30	30	10	15	10

7AN735 BALDRIDGE GIBSON G859







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AAA: 19581696 DOB: 02/12/19 TAT: G859 CONNEALY CONFIDENCE 0100

SIRE: CONNEALY CONFIDENCE PLUS ELBANNA OF CONANGA 1209 GAR PROPHET DAM: BALDRIDGE ISABEL B061 BALDRIDGE ISABEL Y69

- ◊ Plain and simple....this guy is a stud! He looks good from every angle.
- A direct son of Y69's best daughter, B061, GIBSON offers a pedigree that is predictable and familiar. He is a Confidence Plus son making a lot of semen and is in the top 40% for Scrotal.
- ♦ GIBSON is a genetic gem! He is in the top 1% for \$M and top 2% for \$C. However, it's the sum of the parts that might be the most impressive as he ranks among the best for CLAW, ANGLE, YW, HS, MARB and REA.
- Physically, you won't find many sires more impressive. GIBSON is thick, stout, deep, attractive and excellent on his feet and legs.

From Riverbend Ranch, ID and to Baldridge Performance Angus, NE





Daughter, Riverbend Ranch, ID



Daughter, Flying U Angus, OR

EPDs as of	11/0	1/22		Pr	oduct	ion										N	latern	al			0	Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	9	0.1	76	137	.27	1.91	.3	.97	19	.24	.35	3.89	.21	12.2	7	37	-	27	.0	-9	62	.96	1.21	.029	-	27	102	86	97	74	171	324
Acc	.60	.81	.73	.70	.42	.42	.72	.63	.50	.36	.35	.31	.34	.30	.37	.37	-	.46	.47		.51	.45	.46	.45	-	56						
% Rank	30	25	15	10	30	95	70	40	40	1	3	95	3	45	65	3		85	75	35	15	15	1	75			1	1	30	10	10	2

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 YW: 105
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 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

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 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229

7AN759 G A R FIREPROOF L1061

1061





He is easily one of the most sought-after sires in the Angus breed for his elite data set.

FIREPROOF's genetic predictions are off the charts! He is top 1% for MARB, \$B and \$C and not just

Very smooth, up headed, attractive and deep ribbed, FIREPROOF offers the extra eye appeal some

FIREPROOF is a calving ease sire also offering extra growth as well as offers an elite ranking for

AAA: 20370357 DOB: 09/05/21 TAT: L1061

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G A R SURE FIRE 6404 SIRE: GB FIREBALL 672 GB ANTICIPATION 432

have come to expect from carcass leaders such as 7AN580 HOME TOWN.

FIREPROOF is the highly anticipated lot 1 sire for Gardiner's April sale!

G A R SURE FIRE DAM: CHAIR ROCK SURE FIRE 6095 CHAIR ROCK PROGRESS 3005

> METHOD GENETICS MPI/% 162/6 QPI/% 192/1 ROI/% 316/1

After receiving FIREPROOF's data and genetic predictions, my first reaction was "Oh my, let's go!" The ability to use sires that fit most environments, with the most profit potential we have ever seen is genuinely exciting! We can't contain how thrilled we are to use FIREPROOF on our TRANSCENDENT daughters, out of HOME TOWN daughters and share another generation of genetic excellence.

NEW

Mark Gardiner, Gardiner Angus Ranch

PAP and HS.

top 1% but he is in the top 1% of 1%!

Check on availability for Spring 2023

From Gardiner Angus Ranch, KS

EPD	s as of	11/0	1/22		Pr	oduct	ion										N	latern	al			(Carcas	6		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	15	0.2	72	146	.38	1.38	.6	1.24	26	.55	.43	-1.73	.13	10.2	14	39	-	77	.4	-33	77	2.29	.96	.025	-	-	65	76	132	133	265	409
	Acc	.31	.43	.38	.34	.31	.31	.47	.45	.34	.26	.26	.24	.23	.22	.26	.23	-	.29	.31		.38	.35	.36	.33	-	-						
%	Rank	2	30	20	5	1	75	45	30	15	75	25	3	2	75	4	2		35	50	90	3	1	10	70			45	10	1	1	1	1

7AN758 G A R **APEX**





AAA: 20255076

DOB: 08/20/21

TAT: 6271

G A R SURE FIRE SIRE: G A R DUAL THREAT G A R DAYBREAK A3010 G A R ASHLAND DAM: G A R ASHLAND N779 G A R PROPHET N1135 壑 🅼 🥼 🕲

- WOW, what a package! APEX sells as lot 1 in Gardiner's sale in January.
- APEX offers elite carcass predictions we expect from Gardiner Angus Ranch, ranking in the top 1% for both REA and MARB and is over +200 for \$B.
- Not just a carcass sire, APEX also offers superb predictions for DOC, HP, PAP and HS — what a bonus!
- ♦ A 7AN624 DUAL THEAT son, APEX, offers extra frame and length without sacrificing body depth.
- A lot of predictability in his pedigree, including GAR greats such as 7AN389 SURE FIRE, Ashland and 7AN320 PROPHET.
- Check on availability for Spring 2023

From Gardiner Angus Ranch, KS

MPI/%
169/3
QPI/%
162/4
R0I / %
299/2

METHOD GENETICS

EPDs a	as of	11/0	1/22		Pr	oduct	ion										N	latern	al				Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
E	EPD	13	-1.8	71	127	.26	1.46	.3	1.39	37	.57	.57	-1.81	.02	15.7	11	40	-	42	.0	-18	64	1.45	1.40	.027	-	-	92	87	107	100	207	360
_	Acc	.32	.47	.40	.35	.29	.29	.51	.48	.44	.25	.25	.22	.27	.19	.25	.26	-	.33	.36		.41	.37	.37	.35	-	-						
% R	ank	10	5	25	20	40	80	80	20	1	80	90	3	1	15	25	1		80	85	55	15	1	1	70			2	1	10	1	1	1

7AN757 YON SALUDA





MOHNEN SUBSTANTIAL 272 SIRE: SITZ STELLAR 726D SITZ PRIDE 200B V A R DISCOVERY 2240 DAM: YON SARAH D668 YON SARAH A615 AAA: 20336998 DOB: 09/09/21 TAT: K104



- Our search for a Stellar son led us to SALUDA!
- From the same dam that brought us 7AN604 TOP CUT, SALUDA is her Stellar son offering more performance and marbling than his sire while still offering elite predictions for HS, CLAW, ANGLE, PAP and \$M.
- Attractive and sound, SALUDA offers that herd sire look and presence with excellent breed character.
- Study this young sire close. He brings it all together in one package, Performance, cows, and carcass, with all the convenience traits to boot!
- Check on availability for Spring 2023
- From Yon Family Farms, SC



Dam of SALUDA

EPI	Os as of	11/0	1/22		Pr	oducti	ion										Ν	latern	al			(Carcass	6		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	9	0.9	84	147	.30	1.49	.5	1.87	15	.37	.36	91	07	19.7	13	29	-	81	.6	-30	62	1.15	.83	.025	-	-	96	83	106	78	184	335
	Acc	.36	.56	.49	.45	.34	.34	.53	.51	.38	.39	.34	.30	.34	.31	.34	.35	-	.40	.42		.42	.39	.38	.36	-	-						
%	& Rank	30	45	4	5	15	80	55	5	65	10	5	10	1	2	10	30		30	30	85	20	10	20	70			1	2	15	5	5	1

 Fail 2022 Angus Breed Average EPDs
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 \$EN: -16
 Carcass:
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 RE: .56
 FAT: .012
 \$M: 55
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 \$B: 132
 \$C: 229

7AN697 YON COUNTY ROAD H1389





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

TAT: H1389 Den camera. Scan code. Click to learn more COUNTY ROAD will sire numerous calves in our 2022-23 calving season at YFF. Chattooga sons continue to be performance standouts at YFF and County Road is a phenotypic dream. He will see plenty of use in our A.I. program as a calving-ease sire expected to pass on maternal power and excellent dispositions. *Kevin Yon, Yon Family Farms*

EPDs as of 11/01/22 Maternal Carcass C 11 \$Value Production CED BW WW YW RADG DMI DOC Claw Angle PAP CEM Milk Hd/Dt MW MH \$EN CW Marb RE \$M \$W YH SC HS HP Fat Grp/Pg Grp/Pg \$F \$G \$B \$C EPD 14 -1.0 76 129 .24 1.37 .90 .54 .46 -1.67 .54 14.6 14 38 54 .70 .64 .063 110 94 51 .5 31 15 89 140 292 .1 -4 Acc .37 .53 .46 .41 .30 .30 .50 .47 .34 .34 .34 .23 .30 .26 .30 .31 .39 .39 .40 .36 .36 .34 95 80 20 35 95 % Rank 4 10 15 20 55 50 4 70 35 3 50 25 40 45 40 45 45 10 55 75 4 2 1 1

7AN463 TEX **PLAYBOOK** 5437





◊ PLAYBOOK is the No. 1 \$Maternal sire in the breed.

- He ranks among the best female sires in the breed today, some would say he is the best!
- PLAYBOOK offers a 'beyond EPDs' skillset of near-perfect udders, added depth of flank and fleshing ability, solid feet, under-control cow size and really good-looking females.
- His name on either side of a pedigree is like money in the bank, just ask those who've used him!

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

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



AAA: 18414912





Son, Bruning Farms, NE

\$45

I	EPDs as of	11/0	1/22		Pr	oducti	ion										N	Matern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	12	2	61	104	.20	.97	.0	.99	26	.51	.43	10	.97	14.5	17	35	351	3	3	3	44	.50	.29	.045	7	874	102	86	87	39	126	265
	Acc	.89	.97	.95	.93	.48	.48	.93	.93	.86	.78	.77	.37	.62	.72	.88	.87	1319	.76	.72		.62	.57	.55	.58	11	2162						
	% Rank	15	20	50	55	80	55	90	40	15	55	20	20	95	20	1	10		95	90	15	50	55	85	90			1	1	50	65	60	25

7AN684 CONNEALY GUARD RAIL 923E









AAA: 19829215 DOB: 11/06/19 TAT: 923E TEHAMA UPWARD Y238 SIRE: TEHAMA TAHOE B767 TEHAMA MARY BLACKBIRD Y684 CONNEALY LEGENDARY 644L DAM: QUEEN BABES OF CONANGA 870J QUEEN BARB OF CONANGA 60C GUARD RAIL is true-blue calving ease. His calves have a big hip and stylish look. However, we are most excited about the maternal value he offers. We are anxiously awaiting his daughters! Jerry Connealy, Connealy Angus

- ♦ GUARD RAIL can improve nearly every trait and keep our customers "out of the ditches" and moving in the right direction.
- He is a Calving Ease Cowmaker that will let you sleep all night and leave you with a fertile, productive, hasslefree cow herd.
- GUARD RAIL is a phenotypic standout, moderate framed with a lot of shape, base width, body depth and fleshing ability.
- Fertility and feet two of the most talked about traits in the Angus breed and he is a leader for both, ranking in the top 1% of the breed for \$Maternal!
- He's the ideal sire for large heifer projects as we rebuild the nation's cowherd.

From Connealy Angus, NE and Benoit Angus, KS

EPDs as o	f 11/0	1/22		Pr	oduct	ion										Μ	latern	al			(Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	13	-2.4	73	122	.24	1.10	.2	1.03	17	.44	.45	2.77	.13	20.6	10	35	-	40	2	-14	44	.82	.72	.004	-	-	104	88	82	63	144	291
Acc	.42	.71	.48	.44	.34	.34	.46	.49	.45	.35	.35	.28	.31	.28	.33	.34	-	.41	.42		.43	.39	.39	.37	-	-						
% Rank	10	3	20	30	50	65	80	35	50	25	30	90	1	1	35	10		70	90	45	50	20	30	40			1	1	60	20	35	10

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

7AN698 BIGK/WSC IRON HORSE 025F







Daughter, Cox Ranch, TX



Daughter, Linz Heritage Angus, IN

EPDs as of	11/0	1/22		Pr	oduct	ion										Μ	latern	al			(Carcas	S		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	i DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	12	0.6	83	153	.37	1.33	.7	.93	27	.46	.35	.10	.25	9.8	13	27	-	105	.6	-40	64	.81	1.16	069	1	46	65	75	114	74	188	309
Acc	.70	.85	.77	.63	.37	.37	.72	.65	.38	.30	.31	.23	.26	.21	.31	.32	-	.41	.42		.50	.44	.44	.43	2	80						
% Rank	15	35	5	3	1	80	30	45	10	35	3	25	5	70	10	40		10	25	95	10	25	2	1			35	10	10	10	4	4



IRON HORSE is a bigger framed calving ease sire that has moved up the sales chart in 2022 due to his

EXAR BLACKCAP 3385

EXAR STUD 4658B

SIRE: EXAR STALLION 7986

outcross pedigree, balanced data and phenotype. He is a big spread sire offering proven Calving Ease with breed leading growth, great carcass merit and 0 excellent foot quality.

M

SANDPOINT BUTKUS X797

SITZ HENRIETTA PRIDE 643T

DAM: EXAR HENRIETTA PRIDE 5702

- IRON HORSE's progeny reports are validating both his Calving Ease and ability to transmit performance and Ø style into one complete package.
- He is a super long bodied, deep ribbed and thick ended individual with excellent foot quality. Ø
- He ranks high for the Hair Shedding EPD at +.25 and can be used in regions where tight hair coat is a must. Ø
- IRON HORSE offers a lot of mating flexibility being an outcross for most. ٥

From Wall Street Cattle Co., MO

Open camera. 🔳 Scan code.

> Click to learn more. 🔳

AAA: 19415015

DOB: 08/30/18

TAT: 025F

7AN604 YON TOP CUT G730







AAA: 19476453 DOB: 11/09/18 TAT: G730 KM BROKEN BOW 002 SIRE: SPRING COVE RENO 4021 SPRING COVE LIZA 021 VAR DISCOVERY 2240 DAM: YON SARAH D668 YON SARAH A615

- Not many sires can do all the things TOP CUT can do. He is rapidly becoming one of the most popular sires in our lineup.
- ♦ TOP CUT is a card-carrying member of the +100/+300 club of high \$M and high \$C.
- The Sarah cow family from Yon's is strong and TOP CUT's pedigree offers a logical outcross choice for breeders looking to improve their cows herds.

From Yon Family Farms, SC



Daughter, Yon Family Farms, SC



Daughter, Yon Family Farms, SC



Son, Yon Family Farms, SC

EPDs as o	f 11/0	1/22		Pr	oduct	ion										Μ	latern	al			(Carcas	6		C	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	11	0.9	75	129	.27	1.30	.3	1.58	29	.42	.48	4.32	.36	18.1	11	27	-	36	.2	-8	49	1.69	.95	046	-	19	107	77	86	111	197	363
Acc	.63	.85	.79	.57	.38	.38	.69	.63	.48	.48	.44	.26	.33	.29	.34	.35	-	.44	.43		.47	.40	.41	.40	-	32						
% Rank	15	45	15	20	30	75	70	10	10	20	45	95	15	3	25	40		75	60	30	40	1	10	2			1	10	50	1	2	1

 Fall 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229

7AN629 G A R TRANSCENDENT

12







Daughter, Goode Angus, TX



Daughter, Goode Angus, TX



Daughter, Butz-Hill, IA

EPDs as o	of 11/0	1/22		Pr	oducti	ion										N	latern	al				Carcas	S		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	13	0.8	70	125	.26	1.40	.4	.06	24	.57	.43	1.59	.46	10.5	9	25	-	79	.4	-27	49	2.23	.89	004	-	15	59	66	95	132	227	353
Acc	.56	.84	.73	.38	.35	.35	.72	.59	.45	.28	.27	.22	.28	.26	.30	.31	-	.40	.44		.50	.45	.46	.44	-	110						
% Rank	10	40	25	25	35	80	60	90	20	80	20	65	30	65	45	55		25	40	80	40	1	15	30			50	25	30	1	1	1

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

learn more. 🔳 AAA: 19570738

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DOB: 08/09/19

TAT: 5139

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

GAR PROPHET DAM: GAR PROPHET 2685 GAR DAYBREAK 2842

METHOD GENETICS

MPI/%

141/37

QPI/%

194/1

ROI / %

296/2

- V TRANSCENDENT is still one of the highest Marbling sires in the Angus breed and now he's got over 900 genomic progeny records.
- 6 His progeny are admired for their body mass, muscle shape and moderate mature size.

- One of the greatest value added opportunities in the beef industry is the Prime premium. There's no better sire to accomplish this than TRANSCENDENT. Remember, bred to a breed average Marbling female, the resulting calf hits the ground in the top 1% of the breed.
- ♦ He's the epitome of pounds in the right package!

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

22

7AN691 EZAR **STEP UP** 9178







AAA: 19430597 DOB: 01/29/19 TAT: 9178

GAR SURE FIRE **SIRE:** GAR BIG STEP K715 CHAIR ROCK PROPHET 3131

EXAR DENVER 2002B DAM: BASIN LUCY 4261 **BASIN LUCY 1022**

- STEP UP is a true beef sire! He enters our lineup as a semi-proven sire that has already made his mark in many Angus production sales across the country. His first crop of heifer calves were top sellers from coast to coast in the fall of 2022. Expect to see many top selling sons from STEP UP in 2023.
- He has a rare combination of traits breeders are desperately searching for. He exhibits excellent foot quality with extra heel depth while still ranking in the top 2% of the breed for Marbling.
- STEP UP is a good structured, wide based, deep bodied sire with extra width of top and muscle expression. He \diamond stands on a big solid foot and has that masculine herd sire look breeders admire.
- STEP UP consistently sires stout made, high performance, eye appealing cattle while adding foot quality and \diamond end-product merit. Take a "Step Up" in your breeding program.

From EZ Angus Ranch, CA and Edisto Pines, SC



Daughter, Boyd Beef Cattle, KY

Daughter, EZ Angus Ranch, CA

EPDs as of	f 11/0	1/22		Pr	oduct	ion										N	latern	al			(Carcas	S		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	8	2	76	134	.29	1.37	.6	1.57	27	.38	.26	.44	.52	10.7	14	27	-	83	.7	-30	68	1.34	.93	.031	-	13	76	70	110	88	198	333
Acc	.60	.85	.79	.48	.36	.36	.60	.56	.46	.35	.35	.26	.36	.24	.31	.32	-	.40	.43		.49	.42	.42	.40	-	22						
% Rank	40	70	15	15	15	80	40	10	10	10	1	35	45	60	5	40		25	20	85	10	2	10	75			15	15	10	2	2	1

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

7AN700 G A R HOMETOWN HERO





GAR ASHLAND SIRE: GAR HOME TOWN CHAIR ROCK SURE FIRE 6095 GAR MOMENTUM DAM: GAR MOMENTUM 2977 CHAIR ROCK PROPHET 3054



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- Following in the footsteps of impactful GAR power sires like 7AN222 PREDESTINED and 7AN213 GRID MAKER who are among our all time high selling bulls and breeder favorites, HERO offers elite genetic merit combined with a powerful phenotype.
- Sired by the No. 1 registration sire in the breed, 7AN580 HOME TOWN, and a standout among his contemporaries, HERO offers more stoutness, width of base, muscle shape and overall dimension with the same eye-appeal as his sire.
- HERO can improve carcass merit and foot quality at the same time. He ranks in the top 1% for MARB, \$C and \$B while also ranking in the top 30% for CLAW and ANGLE.
- HERO is a no miss for every environment with an ideal Milk EPD, moderate mature size and PAP and Hair Shedding EPDs in the top 25% of the breed!

From Gardiner Angus Ranch, KS and David Dockter, ND

EPDs as o	f 11/0	1/22		Pr	oducti	ion										Ν	latern	al			(Carcas	S		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg (Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	5	2.6	74	137	.26	1.99	.7	.74	21	.43	.44	10	.40	9.2	9	25	-	69	.5	-22	69	1.74	.94	.035	-	-	66	65	104	107	211	340
Acc	.34	.48	.41	.37	.33	.33	.51	.49	.45	.29	.29	.26	.30	.23	.26	.27	-	.34	.37		.42	.39	.39	.36	-	-						
% Rank	65	80	15	10	40	95	35	60	40	25	30	20	25	80	45	60		45	40	65	10	1	10	80			45	30	15	1	1	1

7AN624 G A R <mark>DUAL THREAT</mark>



CONNEALY IN SURE 8524 SIRE: GAR SURE FIRE CHAIR ROCK 5050 GAR 8086 MCC DAYBREAK DAM: GAR DAYBREAK A3010 GAR 5050 NEW DESIGN A91 AAA: 19123898 DOB: 09/03/17 TAT: 507G





- DUAL THREAT was named for his superior Marbling/Ribeye offering – but he could just as easily been named 'Do More' – because he does!
- Our customers enjoy this sire's consistent delivery of modern performance and easy-to-handle offspring that feed good and excel on the rail.
- DUAL THREAT is a solid option for heifers he sires the kind that will keep you in business.

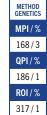
From Gardiner Angus Ranch, and JLB Ranch, KS; Ogeechee Angus Farm and Travis Bunch, GA



Daughter, Edisto Pines, SC

Daughter, Edisto Pines, SC

EPDs as o	f 11/0	1/22		Pr	oduct	ion										Ν	latern	nal				Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/D	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	12	2	69	128	.27	1.31	.7	1.31	26	.49	.39	.39	.11	13.0	5	36	-	61	.3	-24	64	1.22	1.24	.016	4	110	74	75	118	88	205	340
Acc	.73	.89	.84	.66	.42	.42	.80	.73	.59	.45	.42	.29	.46	.27	.35	.34	-	.44	.45		.64	.60	.58	.60	19	294						
% Rank	15	20	25	20	30	75	30	20	15	45	10	30	1	35	80	5		50	50	70	10	4	1	60			20	10	4	2	1	1



\$35

METHOD GENETICS

MPI/%

152/17

QPI/%

141/18

ROI/%

265/15

7AN642 HPCA VERACIOUS

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Scan code.

Click to learn more.

AAA: 19699322

DOB: 02/03/20

and REA.

TAT: S500

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Daughter, Audley Farm, VA



Dam of VERACIOUS

EPI	Ds as of	11/0	1/22		Pr	oduct	ion										N	laterna	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	7	0.9	87	154	.31	1.77	.8	.00	22	.43	.46	2.15	.33	12.1	8	35	-	76	.7	-31	82	1.70	1.42	.013	-	-	81	91	122	113	235	386
	Acc	.50	.78	.56	.45	.34	.34	.54	.50	.44	.31	.35	.25	.31	.24	.32	.33	-	.39	.41		.44	.38	.38	.34	-	-						
9	6 Rank	45	45	3	3	10	95	20	95	30	25	35	75	15	45	55	10		30	20	85	1	1	1	55			10	1	3	1	1	1

GAR SUNRISE

HPCA PROPHET A3

METHOD

MPI/%

157/11

QPI/%

165/3

ROI / %

289/3

DAM: HPCA SUNRISE A246

 Fall 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229

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KOUPALS B&B IDENTITY

MILL BRAE PRO BLACKCAP 1092

No other sire with calves reported in the Angus database can match his combination of CW, MARB,

From Hinkle's Prime Cut Angus and Soaring Eagle Farms, MO; FB Genetics, TX; Terhune Farms and Don Terhune, KS;

His super cow 7AN361 SUNRISE dam has already written her own story, so it's no surprise

SIRE: MILL BRAE IDENTIFIED 4031

◊ A genomic rockstar siring phenotypic standouts, VERACIOUS is a must-use sire.

VERACIOUS excels for \$Maternal. His sisters are leaving their mark at HPCA.

♦ He is a foot improver excelling for Hair Shedding.

D&W Angus, GA and 2 Ten Cattle Co., MN



7AN695 E W A NETWORK 025



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

TAT: 025 Open camera. Scan code. Click to learn more.

AAA: 19866645

DOB: 08/12/20

🙆 🚺 🚯 🚮 😢

NETWORK is one of our most elite \$Combination sires.
 He 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 made with extra bone and foot size, extra depth of body and a powerful hip structure.
- A standout among his contemporaries, NETWORK posted a WW ratio of 109 and a YW ratio of 105.

 NETWORK's growth and carcass merit are off the charts with top 1% rankings for YW, RADG, CW, RE, \$W, \$F, \$B and \$C.

From Edgewood Angus LLC, VA; David Dockter, ND; Van Beek Angus, SD; Kaiser Angus, KS and Oakdale Farms, GA

EPDs as o	f 11/0	1/22		Pr	oduct	ion										N	latern	al				Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	12	0.5	90	167	.40	1.27	.7	.61	22	.54	.49	4.41	.21	9.9	12	38	-	117	.8	-51	94	1.21	1.22	.014	-	-	57	90	158	87	245	375
Acc	.36	.53	.46	.41	.31	.31	.46	.47	.33	.32	.33	.22	.40	.18	.26	.27	-	.35	.37		.39	.35	.36	.33	-	-						
% Rank	10	35	2	1	1	65	35	70	35	70	55	95	4	75	15	2		5	15	95	1	5	1	55			70	1	1	2	1	1

7AN510 E W A **PEYTON** 642





- PEYTON has had more high-selling females in the past year than most and with good reason, people like them and they perform!
- Well-proven at this point in his career, PEYTON was selected with high genomic predictions and his progeny have maintained those early estimates. He's still a genomic rock star!

From Edgewood Angus LLC, VA and Dave Dockter, ND

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



AAA: 18675107

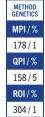




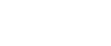
Farms, LA Daughter, 2 Bar Angus, TX

Daughter, 2 Bar Angus, TX

E	PDs as of	11/0	1/22		Pr	oduct	ion										Ν	latern	al			(Carcas	S		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	11	2.1	95	168	.33	1.67	1.2	.44	16	.54	.50	1.63	.37	13.7	6	32	58	125	1.1	-52	88	1.20	.82	.030	2	219	59	86	139	80	219	343
	Acc	.77	.93	.90	.84	.46	.46	.88	.83	.76	.70	.69	.26	.61	.41	.68	.58	123	.52	.55		.56	.51	.51	.51	2	428						
_	% Rank	15	70	1	1	3	90	3	75	55	70	55	65	20	25	75	15		2	3	95	1	4	20	75			50	1	1	4	1	1



\$35



\$40

METHOD GENETICS MPI/%

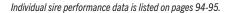
164/5

QPI/%

170/2

ROI/%

300/2



7AN579 E W A TEAMWORK 821









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

QUAKER HILL MANNING 4EX9 **SIRE:** EWA PEYTON 642 EWA 444 OF 968 PROGRESS

PLATTEMERE WEIGH UP K360 DAM: EWA 543 OF 117 WEIGH UP EDGEWOOD LADY 117

METHOD GENETICS

MPI/%

202/1

QPI/% 157/6

ROI / % 328/1

- V TEAMWORK is one of the biggest spread, high accuracy sires in the breed excelling for endproduct merit.
- His high performance progeny have been appreciated by many astute cattlemen for their Ø bold rib, muscle shape, added bone and overall balance.
- ♦ TEAMWORK is a calving ease sire ranking in the top 1% of the breed for \$W, \$F, \$B and \$C!

From Edgewood Angus LLC, VA; David Dockter and 6 Mile Angus, ND



Daughter, Edgewood Angus, VA



Daughter, Edgewood Angus, VA



Son, Edgewood Angus, VA

EPDs as of	11/0	1/22		Pr	oduct	ion										N	latern	al				Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	12	0.3	98	172	.37	1.55	.7	.34	24	.59	.45	.66	.54	9.5	12	30	-	128	1.0	-52	91	.95	1.14	.025	-	36	58	91	147	73	220	343
Acc	.56	.80	.70	.60	.40	.40	.75	.68	.47	.43	.43	.25	.59	.23	.33	.33	-	.42	.43		.49	.43	.44	.42	-	84						
% Rank	15	30	1	1	1	90	30	80	20	85	30	40	50	75	15	25		2	5	95	1	15	2	70			55	1	1	10	1	1

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

7AN723 44 GOOD NEWS 1130





CASINO BOMBER N33 *SIRE:* 44 BRIGADE 44 RITA 6821 44 MASS TRANSIT 6907 *DAM:* 44 PRIMROSE 202G 44 PRIMROSE A255



learn more

٦i

AAA: 19971596

- We've got GOOD NEWS! He has genetics covering all the bases and offering value-added marketing options!
- GOOD NEWS writes one of the most complete EPD profiles in the breed and is one of our best for \$Combined.
- He is an ideal mating on 14AN502 TAHOE, 7AN580 HOME TOWN, 7AN528 GROWTH FUND and Enhance influenced females – a lot of mating options!
- Admired at the 44 Farms sale as one of the most complete sires phenotypically, he combines powerful performance, base width, muscle shape, softness and balance with excellent feet.
- With his elite HP, CEM and foot EPDs, GOOD NEWS will sire outstanding replacement females in addition to sale topping feeder cattle qualifying for 44 Farms Prime Pursuits programs.

From JLB Ranch, KS and 44 Farms LLC, TX

EPDs as o	f 11/0	1/22		Pr	oduct	ion										Ν	latern	al				Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	13	0.5	83	157	.33	2.30	1.1	1.21	19	.43	.35	3.50	.29	16.5	15	30	-	133	.9	-54	80	1.06	1.14	.008	-	-	64	75	129	80	208	334
Acc	.33	.52	.44	.35	.28	.28	.44	.38	.30	.22	.22	.23	.24	.18	.24	.27	-	.33	.36		.38	.33	.33	.29	-	-						
% Rank	10	35	5	2	4	95	10	30	50	25	4	90	10	10	2	25		2	10	95	2	10	2	45			50	10	1	4	1	1

7AN725 44 CAMERON 05048







- CAMERON is a balanced calving ease 7AN528 GROWTH FUND son offering plenty of extras.
- CAMERON excels for WW and YW without being out of bounds for YH and MH.
- His predictions for HP, CEM, MILK and \$M make him a logical choice to use on heifers to keep replacements.

• CAMERON's offspring qualify for the 44 Farms Prime Pursuit program.

From 44 Farms LLC, TX

OTHER PRIME PURSUITS SIRES AVAILABLE

7AN544 MAIN STREET

BASIN PAYWEIGHT 1682 SIRE: DEER VALLEY GROWTH FUND DEER VALLEY RITA 36113 VAR GENERATION 2100 DAM: DLA BLACKCAP 5048 SBP BLACKCAP 7507





7AN538 BRAGGING RIGHTS

7AN610 FINAL DECISION

l	EPDs as of	11/0	1/22		Pr	oduct	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	11	0.1	82	147	.28	1.92	.8	1.13	12	.45	.48	2.87	.66	14.2	15	32	-	88	.7	-35	75	.41	.61	.019	-	-	73	83	114	41	155	274
	Acc	.35	.53	.42	.37	.32	.32	.43	.40	.35	.29	.29	.27	.31	.25	.31	.32	-	.37	.39		.40	.37	.37	.34	-	-						
	% Rank	15	25	5	5	25	95	25	35	80	30	50	85	75	30	2	15		25	25	90	4	75	50	60			25	2	5	70	25	20



Prime Pursuits[™] is a paradigm-changing partnership backed by generations of genetics that offers semen buyers an opportunity to participate in a large-scale, buyback program.

When you purchase semen from a 44 Farms bull through Select Sires, you're not just improving your calf crop. You're investing in an opportunity to become part of the Prime Pursuits program.

We invite you to join more than 1,000 ranchers across the U.S. who are adding value to their calves through Prime Pursuits.



For more information, please contact Warren White at 806.414.5858 or Tracy Woods at 405.880.3866

PRIMEPURSUITS.COM

7AN618 PVF MARVEL 9185







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

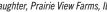
PVF INSIGHT 0129 SIRE: PVF BLACKLIST 7077 **PVF BLACKBIRD 3070**

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

- MARVEL stacks the most elite show heifer genetics ever produced at PVF.
- MARVEL is flawless in design, he has tremendous rib shape, extra depth of body, a long, powerful hip and is as Ø sound and free moving as you can make one.
- He has sired many high priced sale toppers and has proven to generate value in a phenotypic market.
- He combines a pedigree providing all the ingredients to make him an impact sire for those searching for high Ø phenotype cattle to compete at any level.

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







Daughter, Prairie View Farms, IL



Daughter, Prairie View Farms, IL

EPDs as o	f 11/0	1/22		Pr	oducti	on										Ν	latern	al			(Carcas	s		C	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/D	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg (Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	3	2.7	62	111	.30	.09	.5	.08	3	.59	.57	31	.92	12.3	4	25	-	86	.5	-30	55	.50	1.04	028	-	2	35	51	117	55	172	258
Acc	.36	.68	.56	.37	.28	.28	.43	.33	.30	.20	.20	.18	.22	.16	.23	.25	-	.32	.35		.38	.32	.33	.28	-	6						
% Rank	75	85	45	45	10	10	50	90	95	85	90	20	95	40	85	55		20	35	85	25	55	4	10			95	65	5	30	10	30

7AN753 S A V GRAND CANYON 0969





AAA: 19860277 DOB: 01/02/20 TAT: 0969 COLEMAN CHARLO 0256

SIRE: SAV RAINFALL 6846 SAV BLACKCAP MAY 4136 SAV NET WORTH 4200 DAM: SAV MADAME PRIDE 9477 SAV MADAME PRIDE 0075

- ◊ GRAND CANYON is new to Select Sires for 2023!
- While touring this summer, GRAND CANYON jumped onto our radar. Sired by the popular Select Sires great, 7AN466 RAINFALL, he offers the stunning phenotype and power we have come to expect from Schaff Angus Valley.
- GRAND CANYON offspring will impress in his first sale season. His calves are easy to pick out for their added dimension, power and presence.
- Look for GRAND CANYON to improve foot quality, add depth, muscle and breed character to your next calf crop.

From Schaff Angus Valley, Rust Mountain View Ranch and Carlson Angus, ND



Son, Carlson Angus, ND

E	PDs as of	f 11/0	1/22		Pr	oduct	ion										Ν	/ atern	al				Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADO	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	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	60	108	.23	1.06	.1	1.30	17	.23	.40	-1.00	.44	10.0	6	32	-	53	1	-18	42	.58	.28	.089	-	-	68	66	80	39	119	222
	Acc	.36	.59	.49	.37	.32	.32	.43	.48	.45	.32	.32	.25	.27	.24	.31	.33	-	.35	.37		.40	.37	.37	.34	-	-						
	% Rank	30	25	50	50	60	60	85	20	50	1	15	10	30	70	75	15		60	85	55	55	45	85	95			30	25	65	65	70	60

 Fall 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 44
 \$B: 132
 \$C: 229

NEW

\$55

substance, style and true herd bull authority. He presents authentic Angus type with remarkable resemblance to his legendary sire RAINFALL, with added power from Net Worth and the maternally-proven SAV Madame Pride cow family. His progeny are consistently the type and kind we strive to produce. GRAND CANYON will be a high customer satisfaction sire. *Kelly Schaff, Schaff Angus Valley*

GRAND CANYON is a phenotypic powerhouse with worlds of shape,

7AN589 MYERS SILVERADO M109





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



- SILVERADO is a mid 5 frame sire that is sound structured and thick made with superior foot quality and excellent phenotype.
- ٥ He is built from a cow family laced with dependable genetics and maternal strength. SILVERADO maintains a balanced data set insuring profitable cattle in the pasture or on the rail. He is high ranking for both \$M and \$C.
- \Diamond His progeny are nicely balanced with eye-catching phenotype, excellent foot quality and are slick haired.
- SILVERADO is a safe choice for those looking for trouble free, ٥ dependable genetics with longevity in mind.

From Myers Angus Farm, KY



Dam of SILVERADO

\$40

Maternal sister to SILVERADO

	EPDs as of	11/0	1/22		Pr	oduct	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	8	1	73	135	.26	1.79	.2	.27	17	.40	.36	3.72	10	15.2	9	30	-	39	3	-11	52	.92	.54	.038	-	7	95	76	88	62	150	290
	Acc	.45	.77	.70	.58	.39	.39	.50	.60	.36	.44	.45	.28	.50	.27	.33	.34	-	.43	.45		.47	.41	.41	.40	-	20						
-	% Rank	40	45	20	15	35	95	80	85	50	15	4	95	1	15	45	25		75	90	40	30	15	55	85			1	10	45	20	30	10

7AN736 TBA BRUNSWICK 1425





- BRUNSWICK was the lot 1 and high selling sire at the 2022 \Diamond T-Bone Angus Sale in Nebraska.
- He is moderate framed with a lot of rib shape and muscle. ٥
- BRUNSWICK is a modest Calving Ease sire with elite Maternal \Diamond Value, Docility and Marbling.
- Sired by the popular Sterling Pacific, BRUNSWICK has excellent \Diamond phenotype, high \$M and \$C Indexes and provides outcross mating flexibility.

From Brookhouser T-Bone Angus, NE

HOOVER NO DOUBT SIRE: STERLING PACIFIC 904 **BALDRIDGE ISABEL B082 CONNEALY DRIVER 390 DAM:** MBA KIKI 7423 **MBA KIKI 4163**



AAA: 20102244

EPDs as of 11/	01/22	2	P	roduct	ion										N	latern	al			(Carcass	S		С	U			\$Va	alue		
CEI	D BV	/ WW	YW	RADO	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD 10	0.7	7 86	141	.24	1.71	.3	1.38	32	.39	.46	4.11	.33	13.3	12	26	-	65	.2	-21	53	1.02	.61	.027	-	-	95	86	84	69	153	293
Acc .33	3.54	4.47	.42	.31	.31	.43	.48	.44	.33	.34	.23	.25	.21	.26	.29	-	.35	.37		.39	.35	.36	.33	-	-						
% Rank 20) 40) 3	10	55	90	80	20	3	15	35	95	15	40	15	50		50	70	65	35	15	50	70			1	1	50	15	30	10

7AN521 WOODHILL BLUEPRINT







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

- ◊ We get requests regularly for sires that make the "right kind". Well, here he is!
- ◊ BLUEPRINT's offspring have been turning heads 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 framed and flatter made 0 females needing more shape and width.
- BLUEPRINT is as balanced as you can get from a data standpoint and covers a lot of bases without \diamond striking out or being extreme. He adds muscle and improves foot quality, while maintaining moderate CE and solid growth.

From Woodhill Farms, WI and Deer Valley Farm, TN



Daughter, Montana Ranch, MI

Daughter, Deer Valley Farm, TN



Daughter, Riverbend Ranch, ID

EPDs as of	f 11/0	1/22		Pr	oduct	ion										Ν	latern	al				Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	8	0.6	70	127	.29	1.17	.0	.53	19	.48	.49	2.71	.72	8.8	5	35	59	68	.2	-27	53	.74	1.11	.010	1	271	57	80	103	64	167	274
Acc	.82	.94	.93	.89	.44	.44	.88	.87	.84	.74	.73	.34	.47	.63	.73	.67	203	.65	.68		.56	.50	.50	.51	4	684						
% Rank	40	35	25	20	15	70	90	70	40	45	50	85	85	80	80	10		40	60	80	30	30	3	50			55	4	20	20	15	20

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

7AN644 DEER VALLEY **OPTIMUM** 9246





BASIN PAYWEIGHT 1682 SIRE: DEER VALLEY GROWTH FUND DEER VALLEY RITA 36113 GAR PROGRESS DAM: GAR PROGRESS 830 GAR 111 RITO 3346

DOB: 02/13/19 TAT: 9246

AAA: 19466633



OPTIMUM is a calving ease son of 7AN528 GROWTH FUND with an

OPTIMUM is a calving ease son of 7AN528 GROWTH FUND with an extra shot of marbling and superior growth.

- The first calves by OPTIMUM are phenotypic standouts wherever he was used. They possess an amazing presence with added length and depth of body with a level design and overall eye appeal.
- His dam is a breed legend for her consistent ability to add marbling and calving ease to her progeny.
- OPTIMUM is a go-to heifer sire offering phenotype, growth and carcass merit!
- On't overlook this young sire. His best days are yet to come.

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



Full sister to OPTIMUM

\$30

EPDs as of 11/01/22				Pr	oduct	ion									Maternal								s		С	\$Value							
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	g Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	11	0.2	78	148	.30	1.81	.5	.54	20	.57	.49	77	.76	11.5	15	31	-	70	.5	-26	66	.94	.65	.082	-	7	71	77	119	61	180	304
	Acc	.56	.84	.80	.64	.41	.41	.60	.66	.68	.37	.38	.29	.32	.30	.36	.36	-	.45	.46		.51	.44	.44	.44	-	33						
-	% Rank	15	30	10	4	10	95	50	70	40	80	50	10	90	50	3	20		40	35	75	10	15	40	95			25	10	4	20	10	5

7AN617 RR ENDEAVOR 9005

Mon



- Balance and Marketing Flexibility are keys to producer profitability.
- Balance and Marketing Flexibility are keys to producer profitability. ENDEAVOR is the epitome of balance ranking in the top 25% of the breed for every index.
- ENDEAVOR is a go-to heifer sire offering growth, maternal and endproduct merit.
- This calving ease specialist is a big spread sire ranking near the top of the breed for CED, BW, WW, YW and CEM.
- Very few sires can match his Calving Ease and Growth combination, as he provides a balanced EPD profile with 12 traits ranking in the top 25% of the breed.

From 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





EPDs as of 11/01/22				Pr	oduct	ion										N	latern	al			(Carcass			С	U		\$Value				
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	16	-2.2	82	153	.29	1.99	.4	1.25	18	.42	.52	1.51	.61	11.6	12	28	-	85	.6	-31	68	.92	.53	.054	-	-	70	81	115	61	176	298
Acc	.50	.71	.59	.50	.35	.35	.47	.38	.34	.28	.28	.28	.28	.25	.31	.32	-	.40	.41		.44	.36	.36	.32	-	-						
% Rank	2	4	5	3	15	95	60	25	45	20	70	60	65	50	15	35		20	25	85	10	15	55	95			25	3	10	20	10	10

7AN688 RL JUSTICE





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



O your herd justice and add JUSTICE to your program!

- Sired by the now deceased Justified, JUSTICE is the logical choice to replace his popular sire.
- ٥ JUSTICE ranks in the top 2% for \$M, top 1% for CLAW and top 2% for Angle making him a great choice to sire the next generation of strong females.
- ◊ For a calving ease sire, JUSTICE offers extra muscle shape, hip/pin width and power in a moderate maternal package.
- JUSTICE is the perfect balance of phenotype and data. He ranks in the top 30% or better for 17 different traits.
 - From Rock Lake Angus, WY and Stevenson Angus, MT

The first progeny by JUSTICE were certainly calving ease. Like him, they show added shape, dimension and fleshing ability. I am very impressed with his feet, general structure, scrotal size and pleasant disposition. I believe him to be an impact sire, a bull with a flexible use pedigree that can improve a lot of fundamental traits while proving to be a maternal trait leader.

Darrell Stevenson, Stevenson Angus

EPDs as of 11/01/22 Productio CED BW WW YW RADG I EPD 11 3 67 129 .28 1 Acc .40 .64 .54 .42 .32							ion										Μ	latern	al			(Carcas	s		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/D	t MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	11	3	67	129	.28	1.49	.2	1.70	25	.24	.34	2.16	.48	15.0	9	35	-	50	2	-19	50	.76	.70	.065	-	-	93	75	93	55	148	285
	Acc	.40	.64	.54	.42	.32	.32	.47	.48	.36	.29	.29	.29	.29	.26	.33	.34	-	.40	.42		.43	.38	.38	.36	-	-						
_	% Rank	15	20	30	20	20	85	80	10	20	1	2	75	35	15	45	10		60	90	60	35	25	30	95			2	10	35	30	35	10

7AN683 HF SAFE & SOUND 019





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







- SAFE & SOUND is a must-use young sire destined to be a Calving Ease and Cowmaker bull that will add growth and end-product value.
- He is phenotypically complete moderate framed, big middled, with ٥ added muscle shape.
- ٥ SAFE & SOUND has an ideal maternal combination coupling top \$M and \$W indexes with high Heifer Pregnancy.
- His first calf reports are very favorable for Birth Weight with excellent ٥ calf vigor.
- SAFE & SOUND is an excellent choice for commercial heifer projects ٥ where uniform Calving Ease with added performance is preferred.

From Hilton Farms, OK and Connealy Angus, NE



Dam of SAFE & SOUND

EPDs as o	f 11/0	1/22		Pr	oducti	ion										М	atern	al			(Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	16	-1.8	74	130	.25	1.67	.3	.85	11	.41	.48	2.03	.62	14.6	15	32	-	41	1	-13	54	.93	.86	.043	-	-	90	85	84	67	151	286
Acc	.51	.70	.52	.40	.33	.33	.47	.42	.37	.29	.30	.25	.29	.26	.33	.34	-	.39	.41		.43	.38	.38	.34	-	-						
% Rank	2	5	15	20	40	90	70	50	75	15	45	75	65	20	3	15		70	85	45	25	15	15	90			2	2	55	15	30	10

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

14AN497 E&B NEW ADDITION 608





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**

DOB: 01/15/16 TAT: 608 Open camera.

AAA: 18548853



🙆 🛟 🛄 🥼

- NEW ADDITION is a perennial sales leader at Select Sires and rightfully so. He has a lot to offer!
- ٥ He is a proven calving ease sire making beautiful, moderate framed daughters with exceptional udder quality who wean big calves.
- ٥ Not just a calving ease sire, NEW ADDITION also ranks in the top 1% for \$M and docility and top 4% for HP.

 \Diamond In addition to his calving ease and maternal excellence, NEW ADDITION also offers carcass quality rankings in the top 25% or better for both MARB and REA.

From Benoit Angus and Smoky Valley Angus, KS



Dam of NEW ADDITION

Son, Benoit Angus, KS

\$40

I	EPDs as of	11/0	1/22		Pr	oducti	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	14	-1.6	52	94	.25	.24	3	.59	36	.48	.52	2.56	.51	17.4	14	33	8	12	4	0	34	.86	.76	.050	4	29	98	64	82	62	143	283
	Acc	.71	.87	.83	.74	.41	.41	.77	.75	.56	.38	.41	.27	.30	.31	.52	.48	39	.52	.56		.63	.59	.56	.57	21	108						
	% Rank	4	10	75	70	40	15	95	65	1	45	70	85	40	4	5	15		90	95	20	70	20	25	95			1	30	60	20	40	15

7AN718 MOKE G NORTHBOUND



- Looking for something to breed your heifers to? NORTHBOUND is that sire!
- NORTHBOUND is a True North son that is elite for his CE and BW while also offering great predictions for HP, DOC, MARB, REA and \$M.
- ٥ NORTHBOUND was selected for all the convenience traits he offers. He ranks among the best for PAP, HS and CLAW. He is one of the easiest sires to handle due to his calm demeanor.
- His young dam already has an IMF ratio of 1@104 and a Ribeye ratio ٥ of 1@108, while his grandam has posted a 362-day calving interval with a WW ratio of 6@104 and YW ratio of 6@105. NORTHBOUND's cow family is strong!

From Moke Angus, SD

SAV RAINFALL 6846 SIRE: SQUARE B TRUE NORTH 8052 **ELBANNA OF CONANGA 1209 KOUPAL KOZI 418** DAM: MOKE G ERICA 958 GM ERICA 341



AAA: 20106934

DOB: 01/03/21

EPDs as of	f 11/0	1/22		Pr	oducti	ion										N	latern	al			0	Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	17	-2.8	58	105	.25	.94	1	.81	23	.37	.49	-1.31	.19	14.2	10	41	-	22	4	-9	34	.75	.90	.031	-	-	88	78	71	60	130	257
Acc	.35	.54	.47	.42	.32	.32	.45	.39	.34	.27	.27	.25	.28	.23	.26	.29	-	.36	.38		.40	.36	.36	.33	-	-						
% Rank	1	2	60	55	50	45	95	55	30	10	55	5	3	30	30	1		95	95	30	85	35	15	75			4	5	80	25	60	35

14AN686 CONNEALY PATENT 959A





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

- PATENT was chosen in the 2021 Connealy Angus sale as a Calving Ease sire with elite Maternal value.
- \Diamond In Addition to his elite CE and big \$M value, he shines for Heifer Pregnancy, CEM and Docility.
- V His dam is an easy fleshing, nice uddered Premium Product daughter and his grandam is an elite Pathfinder cow.
- ٥ PATENT is a 7AN464 UNIQUE son with added muscle and body depth in a 6 frame package.
- He is one of our best for PAP with a -1.56 EPD. \Diamond
- PATENT is an excellent choice for commercial heifer projects, as he \Diamond offers Calving Ease without sacrificing growth and phenotype.

• COMPOUND is a great choice to reduce calving risk in your heifers. We don't offer many sires with as much total 'middle' as COMPOUND.

• COMPOUND keeps frame in check and sports a pedigree that's an

Sort the AAA Main Report for CED and the efficiency traits of RADG

From Connealy Angus, NE

EPDs as	of 11/0)1/22		Pr	oducti	ion										Ν	<i>l</i> latern	al			(Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EP	D 15	-1.6	70	121	.24	1.27	.4	1.22	24	.54	.57	-1.56	.51	19.5	14	22	-	50	.4	-11	39	.66	.76	005	-	-	91	70	77	57	134	265
Ac	.36 c	.55	.48	.43	.34	.34	.46	.49	.45	.34	.34	.25	.30	.24	.32	.34	-	.39	.40		.43	.39	.38	.36	-	-						
% Rar	ık 2	5	25	30	55	65	70	30	25	70	90	4	45	2	4	80		70	50	35	70	45	30	30			2	15	65	30	55	25

7AN525 SPRING COVE COMPOUND 12E













He's nearly as deep as he is long.

and DMI, he's the only one!

outcross to most.

From Spring Cove Ranch, ID



Son, ZumBrunnen Angus, WY

Daughter, Pine View Angus, IA

EPD	s as of	11/0	1/22		Pr	roducti	ion										Ν	latern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	18	-3.0	62	115	.28	.67	.1	.51	23	.63	.54	1.00	.80	13.7	13	31	7	63	.1	-22	44	.92	.60	.033	-	15	63	68	90	64	153	261
	Acc	.63	.81	.75	.63	.37	.37	.61	.62	.49	.27	.27	.30	.28	.24	.43	.40	17	.44	.43		.48	.41	.42	.40	-	32						
%	Rank	1	2	45	40	20	35	85	70	25	95	75	45	90	25	10	20		45	70	65	50	15	45	80			40	20	40	20	25	25

Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

7AN689 G A R INCENTIVE





KOUPALS B&B IDENTITY SIRE: MILL BRAE IDENTIFIED 4031 MILL BRAE PRO BLACKCAP 1092 GARDENS CACHE DAM: GAR CACHE 358S GAR PROPHET 374

AAA: 20051660 DOB: 04/29/20 TAT: N5400



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INCENTIVE offers an outcross option for those interested in attaining significant carcass quality premiums.

- He offers a 'value incentive' like few can and his offspring ٥ will excel in grid-based marketing scenarios.
- ٥ Balanced for Calving Ease and growth, INCENTIVE simplifies the quest for 'new and different' carcass genetics.

From Gardiner Angus Ranch, Messer Cattle LLC and Nick Messer, KS; Howard Messer and Lowell Messer, MO

GENETICS
MPI/%
166/4
QPI/%
178/1
R0I / %
308/1

EPDs as of	EPDs as of 11/01/22 Production CED BW WW YW RADG DMI EPD 9 0 73 142 .33 1.70															Ν	latern	al				Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	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	73	142	.33	1.70	.6	.56	18	.57	.52	1.08	.30	11.7	8	29	-	61	.5	-20	67	1.64	1.17	.027	-	-	67	73	117	106	223	356
Acc	.34	.49	.41	.37	.31	.31	.51	.49	.45	.26	.26	.23	.26	.23	.31	.32	-	.36	.39		.41	.38	.38	.35	-	-						
% Rank	30	25	20	10	4	90	45	70	55	80	70	50	10	55	55	30		55	40	60	10	1	2	70			40	15	4	1	1	1

7AN389 G A R SURE FIRE





- Here is a SURE FIRE choice for calving ease, nice females and significant carcass improvement.
- Used heavily in commercial heifer programs, SURE FIRE's \Diamond ability to boost value as a service sire has improved profit for ranchers throughout the country.
- ٥ With more than 1,900 daughter records and 300 actual carcass records, no other proven calving ease and high marbling sire even comes close to SURE FIRE.
- Appropriately named, SURE FIRE is a no miss sire for ٥ added value.

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

Daughter, Myers Angus, KY

MYTTY IN FOCUS SIRE: CONNEALY IN SURE 8524 ENTREENA OF CONANGA 657 GAR NEW DESIGN 5050 DAM: CHAIR ROCK 5050 GAR 8086 CHAIR ROCK GRID MAKER 2107



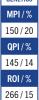


Daughter, EZ Angus Ranch, CA

Daughter, Goode Angus, TX

EP	Ds as of	11/0	1/22		Pr	oduct	ion										Ν	Natern	al			(Carcas	S		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	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	56	107	.27	.81	.4	2.26	26	.58	.45	80	.13	9.2	7	29	398	37	.0	-9	47	1.29	.69	.026	95	1683	63	67	97	83	180	296
	Acc	.93	.97	.96	.95	.82	.82	.96	.95	.93	.86	.86	.66	.79	.84	.90	.90	1920	.87	.88		.87	.86	.84	.86	299	4695						
4	% Rank	15	25	60	50	30	45	60	1	15	85	30	10	1	75	65	30		75	75	35	40	3	35	70			40	25	30	3	10	10





\$25

7AN560 G A R QUANTUM



- Use QUANTUM to not only take advantage of exceptional carcass merit, but also to create big bodied, high performing, eye-appealing calves.
- His sons and daughters have topped sales across the country because of their combination of powerful phenotype and exceptional EPDs.
- He is a breed leader for both DOC and PAP.
- QUANTUM is a proven calving ease sire creating high value sons and daughters with above average feet.

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

METHOD GENETICS MPI/% 149/21 QPI/% 150/10 ROI/% 269/13

station (* 1875) 🔹 😵 🔹 😵

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

5526

T



AAA: 18636059







Daughter, Edisto Pines, SC

Daughter, Daltons on the Sycamore, VA

E	EPDs as of 11/01/22 Production CED BW WW YW RADG DM EPD 12 1.3 73 134 .29 1.5																N	latern	al			(Carcas	s		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	12	1.3	73	134	.29	1.55	.8	1.54	27	.48	.51	96	.68	9.1	6	33	33	75	.8	-29	58	.97	1.31	019	9	480	61	73	100	80	180	294
	Acc	.82	.94	.91	.87	.48	.48	.92	.90	.85	.70	.70	.33	.54	.48	.63	.50	68	.55	.60		.65	.61	.58	.61	19	1289						
_	% Rank	15	55	20	15	15	90	20	15	10	45	60	10	75	75	75	15		30	15	85	20	15	1	15			45	10	25	4	10	10



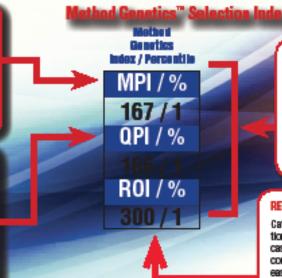
The Method Genetics index values are derived from Method Genetics EPDs combined with industry-focused economic weightings. The Method EPDs are generated from a multi-trait, 'single-step' genetic evaluation that uses performance measures, ancestral pedigree, and available DNA genotypes. This single-step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

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, helfer 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 feediot 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 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, caving ease, maternal genetic merit, growth throughout the catt's lifetime, and quality based carcass merit in an Angus-based herd. The ROI is reported in doilars per calf produced in the herd, and consolidates the sub-indexes of MPI and QPI.

P.O. Box 8802 / Saint Joseph, MO 64508 / www.MethodGenetics.com Saily Northcutt, Ph.D. • Email: snorthcutt@methodgenetics.com Bill Bowman • Email: bbowman@methodgenetics.com

14AN545 DEER VALLEY WALL STREET









Son, Yon Family Farms, SC



Daughter, Deer Valley Farms, TN

EPDs as of	11/0	1/22		Pr	oducti	ion										Μ	latern	al			0	Carcas	s		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	7	0.6	77	146	.29	1.97	.0	.80	14	.49	.44	1.20	.91	15.3	7	27	16	66	.3	-22	66	.94	.56	.074	1	101	79	73	116	61	177	309
Acc	.66	.91	.88	.79	.48	.48	.80	.77	.70	.68	.67	.32	.46	.46	.55	.48	44	.59	.63		.54	.49	.49	.49	1	214						
% Rank	45	35	10	5	15	95	90	55	65	45	25	55	95	15	65	40		40	50	65	10	15	50	95			10	10	10	20	10	4

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

Open camera. Scan code. Click to learn more.



AAA: 18827829 DOB: 01/23/17 TAT: 71128 BASIN PAYWEIGHT 006S SIRE: BASIN PAYWEIGHT 1682 21AR 0 LASS 7017 PLATTEMERE WEIGH UP K360 DAM: DEER VALLEY RITA 36113 DEER VALLEY RITA 9457

- WALL STREET is a true beef sire with tremendous depth of body and thickness throughout. He is easily one of the most physically impressive sires in our lineup.
- WALL STREET posts a very strong EPD package backed with progeny proof. He blends all the components to drive his \$M and \$C ranking to the top of the breed.
- WALL STREET daughters are proving to be productive, highly maternal females with excellent brood cow type.

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

7AN594 WILKS REGIMENT 9035







 REGIMENT continues to be a customer satisfaction sire for his consistent phenotype, elite EPDs and marketability of his offspring.

- With numerous recorded offspring, REGIMENT ranks in the top 1% for seven different traits or indexes.
- REGIMENT is the only sire with his accuracy and level of CE, WW and YW! Few sires can claim they start elite and remain there!
- His offspring continue to top sales and generate value. REGIMENT sires long, extended and attractive cattle with added frame.

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

CONNEALY CAVALRY 1149 SIRE: WAR CAVALRY B063 Z044 WAR CC&7 Z044 X029 VAR EMPIRE 3037 DAM: VINTAGE CHLOE 6137 VAR CHLOE 2227



AAA: 19401188

DOB: 01/08/19







Daughter, 4 Sons Farm, KY

Daughter, JAC's Cattle Ranch, AR

\$40

METHOD

MPI/%

150/20

QPI/%

161/4

ROI/%

279/7

EPDs as of	11/0	1/22		Pr	oduct	ion										Ν	laterr	al			(Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADO	i DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/D	t MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	10	0.7	90	170	.36	2.11	1.0	1.36	16	.57	.56	1.28	.65	14.1	12	30	-	119	1.2	-48	89	.82	1.19	023	2	53	59	80	139	71	211	333
Acc	.72	.91	.86	.66	.37	.37	.76	.71	.56	.44	.41	.22	.25	.18	.30	.30	-	.41	.41		.50	.44	.44	.43	2	84						
% Rank	25	40	2	1	1	95	10	20	55	80	85	55	70	25	15	25		3	2	95	1	20	1	15			50	4	1	10	1	1

7AN703 FREYS HOME TOWN BELIEVER



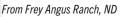
GAR ASHLAND SIRE: GAR HOME TOWN CHAIR ROCK SURE FIRE 6095 YOUNG DALE BELIEVE 46B DAM: FAR PRINCESS 7702 FAR PRINCESS 250A







- BELIEVER is a powered up son of 7AN580 HOME TOWN offering exceptional growth and phenotype while still maintaining an elite rank for \$B and \$C.
- He offers fresh and outcross genetics on the bottom side of his pedigree. His dam has produced four pen carload bulls for Frey Angus and his grandam has produced nine.
- If you appreciate eye catching phenotype and want to add end-product merit into your herd, this sire will make you a "BELIEVER".





EPDs as of	11/0	1/22		Pr	oduct	ion										Μ	laterna	al			(Carcas	S		С	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	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	86	152	.29	1.76	.8	.37	16	.50	.49	93	.53	10.0	3	21	-	80	.3	-25	66	1.59	1.06	.006	-	-	63	73	104	104	208	333
Acc	.35	.55	.48	.43	.34	.34	.46	.48	.36	.29	.29	.27	.31	.23	.28	.30	-	.36	.39		.42	.39	.38	.36	-	-						
% Rank	70	80	3	3	20	95	25	80	60	50	55	10	50	75	95	85		30	60	75	15	1	4	40			50	15	15	1	1	1

 Fail 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal: HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 MH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229



7AN531 MOGCK ENTICE







ENTICE has exceptional phenotypic presence in a growth oriented, mid 6 frame package and is one of our best for \$B and \$C.

- ٥ He consistently sires increased performance with stout calves who are good structured with added power, depth of body and thickness.
- You should be ENTICEd to use him because of his elite growth, end-٥ product, foot quality and breed leading docility.

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

SYDGEN EXCEED 3223 **SIRE:** SYDGEN ENHANCE SYDGEN RITA 2618 MOGCK SURE SHOT 253 DAM: MOGCK ERICA 2255 MOGCK ERICA 2162



AAA: 18952921

DOB: 01/31/17

Son. Bledsoe Farms, OK



performance creating more dollars on sale day. Most cattle sell by the

He is a big outlined, larger framed sire with exceptional body length

With elite rankings for \$W, \$F, \$B and \$C, YELLOWSTONE provides



Daughter, Predestined Catte Co., GA

pound and YELLOWSTONE will add pounds!

pounds from weaning to the rail.

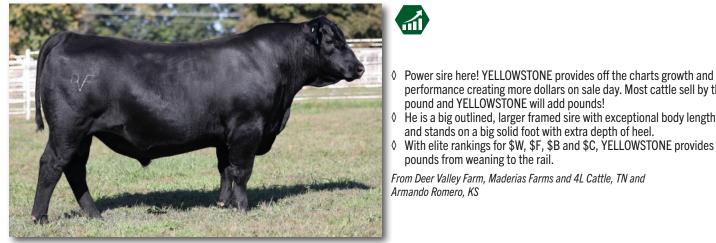
and stands on a big solid foot with extra depth of heel.

Daughter, Hoover Angus Farm, IA

E	PDs as of	11/0	1/22		Pr	oduct	ion										Ν	<i>l</i> latern	al			(Carcas	s		С	U			\$Va	lue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat (Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	2	2.2	77	142	.33	1.59	.8	2.14	31	.36	.49	5.88	.11	12.0	-8	32	48	80	.5	-31	59	.90	.76	036	10	356	62	80	102	70	172	285
	Acc	.82	.95	.94	.91	.51	.51	.90	.90	.86	.81	.80	.36	.73	.60	.72	.64	174	.64	.70		.64	.60	.58	.60	18	1050						
	% Rank	85	75	10	10	3	90	20	2	3	10	50	95	1	45	95	15		25	35	85	20	15	25	5			45	4	20	10	10	10

7AN699 DEER VALLEY YELLOWSTONE 0106





BASIN PAYWEIGHT 1682 SIRE: DEER VALLEY GROWTH FUND DEER VALLEY RITA 36113 GAR PROPHET DAM: DEER VALLEY BLACKBIRD 4765 VAR BLACKBIRD 1218





EPDs as of 11/01/22 Production Maternal C U \$Value Carcass CED BW WW YW RADG DMI DOC Claw Angle PAP HP CEM Milk Hd/Dt MW MH \$EN CW Marb Grp/Pg Grp/Pg \$M \$F \$6 EPD 3 2.9 103 186 .34 2.50 1.6 .57 18 .51 .35 .84 .89 11.8 15 33 97 1.1 -39 100 .60 .83 .017 84 96 141 53 194 336 Acc .35 .51 .44 .39 .33 .33 .45 .47 .36 .32 .32 .29 .32 .26 .33 .33 .38 .41 .41 .38 .37 .34 % Rank 80 55 55 2 95 50 20 60 10 40 1 85 1 2 95 70 4 40 95 55 10 15 4 1 1 1 2 1 1

7AN623 CRAWFORD GUARANTEE 9137









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

- With over 800 recorded birthweights, GUARANTEE has improved for both CE and BW, while still offering elite growth.
- GUARANTEE offers all the traits cattlemen demand, cattle that are unassisted at birth, grow fast and are
 easy to handle. He is a go-to sire for docility.
- GUARANTEE does a lot of things right. Study the support photos close and see the tremendous phenotype, added length, volume and shape he offers.

From Schooley Cattle Co., IA



Son, Cardinal Cattle Company, IL

Daughter, Cardinal Cattle Company, IL



Daughter, Bob Jon Farm, IL

EPDs as o	f 11/0	1/22		Pr	oducti	ion										N	latern	al			(Carcas	s		C	U			\$Va	alue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	13	0.2	77	149	.33	1.92	.3	1.13	29	.60	.52	2.42	.60	12.3	8	34	-	57	2	-21	60	.62	.55	.012	-	5	78	80	109	51	159	284
Acc	.71	.90	.85	.62	.39	.39	.63	.59	.55	.39	.39	.24	.28	.25	.30	.32	-	.42	.42		.48	.39	.40	.38	-	9						
% Rank	10	30	10	4	3	95	70	30	10	90	70	80	60	40	55	10		55	90	65	15	40	55	50			10	4	15	40	20	15

 Fall 2022 Angus Breed Average EPDs
 Production:
 CED: 6
 BW: 1.2
 WW: 59
 YW: 105
 RADG: .24
 DMI: .91
 YH: .5
 SC: .80
 DOC: 17
 CLAW: .50
 ANGLE: .49
 PAP: 1.22
 HS: .56

 Maternal:
 HP: 11.4
 CEM: 8
 MILK: 26
 MW: 56
 HH: .3
 \$EN: -16
 Carcass:
 CW: 42
 MARB: .53
 RE: .56
 FAT: .012
 \$M: 55
 \$F: 85
 \$G: 46
 \$B: 132
 \$C: 229

7AN701 DALEBANKS DIFFERENCE 0825





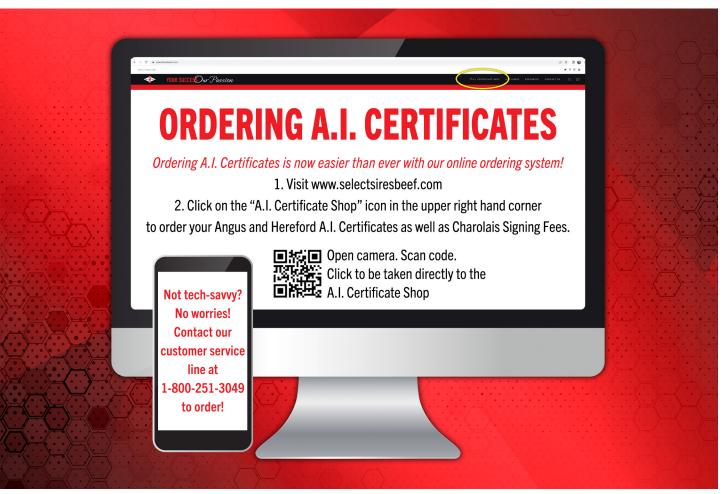
CONNEALY HEAT 0243 SIRE: CONNEALY COOL 39L JMC JEENA ALLIE 8345 5399 **KM BROKEN BOW 002** DAM: ENAMEL 8426 OF DALEBANKS **ENAMEL 4417 OF DALEBANKS** AAA: 20027031 DOB: 08/31/20 TAT: 0825

He should moderate mature frame, improve daughter fertility, docility and claw shape, all while maintaining carcass merit.

He stems from a long line of highly fertile, sounduddered, long-lasting cows from our popular Enamel cow family. For folks serious about improving foundation traits without sacrificing end-product merit, this bull could make a difference.

Matt Perrier, Dalebanks Angus

E	PDs as of	11/0	1/22		Pr	oduct	ion										N	latern	al			(Carcas	s		С	U			\$Va	alue		
		CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
	EPD	16	-1.7	55	99	.25	.42	.3	.65	29	.38	.48	08	.40	16.5	13	34	-	17	.0	-3	48	.74	.99	001	-	-	97	69	100	63	163	308
	Acc	.37	.54	.46	.42	.30	.30	.51	.48	.45	.36	.36	.23	.31	.26	.31	.33	-	.40	.43		.42	.38	.38	.35	-	-						
-	% Rank	1	5	70	70	50	15	80	65	10	10	50	20	25	10	10	10		95	85	20	50	35	10	35			1	20	20	20	20	4

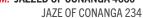


7AN473 CONNEALY LEGENDARY 644L MCC DAYBREAK



AAA: 18534952 DOB: 01/23/16 TAT: 644L SIRE: QUAKER HILL RAMPAGE 0A36 QHF BLACKCAP 6E2 0F4V16 4355

MORGANS DIRECTION 111 9901 DAM: JAZZED OF CONANGA 4660



- I High customer satisfaction is making him LEGENDARY
- LEGENDARY is a carcass merit rock star ranking near the top of the breed for ٥ Marbling, REA, \$B and \$C. He has over 800 progeny with ultrasound records that are ratioing 110 for IMF and 102 for REA.

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Onen camera Scan code.

Click to

learn more.

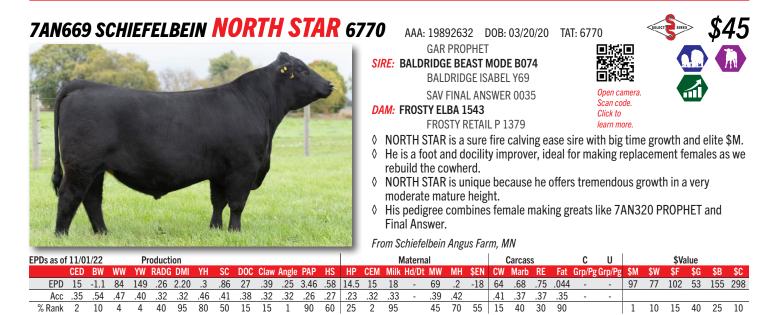
He is an excellent choice for heifer projects, as he is consistently one of our high fertility sires in timed A.I. projects.

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

EPDs as of	11/0	1/22		Pr	oducti	on										Ν	laterna	al			(Carcas	s		С	U			\$Va	lue		
	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	8	9	72	117	.23	.98	.4	.77	11	.50	.56	1.65	.86	12.6	7	27	105	69	.0	-23	52	1.21	1.02	021	5	340	62	80	92	87	179	294
Acc	.86	.95	.93	.90	.61	.61	.90	.89	.84	.72	.72	.35	.48	.61	.77	.73	335	.70	.57		.68	.65	.61	.65	27	945						
% Rank	40	15	20	35	60	55	60	55	75	50	85	65	95	40	65	40		40	75	70	30	4	5	15			45	4	35	2	10	10

7AN432 BARSTOW BANKROLL B73 AAA: 18036327 DOB: 02/14/14 TAT: B73 SITZ DASH 10277 ■紀:■ SIRE: BARSTOW CASH **BARSTOW QUEEN W16** Open camera **CAR EFFICIENT 534** Scan code. DAM: BARSTOW MISS DIANNA Z25 Click to **BARSTOW MISS DIANNA X128** learn more BANKROLL is a high customer satisfaction sire and sales leader that has stood the test of time. He is unbeatable in siring calves that come unassisted, have excellent vigor, grow fast and stand out phenotypically. He offers proven Calving Ease without sacrificing muscle and performance. ٥ His daughters are right sized with a lot 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 11/01/22 Production Maternal Carcass С U \$Value

	CED	BW	WW	YW	RADG	DMI	YH	SC	DOC	Claw	Angle	PAP	HS	HP	CEM	Milk	Hd/Dt	MW	MH	\$EN	CW	Marb	RE	Fat	Grp/Pg	Grp/Pg	\$M	\$W	\$F	\$G	\$B	\$C
EPD	13	-2.1	57	117	.30	1.35	2	1.16	25	.54	.49	1.14	.61	14.9	9	25	154	82	1	-28	52	.48	.66	.008	12	249	55	55	104	46	150	250
Acc	.86	.95	.93	.89	.65	.65	.88	.86	.76	.53	.52	.42	.42	.40	.79	.80	436	.65	.66		.68	.65	.61	.64	28	626						
% Rank	10	4	60	35	10	80	95	30	20	70	50	50	65	20	45	55		25	85	80	30	55	35	45			65	55	20	50	30	35



Fall 2022 Angus Breed Average EPDs Production: CED: 6 BW: 1.2 WW: 59 YW: 105 RADG: .24 DMI: .91 YH: .5 SC: .80 DOC: 17 CLAW: .50 ANGLE: .49 PAP: 1.22 HS: .56 Maternal: HP: 11.4 CEM: 8 MILK: 26 MW: 56 MH: .3 \$EN: -16 Carcass: CW: 42 MARB: .53 RE: .56 FAT: .012 \$M: 58 \$W: 55 \$F: 85 \$G: 46 \$B: 132 \$C: 229

ALL ANGUS SIRES AVAILABLE

ANGUS - Sorted by Name

Andoo	- Sortea by I	anio	ш	щ		(Έ	B۱	N	W١	N	۲۱	N	RA	DG	D	MI	Y	H	S	С	D	C	CL	AW	AN	GLE
Code No.	Reg No.	Code Name	PAGE	PRICE	+	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD		EPD	Acc	EPD		EPD		EPD	Acc	EPD			Acc
7AN591	19388669	ABUNDANCE	-	35	YES	10	.50	0.7	.76	84	.70	132	.53	.20	.40	1.61	.40	.5	.62	.13	.49	24	.49	.53	.41	.49	.43
14AN461	17972810	ACCLAIM	-	35	YES	5	.90	1.2	.97	71	.96	141	.94	.36	.71	1.34	.71	1.0	.94	02	.93	13	.90	.48	.83	.49	.83
7AN758	20255076	APEX	17	50	NO	13	.32	-1.8	.47	71	.40	127	.35	.26	.29	1.46	.29	.3	.51	1.39	.48	37	.44	.57	.25	.57	.25
14AN515	18693041	BALANCE	-	25	NO	8	.46	2.5	.83	83	.76	146	.67	.26	.41	2.22	.41	.6	.63	.54	.66	8	.48	.42	.40	.41	.39
7AN432	18036327	BANKROLL	45	35	YES	13	.86	-2.1	.95	57	.93	117	.89	.30	.65	1.35	.65	2	.88	1.16	.86	25	.76	.54	.53	.49	.52
7AN703	20113887	BELIEVER	41	40	YES	4	.35	2.4	.55	86	.48	152	.43	.29	.34	1.76	.34	.8	.46	.37	.48	16	.36	.50	.29	.49	.29
7AN521	18876777	BLUEPRINT	33	50	YES	8	.82	0.6	.94	70	.93	127	.89	.29	.44	1.17	.44	.0	.88	.53	.87	19	.84	.48	.74	.49	.73
7AN480	18624785	BONANZA	-	30	YES	7	.74	1.7	.91	74	.88	124	.82	.25	.53	.86	.53	.0	.84	.09	.79	11	.79	.40	.62	.46	.60
7AN538	17894794	BRAGGING RIGHTS	-	N/A	YES	12	.74	9	.90	70	.87	128	.81	.26	.44	1.65	.44	.2	.86	1.03	.83	28	.73	.53	.47	.47	.46
14AN590	19469706	BRIGADE	11	N/A	NO	9	.48	-1.2	.82	75	.77	144	.60	.31	.40	1.84	.40	.6	.66	.99	.52	13	.52	.45	.43	.51	.43
7AN736	20102244	BRUNSWICK	32	40	NO	10	.33	0.7	.54	86	.47	141	.42	.24	.31	1.71	.31	.3	.43	1.38	.48	32	.44	.39	.33	.46	.34
7AN725	20152901	CAMERON	28	40	NO	11	.35	0.1	.53	82	.42	147	.37	.28	.32	1.92	.32	.8	.43	1.13	.40	12	.35	.45	.29	.48	.29
7AN542	18943322	COMBUSTION	-	50	YES	8	.70	1.7	.89	76	.85	139	.79	.32	.47	1.28	.47	.6	.86	1.08	.82	19	.70	.63	.46	.49	.43
7AN525	18875915	COMPOUND	37	35	YES	18	.63	-3.0	.81	62	.75	115	.63	.28	.37	.67	.37	.1	.61	.51	.62	23	.49	.63	.27	.54	.27
7AN368	17031465	COMRADE	-	30	YES	17	.92	-3.5	.97	46	.96	90	.94	.25	.67	.37	.67	4	.94	.16	.94	36	.91	.59	.82	.51	.81
7AN517	17879330	COUNSELOR	-	35	YES	10	.69	-0.6	.89	62	.85	117	.78	.27	.41	1.25	.41	.3	.70	1.64	.73	26	.66	.50	.51	.80	.49
7AN625	19600071	COUNTY LINE	-	35	NO	4	.38	1.7	.55	89	.48	158	.43	.34	.35	1.58	.35	.6	.52	1.36	.49	22	.46	.54	.30	.45	.30
7AN697	19824135	COUNTY ROAD	18	40	NO	14	.37	-1.0	.53	76	.46	129	.41	.24	.30	1.37	.30	.5	.50	.90	.47	31	.34	.54	.34	.46	.34
14AN553	19256275	COWBOY LOGIC	-	40	YES	15	.68	-0.7	.85	63	.83	115	.76	.29	.42	.65	.42	.3	.78	.58	.74	2	.73	.44	.63	.37	.63
7AN743	20132505	CRAFTSMAN	8	75	YES	8	.36	1.6	.56	83	.48	145	.44	.29	.32	1.43	.32	.8	.47	.68	.42	25	.45	.38	.36	.40	.36
7AN701	20027031	DIFFERENCE	44	40	YES	16	.37	-1.7	.54	55	.46	99	.42	.25	.30	.42	.30	.3	.51	.65	.48	29	.45	.38	.36	.48	.36
7AN624	19123898	DUAL THREAT	24	35	YES	12	.73	-0.2	.89	69	.84	128	.66	.27	.42	1.31	.42	.7	.80	1.31	.73	26	.59	.49	.45	.39	.42
7AN617	19551197	ENDEAVOR	34	30	YES	16	.50	-2.2	.71	82	.59	153	.50	.29	.35	1.99	.35	.4	.47	1.25	.38	18	.34	.42	.28	.52	.28
14AN503	18402687	ENGAGE	-	35	NO	13	.55	0.2	.82	64	.77	108	.64	.18	.39	1.06	.39	2	.51	1.01	.59	26	.61	.46	.28	.46	.28
7AN531	18952921	ENTICE	42	45	YES	2	.82	2.2	.95	77	.94	142	.91	.33	.51	1.59	.51	.8	.90	2.14	.90	31	.86	.36	.81	.49	.80
7AN610	19379914	FINAL DECISION	-	N/A	NO	5	.37	2.6	.63	82	.50	156	.43	.36	.33	1.64	.33	1.1	.56	.84	.49	28	.36	.54	.27	.50	.27
7AN579	20370357	FIREPROOF	16	65	NO	15	.31	0.2	.43	72	.38	146	.34	.38	.31	1.38	.31	.6	.47	1.24	.45	26	.34	.55	.26	.43	.26
7AN735	19581696	GIBSON	15	40	YES	9	.60	0.1	.81	76	.73	137	.70	.27	.42	1.91	.42	.3	.72	.97	.63	19	.50	.24	.36	.35	.35
7AN723	19971596	GOOD NEWS	28	40	YES	13	.33	0.5	.52	83	.44	157	.35	.33	.28	2.30	.28	1.1	.44	1.21	.38	19	.30	.43	.22	.35	.22
7AN753	19860277	GRAND CANYON	31	55	YES	9	.36	0.0	.59	60	.49	108	.37	.23	.32	1.06	.32	.1	.43	1.30	.48	17	.45	.23	.32	.40	.32
7AN528	18827828	GROWTH FUND	7	45	YES	9	.87	1.2	.97	91	.96	169	.93	.35	.57	2.07	.57	.6	.93	.83	.92	22	.89	.46	.83	.47	.82
7AN623	19526770	GUARANTEE	43	50	YES	13	.71	0.2	.90	77	.85	149	.62	.33	.39	1.92	.39	.3	.63	1.13	.59	29	.55	.60	.39	.52	.39
7AN684	19829215	GUARD RAIL	19	35	YES	13	.42	-2.4	.71	73	.48	122	.44	.24	.34	1.10	.34	.2	.46	1.03	.49	17	.45	.44	.35	.45	.35
7AN700	19862896	HERO	24	55	NO	5	.34	2.6	.48	74	.41	137	.37	.26	.33	1.99	.33	.7	.51	.74	.49	21	.45	.43	.29	.44	.29
7AN580	19266718	HOME TOWN	6	50	YES	14	.88	-0.5	.96	61	.94	116	.89	.27	.68	1.14	.68	.2	.93	.84	.91	20	.85	.60	.79	.47	.78
7AN689	20051660	INCENTIVE	38	45	YES	9	.34	0.0	.49	73	.41	142	.37	.33	.31	1.70	.31	.6	.51	.56	.49	18	.45	.57	.26	.52	.26
7AN698	19415015	IRON HORSE	20	55	NO	12	.70	0.6	.85	83	.77	153	.63	.37	.37	1.33	.37	.7	.72	.93	.65	27	.38	.46	.30	.35	.31
7AN688	19836564	JUSTICE	35	35	YES	11	.40	-0.3	.64	67	.54	129	.42	.28	.32	1.49	.32	.2	.47	1.70	.48	25	.36	.24	.29	.34	.29
7AN550	18543644	KNOW HOW	-	55	YES	0	.60	3.0	.92	61	.89	130	.84	.35	.39	1.32	.39	.7	.84	<mark>1.89</mark>	.83	13	.74	.34	.66	.29	.63
7AN473	18534952	LEGENDARY	45	N/A	NO	8	.86	-0.9	.95	72	.93	117	.90	.23	.61	.98	.61	.4	.90	.77	.89	11	.84	.50	.72	.56	.72
7AN544	18770757	MAIN STREET	-	N/A	YES	9	.47	1.1	.74	76	.66	134	.54	.24	.42	1.88	.42	.3	.64	1.26	.50	33	.37	.64	.25	.53	.25
7AN618	19566408	MARVEL	30	75	YES	3	.36	2.7	.68	62	.56	111	.37	.30	.28	.09	.28	.5	.43	.08	.33	3	.30	.59	.20	.57	.20
7AN392	17354145	MOMENTUM	-	35	YES	14	.86	0.1	.94	55	.93	100	.90	.23	.63	.94	.63	.2	.94	03	.92	27	.91	.45	.72	.45	.72

AAA EPDs as of 11/01/22 🗾 = top 35 percent of the breed RED TEXT = semen available, but sire is not listed in directory 🌞 = Canadian availability

PA	۱P	H	S	Н	P	CE	М	MII	K	M۱	N	М	H	\$EN	C		MA		RE		FA		\$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						
2.19	.28	.53	.32	9.8	.33	10	.35	30	.35	48	.43	.4	.46	-15	52	.50	1.58	.46	<mark>1.16</mark>	.45	.014	.42	85	91	73	104	177	315	196	181
44	.57	.77	.66	10.5	.67	9	.89	29	.87	140	.77	.9	.75	-57	82	.72	.73	.69	.64	.65	012	.69	26	60	145	59	203	289	122	115
<mark>-1.81</mark>	.22	.02	.27	15.7	.19	11	.25	40	.26	42	.33	.0	.36	-18	64	.41	<mark>1.45</mark>	.37	1.40	.37	.027	.35	92	87	107	100	207	360	233	212
2.99	.32	.82	.37	14.8	.31	10	.46	24	.45	69	.47	.2	.50	-21	63	.50	.32	.43	.78	.44	.006	.42	83	73	97	40	137	261	128	139
1.14	.42	.61	.42	14.9	.40	9	.79	25	.80	82	.65	1	.66	-28	52	.68	.48	.65	.66	.61	.008	.64	55	55	104	46	150	250	147	111
93	.27	.53	.31	10.0	.23	3	.28	21	.30	80	.36	.3	.39	-25	66	.42	1.59	.39	1.06	.38	.006	.36	63	73		104	208	333	214	208
2.71	.34	.72	.47	8.8	.63	5	.73	35	.67	68	.65	.2	.68	-27	53	.56	.74	.50	1.11	.50	.010	.51	57	80	103	64	167	274	185	166
1.04	.27	.29	.54	9.1	.51	8	.54	30	.50	71	.60	1	.60	-26	55	.66	.57	.62	.85	.59	011	.61	61	79	94	54	149	254	155	123
4.22	.30	.36	.34	9.7	.37	6	.65	6	.65	59	.52	.0	.51	-7	52	.74	1.04	.72	.99	.68	.000	.71	51	47	91	77	169	270	185	168
.40	.27	.66	.31	11.8	.27	13	.33	34	.35	53	.44	.3	.45	-19	71	.53	.70	.46	.92	.44	.041	.42	77	81	117	57	174	303	174	179
4.11	.23	.33	.25	13.3	.21	12	.26	26	.29	65	.35	.2	.37	-21	53	.39	<u>1.02</u>	.35	.61	.36	.027	.33	95	86	84	69	153	293	166	145
2.87	.27	.66	.31	14.2	.25	15	.31	32	.32	88	.37	.7	.39	-35	75	.40	.41	.37	.61	.37	.019	.34	73	83	114	41	155	274	82	70
1.81	.31	.21	.36	9.5	.33	8	.50	26	.39	83	.48	.8	.50	-29	65	.71	1.61	.69	.87	.65	.016	.67	54	68	108	101	209	325	222	200
1.00	.30	.80	.28	13.7	.24	13	.43	31	.40	63	.44	.1	.43	-22	44	.48	.92	.41	.60	.42	.033	.40	63	68	90	64	153	261	167	140
.28	.58	.26	.67	5.6	.77	8	.89	29	.91	-9	.84	5	.85	9	19	.76	.57	.73	.63	.70	.004	.74	68	68	70	50	120	224	121	84
1.64	.23	.22	.41	16.1	.39	4	.56	35	.55	58	.51	.2	.47	-22	57	.52	.66	.46	.89	.46	004	.45	64	68	109	58	167	281	157	128
3.43	.28	.12	.32	13.2	.27	5	.33	30	.35	96	.40	.6	.43	-37	68	.44	1.13	.38	.79	.38	032	.34	70	85	107	81	188	314	169	133
-1.67	.23	.54	.30	14.6	.26	14	.30	38	.31	15	.39	.1	.39	-4	54	.40	.70	.36	.64	.36	.063	.34	110	94	89	51	140	292	129	107
3.43	.27	.78	.56	6.8	.36	15	.37	22	.38	60	.47	.4	.48	-16	36	.51	.08	.45	.41	.46	018	.44	52	58	76	26	102	184	29	-1
24	.29	.40	.31	19.4	.28	5	.28	41	.31	44	.38	.5	.40	-19	67	.43	1.03	.39	.93	.39	.012	.37	112	94	102	75	177	342	178	181
08	.23	.40	.31	16.5	.26	13	.31	34	.33	17	.40	.0	.43	-3	48	.42	.74	.38	.99	.38	001	.35	97	69	100	63	163	308	168	159
.39	.29	.11	.46	13.0	.27	5	.35	36	.34	61	.44	.3	.45	-24	64	.64	1.22	.60	<u>1.24</u>	.58	.016	.60	74	75	118	88	205	340	211	211
1.51	.28	.61	.28	11.6	.25	12	.31	28	.32	85	.40	.6	.41	-31	68	.44	.92	.36	.53	.36	.054	.32	70	81	115	61	176	298	164	129
.39	.29	.03	.29	9.9	.28	9	.49	28	.50	8	.45	6	.45	5	38	.48	.21	.41	.66	.42	.057	.39	90	72	75	29	104	225	101	87
5.88	.36	.11	.73	12.0	.60	-8	.72	32	.64	80	.64	.5	.70	-31	59	.64	.90	.60	.76	.58	036		62	80	102	70	172	285	144	129
.44	.23	.47	.25	12.3	.18	11	.31	25	.31	92	.36	.7	.38	-33	75	.41	1.20	.37	1.28	.37	064	.34	68	68	133	94	227	362	222	243
-1.73	.24	.13	.23	10.2	.22	14	.26	39	.23	77	.29	.4	.31	-33	77	.38	2.29	.35	.96	.36	.025	.33	65	76	132	133	265	409	294	254
3.89		.21	.34	12.2	.30	7	.37	37	.37	27	.46	.0	.47	-9	62	.51					.029									173
3.50		.29	.24	16.5	.18	15	.24	30	.27	133	.33	.9	.36	_	80						.008		64						200	227
<mark>-1.00</mark>		.44	.27	10.0	.24	6	.31	32	.33	53	.35	1	.37	-18	42	.40		.37			.089		68	66	80			222	50	8
2.94		.92		10.4	.61	14	.79	32	.71	104	.66	.6	.63	-42	82	.66					.055					34			152	143
2.42		.60	.28	12.3	.25	8	.30	34	.32	57	.42	2	.42	-21	60	.48		.39			.012		78			51				129
	_	.13	.31	20.6	.28	10	.33	35	.34	40	.41	2	.42	-14	44	.43		.39			.004		104		82			291		141
10		.40	.30	9.2	.23	9	.26	25	.27	69	.34	.5	.37	-22	69		1.74				.035		66			107				204
-2.55		.22	.72	12.0	.39	13	.32	27	.31	56	.44	.2	.43		53						043		63						244	217
1.08		.30		11.7	.23	8	.31	29	.32	61	.36	.5	.39		67						.027								240	227
.10		.25	.26	9.8	.21	13	.31	27	.32	105	.41	.6	.42		64	.50				_	069								207	209
2.16		.48	.29	15.0	.26	9	.33	35	.34	50	.40	2	.42		50	.43		.38			.065		93						132	94
1.96		.71	.58	15.7	.48	11	.55	22	.43	83	.54	.6	.59	_	62		1.11				.015		64			79			183	176
1.65		.86		12.6	.61	7	.77	27	.73	69	.70	.0	.57		52						021		62	80	92			294		174
.75	.24	.67	.27	<u>13.9</u>	.21	11	.31	24	.32	61	.40	.1	.41		51	.45		.40	.51		.039			72	92			282	150	123
31	.18	.92	.22	12.3	.16	4	.23	25	.25	86	.32	.5	.35		55	.38		.32	1.04		028		35		117			258	155	135
1.63	.31	.45	.60	6.4	.78	7	.83	30	.82	53	.75	.2	.80	-17	42	.85	<mark>1.56</mark>	.84	.98	.80	.005	.83	52	61	87	101	188	296	201	176

ALL ANGUS SIRES AVAILABLE

ANGUS	- Sorted by I	Vame																									
			щ	巴	-	C	E	B۱	N	W	W	Y	W	RA	DG	D	MI	Y	Ή	S	С	D	0C	CL	AW	AN	GLE
Code No.	Reg No.	Code Name	PAGE	PRICE	T	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc
7AN595	19573709	MOVIN ON	14	40	YES	9	.64	0.3	.84	70	.77	120	.52	.20	.38	1.50	.38	.3	.64	.82	.56	27	.51	.44	.36	.41	.36
7AN695	19866645	NETWORK	26	35	NO	12	.36	0.5	.53	90	.46	167	.41	.40	.31	1.27	.31	.7	.46	.61	.47	22	.33	.54	.32	.49	.33
14AN497	18548853	NEW ADDITION	36	30	YES	14	.71	-1.6	.87	52	.83	94	.74	.25	.41	.24	.41	3	.77	.59	.75	36	.56	.48	.38	.52	.41
7AN669	19892632	NORTH STAR	45	45	YES	15	.35	-1.1	.54	84	.47	149	.40	.26	.32	2.20	.32	.3	.46	.86	.41	27	.38	.39	.32	.25	.32
7AN718	20106934	NORTHBOUND	36	40	YES	17	.35	-2.8	.54	58	.47	105	.42	.25	.32	.94	.32	1	.45	.81	.39	23	.34	.37	.27	.49	.27
7NA644	19466633	OPTIMUM	34	N/A	NO	11	.56	0.2	.84	78	.80	148	.64	.30	.41	1.81	.41	.5	.60	.54	.66	20	.68	.57	.37	.49	.38
14AN686	19847979	PATENT	37	40	YES	15	.36	-1.6	.55	70	.48	121	.43	.24	.34	1.27	.34	.4	.46	1.22	.49	24	.45	.54	.34	.57	.34
7AN510	18675107	PEYTON	26	40	YES	11	.77	2.1	.93	95	.90	168	.84	.33	.46	1.67	.46	1.2	.88	.44	.83	16	.76	.54	.70	.50	.69
7AN463	18414912	PLAYBOOK	18	45	YES	12	.89	-0.2	.97	61	.95	104	.93	.20	.48	.97	.48	.0	.93	.99	.93	26	.86	.51	.78	.43	.77
7AN696	19668501	POWER ON	-	35	YES	10	.35	0.3	.56	75	.49	133	.44	.30	.34	1.17	.34	.1	.53	.84	.51	27	.37	.46	.37	.47	.38
7AN560	18636059	QUANTUM	39	35	YES	12	.82	1.3	.94	73	.91	134	.87	.29	.48	1.55	.48	.8	.92	1.54	.90	27	.85	.48	.70	.51	.70
7AN466	18578963	RAINFALL	-	N/A	YES	8	.91	0.3	.97	56	.96	106	.93	.27	.55	.77	.55	4	.91	.92	.92	13	.88	.34	.80	.40	.79
7AN594	19401188	REGIMENT	41	45	YES	10	.72	0.7	.91	90	.86	170	.66	.36	.37	2.11	.37	1.0	.76	1.36	.71	16	.56	.57	.44	.56	.41
7AN738	20128929	RIVAL	9	40	YES	6	.36	2.2	.55	94	.48	163	.44	.29	.34	2.00	.34	1.0	.52	.54	.49	18	.36	.37	.30	.43	.30
14AN534	18917471	RUSSELL	-	35	YES	15	.42	-2.5	.63	61	.55	120	.49	.29	.36	1.44	.36	.5	.59	1.51	.53	28	.47	.41	.28	.39	.28
7AN683	19705988	SAFE & SOUND	35	35	YES	16	.51	-1.8	.70	74	.52	130	.40	.25	.33	1.67	.33	.3	.47	.85	.42	11	.37	.41	.29	.48	.30
7AN757	20336998	SALUDA	17	45	NO	9	.36	0.9	.56	84	.49	147	.45	.30	.34	1.49	.34	.5	.53	1.87	.51	15	.38	.37	.39	.36	.34
7AN589	19418336	SILVERADO	32	N/A	NO	8	.45	1.0	.77	73	.70	135	.58	.26	.39	1.79	.39	.2	.50	.27	.60	17	.36	.40	.44	.36	.45
7AN511	17841616	SPUR	-	30	YES	13	.65	0.4	.84	77	.80	132	.73	.27	.38	1.05	.38	.7	.68	1.06	.57	23	.47	.57	.42	.48	.43
7AN607	19479475	STAGECOACH	12	40	NO	12	.45	0.3	.72	93	.64	149	.49	.28	.38	1.56	.38	.3	.51	1.06	.53	15	.40	.43	.27	.44	.27
7AN737	20085208	STATESMAN	10	60	YES	8	.36	0.1	.51	89	.44	168	.37	.33	.30	2.36	.30	1.0	.43	.87	.39	21	.34	.47	.28	.34	.28
7AN691	19430597	STEP UP	23	55	NO	8	.60	2.0	.85	76	.79	134	.48	.29	.36	1.37	.36	.6	.60	1.57	.56	27	.46	.38	.35	.26	.35
7AN361	16933958	SUNRISE	-	35	YES	7	.87	2.0	.96	67	.94	116	.92	.24	.67	1.18	.67	.5	.95	36	.94	23	.92	.41	.77	.51	.76
7AN389	17328461	SURE FIRE	38	25	YES	12	.93	0.1	.97	56	.96	107	.95	.27	.82	.81	.82	.4	.96	2.26	.95	26	.93	.58	.86	.45	.86
14AN502	17817177	TAHOE	13	N/A	NO	10	.91	0.0	.97	78	.95	134	.93	.26	.58	1.44	.58	.2	.94	1.20	.92	23	.90	.48	.83	.47	.83
7AN579	19306646	TEAMWORK	27	35	YES	12	.56	0.3	.80	98	.70	172	.60	.37	.40	1.55	.40	.7	.75	.34	.68	24	.47	.59	.43	.45	.43
2AN604	19476453	TOP CUT	21	40	YES	11	.63	0.9	.85	75	.79	129	.57	.27	.38	1.30	.38	.3	.69	1.58	.63	29	.48	.42	.48	.48	.44
7AN629	19570738	TRASCENDENT	22	50	YES	13	.56	0.8	.84	70	.73	125	.38	.26	.35	1.40	.35	.4	.72	.06	.59	24	.45	.57	.28	.43	.27
7AN464	18429666	UNIQUE	-	35	NO	7	.77	0.6	.93	72	.91	133	.87	.29	.52	1.40	.52	.4	.87	.46	.84	18	.83	.48	.70	.41	.69
7AN642	19699322	VERACIOUS	25	40	NO	7	.50	0.9	.78	87	.56	154	.45	.31	.34	1.77	.34	.8	.54	.00	.50	22	.44	.43	.31	.46	.35
14AN545	18827829	WALL STREET	40	55	YES	7	.66	0.6	.91	77	.88	146	.79	.29	.48	1.97	.48	.0	.80	.80	.77	14	.70	.49	.68	.44	.67
7AN600	19544206	WOLVERINE	12	35	YES	14	.50	-2.3	.70	69	.57	107	.43	.16	.33	1.07	.33	.0	.47	.01	.39	19	.36	.37	.29	.38	.29
7AN518	18082928	XCEPTIONAL	-	40	YES	8	.70	0.9	.85	76	.81	144	.70	.36	.46	1.09	.46	.5	.77	.85	.72	27	.48	.65	.34	.47	.35
7AN699	19659010	YELLOWSTONE	42	50	NO	3	.35	2.9	.51	103	.44	186	.39	.34	.33	2.50	.33	1.6	.45	.57	.47	18	.36	.51	.32	.35	.32





AAA EPDs as of 11/15/21 = top 35 percent of the breed RED TEXT = semen available, but sire is not listed in directory rel = Canadian availability Individual sire performance data is listed on pages 94-95.

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P/		Н	S	H	P	CE	Μ	MII	K	M		Μ		\$EN		W	MA		RE		FA			\$W		\$G		· ·	\$AxH	
	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD			Acc				EPD				EPD					EPD			EPD	EPD
88	.26	.37	.26	13.3	.25	12	.33	21	.33	70	.39	.5	.40	-20	56	.45	1.05	.37	.74	.39	.031	.36	75	64	95	72	166	290	167	147
4.41	.22	.21	.40	9.9	.18	12	.26	38	.27	117	.35	.8	.37	-51	94	.39	1.21	.35	1.22	.36	.014	.33	57	90	158	87	245	375	280	280
2.56	.27	.51	.30	17.4	.31	14	.52	33	.48	12	.52	4	.56	0	34	.63	.86	.59	.76	.56	.050	.57	98	64	82		143	283	154	126
3.46	.26	.58	.27	14.5	.23	15	.32	18	.33	69	.39	.2	.42	-18	64	.41	.68	.37	.75	.37	.044	.35	97	77	102	53	155	298	167	154
-1.31	.25	.19	.28	14.2	.23	10	.26	41	.29	22	.36	4	.38	-9	34	.40	.75	.36	.90	.36	.031	.33	88	78	71		130		142	122
77	.29	.76	.32	11.5	.30	15	.36	31	.36	70	.45	.5	.46	-26	66	.51	.94	.44	.65	.44	.082	.44	71	77	119 77	61	180	304	184	174
-1.56	.25	.51	.30	19.5	.24	14	.32	22	.34	50	.39	.4	.40	-11	39	.43	.66	.39	.76	.38	005	.36	91	70	77		134	265	133	116
1.63	.26	.37	.61	13.7	.41	6	.68	32	.58	125	.52	1.1	.55	-52	88	.56	1.20	.51	.82	.51	.030	.51	59	86	139		219	343	178	175
10	.37	.97	.62	14.5	.72	17	.88	35	.87	3	.76	3	.72	3	44	.62	.50	.57	.29	.55	.045	.58	102	86	87	39	126		118	97
2.98	.27	.74	.30	13.0	.23	13	.34	24	.34	96	.38	.2	.41	-34	54	.43	1.12	.37	.72	.37	.003	.34	66	68	98	77	175	293	174	124
96	.33	.68	.54	9.1	.48	6	.63	33	.50	75 10	.55	.8	.60	-29	58 10	.65	.97	.61	1.31	.58	019	.61	61	73 50	100 50		180 100		179	186
.91	.48	.35	.55	14.0	.68	6	.78	27	.71	16	.58	5	.58	2	16	.66	.59	.62	.55 1.10	.59	.006	.62	86	59	59	50	109		92	42
1.28	.22	.65	.25	14.1	.18	12	.30	30	.30	119	.41	1.2	.41	-48	89	.50	.82	.44	1.19	.44	023	.43	59	80	139	/1		333	206	210
.49	.28	.44	.32	12.5	.27	6	.33	37	.34	96	.41	.6 7	.42	-41	75	.43	.90	.39	1.12	.39	.037	.37	78	95 50	109 70		179 121		172 99	194 82
-1.56	.27	.55 .62	.29 .29	16.4	.28 .26	14 15	.34 .33	25 32	.36 .34	77 41	.45 .39	.7	.49	-26	37 54	.44	.39 .93	.36 .38	.67 	.37	001 .043	.33 .34	75 90	58 85	78 84	42	121	232 286	99 164	ە2 151
2.03	.25 .30	.02 07	.29	14.6 19.7	.20	13	.33 .34	29	.34	41 81	.39	1	.41 .42	-13 -30	62	.43 .42	.95 1.15	.30	.86 co	.38 .38	.043	.34	90	83	04 106	67 78	151 184		104	185
91 3.72	.30	10	.54 .50	15.2	.31	9	.34 .33	30	.30	39	.40 .43	.6 3	.42	-30	52	.42	.92	.39	.83 .54	.30	.025	.30	90	83 76	88	62	150	290	119	105
2.96	.20	10 .67	.30	12.6	.27	14	.33 .45	36	.34	61	.43	3	.43	-24	55	.47	.92	.41	.34	.41	.038	.40	79	83	106	59	150		-5	26
1.74	.31	.07	.39	12.0	.24	14	.43 .30	23	.4J .32	63	.42	.1	.42	-24	64	.40	.55	.42	.30	.43	.018 019	.41	96	92	98		150	292	-5 162	135
-1.74	.24	.52	.27	17.0	.23	13	.29	28	.30	104	.35	.1	.38	-40	78	.39	.33 1.22	.35	.75	.35	.063	.31	84	83	125	79	204	349	102	204
.44	.26	.52	.36	10.7	.23	14	.31	27	.32	83	.33	.7	.30	-30	68	.49	1.34	.33	.93	.33	.0031	.40	76	70	110	88	198	333	206	197
18	.56	.32	.71	7.0	.81	8	.88	26	.88	63	.81	.4	.83	-20	43	.87	1.16	.86	.77	.84	040	.86	58	69	80	83	163	269	111	67
80	.66	.13	.79	9.2	.84	7	.90	29	.90	37	.87	.0	.88	-9	47	.87	1.29	.86	.69	.84	.026	.86	63	67	97	83	180		176	146
1.84	.46	08	.71	11.3	.76	7	.81	32	.79	45	.77	2	.81	-15	47	.72	.88	.70	.80	.66	002	.70	84	96	81	67	148	276	162	138
.66	.25	.54	.59	9.5	.23	12	.33	30	.33	128	.42	1.0	.43	-52	91	.49	.95	.43	1.14	.44	.025	.42	58	91	147	73	220	343	252	256
4.32	.26	.36	.33	18.1	.29	11	.34	27	.35	36	.44	.2	.43	-8	49	.47	1.69	.40	.95	.41	046	.40	107	77	86	111	197	363	225	192
1.59				10.5	.26	9	.30	25	.31	79	.40	.4	.44											66					256	226
2.39				14.0		8	.67	25	.63	81	.62	.6	.57																160	
2.15				12.1	.24	8	.32	35	.33	76	.39	.7	.41																255	252
	.32			15.3	.46	7	.55	27	.48	66	.59	.3	.63								.074								187	158
	.25	.41	.29	9.7	.27	3	.31	27	.33	-3	.38	5	.41		30						.015								110	98
	.33	.48	.35	10.4	.30	12	.54		.42	47	.45	.1	.46				1.03				.014			77					211	207
	.29	.89		11.8	.26	15	.33	33	.33	97	.38	1.1	.41								.017					53	194	336	131	178





INCREASING VALUE OF STEERS RELATIVE TO HEIFERS: An opportunity for "Male" Sexed Semen?

by K. G. Odde, Professor and Department Head Emeritus, Department of Animal Sciences and Industry, Kansas State University

Introduction

Sexed or gender sorted semen has now been commercially available for beef and dairy cattle in the US for several years. Most of the sexed semen sold in the U.S. is "heifer" semen used for the purpose of producing genetically superior females. USDA reported that all heifers over 500 lbs. on January 1, 2022 totaled 19.8 million head. Beef replacement heifer numbers as of January 1, 2021 totaled 5.61 million head. Since steers are more feedlot efficient and have heavier carcass weights, industry efficiency could certainly be improved by skewing the number of "commercial" heifers produced in the direction of producing more steers.

The industry has been trending in the direction of higher value for steers compared to commercial heifers for several years. Two sources of data support this statement. The trend for increasing value of steer calves compared to commercial heifers has been happening for several years (Superior Livestock Database--Table 1). Note that the price advantage for steers compared to commercial heifers was \$6.83/cwt in 1995, was \$10.68/cwt in 2010, and was \$18.47/cwt in 2021. Another data source for this question is the Focus on Feedlots program at Kansas State University. For this program, data is collected monthly from commercial feedlots in western Kansas. In Table 2, feedlot performance information is shown for the closeouts on August 2022 and August 2017. Note that for August of 2022, the average cost of gain was \$12.77/cwt higher for heifers than for steers, while the August of 2017 closeouts showed that the average cost of gain was \$5.66 higher for heifers than for steers. This is largely due to the higher price of corn (\$8.69/ bushel for August 2022 and \$3.91/bushel for August 2017). Another factor is increasing final weight. Steers can be fed to heavier final weights, have higher average daily gain, better feed efficiency and lower death loss. The increasing value of steer calves relative to heifers provides a potential opportunity to add value to the calf crop by increasing the percentage of steer calves produced.

Table 1. Value of Heifer Calves Relative to Steer Calves, Superior Livestock Data, 1995-2021

Year	Mean Base Weight (Ibs.)	Mean Price Per 100 lbs. (\$)	Price Spread Between Steer and Heifer Lots (\$/100lbs.)
1995	527	67.55	6.83
2000	540	100.06	8.00
2005	575	121.43	9.04
2010	567	118.77	10.68
2015	578	248.39	20.94
2020	580	154.22	15.81
2021	572	172.50	18.47

Table 2. Gender Performance Differences in Feeder Cattle, Focus on Feedlots, Kansas State University

Closeout Date	No. of Head	In Weight (Ibs.)	Final Weight (Ibs.)	Average Days on Feed	Average Daily Gain (Ibs./day)	Feed to Gain (dry basis)	Death Loss (%)	Average Cost of Gain/CWT
August 2022 (steers)	38,069	766	1,439	180	3.61	6.02	2.06	129.41
August 2022 (heifers)	25,912	736	1,296	169	3.14	6.52	2.72	142.18
August 2017 (steers)	34,951	793	1,379	169	3.62	6.05	1.27	73.88
August 2017 (heifers)	22,764	711	1,231	165	3.11	6.61	1.69	79.54

August 2022 corn price=\$8.69/bushel and August 2017 corn price=\$3.91/bushel

The Odde Experience

Our ranch is located in north central South Dakota. The operation has about 500 Angus-Simmental cows. The focus on the female side is to maximize maternal heterosis and focus selection on longevity and fertility.

Tables 3 (heifers) and 4 (cows) show the A.I. pregnancy results for the years 2019, 2021 and 2022.

There were 391 yearling heifers used in this field trial. The 391 yearling heifers were estrus synchronized using MGA-PGF2 α .

Heifers were fed Melengestrol Acetate for 14 days at 0.5 mg/hd/ day. Nineteen days after the last day of MGA feeding, heifers were injected with 25 mg of PGF2α. ESTROTECT™ patches were applied at the time of injection and heifers were observed for signs of estrus every four hours for the next five days. Heifers were inseminated at 15-28 hours after the onset of estrus.

The A.I. pregnancy rate (percentage pregnant of those in the group) ranged from a high of 63.4% to a low of 52.0%. The average A.I. pregnancy rate for the yearling heifers was 56.8%.

Year	Semen Gender	Breed of Sire	No. of Heifers	Estrus Synchronization Protocol	Breeding Protocol	No. Pregnant A.I.	A.I. Pregnancy Rate (%)
2019	Female	Angus	101	MGA-PGF2a	Breed by Estrus	64	63.4
2021	Female	Simmental	69	MGA-PGF2a	Breed by Estrus	40	58.0
2021	Female	Angus	73	MGA-PGF2a	Breed by Estrus	41	56.2
2022	Male	Angus	148	MGA-PGF2a	Breed by Estrus	77	52.0

Table 3. AI Pregnancy Rates for Gender Sorted Semen in Yearling Heifers--2019, 2021 and 2022

Cows were estrus synchronized using Co-Synch plus a CIDR[®]. Cows were injected with GnRH and a CIDR was inserted. Seven days later, the CIDR was removed and an injection of 25 mg of PGF2 α was administered. Cows were inseminated at approximately 70 hours post CIDR removal for the FTAI groups. For the STAI group, cows with activated ESTROTECT patches were inseminated at approximately 70 hours post PGF2 α injection. Cows that did not have activated ESTROTECT patches at 70 hours were inseminated at 90 hours and were also injected with GnRH at that time (STAI). In 2021, 102 of the cows were synchronized with 7&7 Synch.

The A.I. pregnancy rate in cows ranged from a low of 44.9% to a high of 52.2%. The average A.I. pregnancy rate for cows was 45.9%.

All cows and heifers were ultrasounded for pregnancy at approximately 60 days after artificial insemination.

Year	Semen Gender	Breed of Sire	No. of Cows	Estrus Synchronization Protocol	Breeding Protocol	No. Pregnant A.I.	A.I. Pregnancy Rate (%)
2019	Male	Charolais	88	CO-Synch-CDIR	FTAI	36	40.9
2019	Male	Charolais	80	CO-Synch-CDIR	STAI	36	45.0
2019	Female	Angus	51	CO-Synch-CDIR	STAI	24	47.0
2021	Male	Charolais	204	CO-Synch-CDIR or 7&7 Synch	FTAI	96	47.0
2022	Male	Charolais	46	CO-Synch-CDIR	FTAI	24	52.2
2022	Male	Charolais	78	CO-Synch-CDIR	FTAI	35	44.9

Table 4. A.I. Pregnancy Rates for Gender Sorted Semen in Cows—2019, 2021 and 2022, Summer of 2021

Summary

Male sexed semen has the potential of skewing the calf gender in the direction of more bull calves. Both the Superior Livestock data and the Focus on Feedlots data document the increasing value of steer calves compared to heifer calves. This could potentially increase the value of the calf crop. This value difference growth is driven by high feed costs, especially corn and increasing carcass weights. Sexed semen results have historically been about 10-15% lower than with conventional semen. Our average A.I. pregnancy rate for heifers was 56.8% and our average A.I. pregnancy rate for cows was 45.9%.

This opportunity, while present, would certainly grow with improved fertility and continued trends for increasing feed costs and carcass weights.

SELECT FO R

CODE	NAME	FEMALE	MALE	CODE	NAME	FEMALE
507AN363	HORIZON	\checkmark	\checkmark	507SM65	UNO MAS	\checkmark
509AN363	HORIZON	\checkmark		507SM81	REVOLUTION	V O
614AN502	ТАНОЕ	\checkmark	\checkmark	507SM115	PROMOTER	\checkmark
507AN580	HOME TOWN	\checkmark	\checkmark	509SM122	STANDOUT	\checkmark
507AN594	REGIMENT	\checkmark		507SM137	DOC	\checkmark
507AN618	MARVEL	\checkmark	\checkmark			
509AN618	MARVEL	\checkmark		507HP120	CUDA	\checkmark
507AN624	DUAL THREAT	\checkmark		507HP125	GOLD RUSH	\checkmark
507AN642	VERACIOUS	\checkmark	\checkmark			
507AN644	OPTIMUM	\checkmark		507AR87	FRANCHISE	\checkmark
507AN695	NETWORK	\checkmark		514AR94	BLUE CHIP	\checkmark
507AN738	RIVAL	\checkmark	• 🗸 •		•••	
509AN743	CRAFTSMAN		Ĵ.			

509 = 4M 507, 514 and 614 = 2M ¹¹gender SELECTED is a trademark of Select Sires Inc. Ultraplus is a trademark of STGen LLC. All gender SELECTED semen is processed using Ultraplus technology. Limitations and Conditions of Sale: gender SELECTED semen shall be used only for the single insemination of one female bovine during natural ovulation with the intent to produce a single offspring unless specifically approved on an individual customer basis by Sexing Technologies in writing. As a condition of purchasing gender SELECTED semen, the purchaser agrees that gender SELECTED semen will not be reverse sorted or re-sorted unless specifically permitted, in advance, on a case-by-case basis by Select Sires in writing. Select Sires intends to monitor the use of the gender SELECTED semen and vigorously enforce these restrictions on use. Please see http://www.selectsires.com/designations/genderselected.html for additional details.



SEXED SEMEN PROTOCOLS 2023

For additional synchronization protocols visit BeefRepro.org Use of sexed semen can result in conception rates that are decreased compared to conventional semen used in the same situation

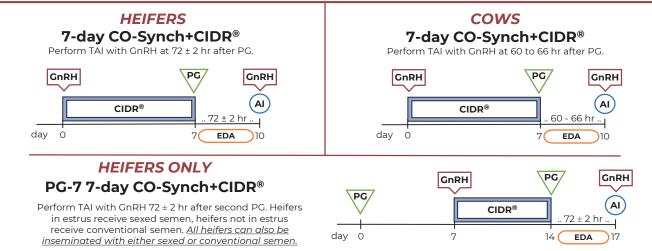
HEAT DETECTION

Sexed semen can be used on any female observed in estrus (heat) and following synchronization with any protocol on the Cow or Heifer Protocol Sheet.

For best results with sexed semen <u>perform AI 16 to 22 hr</u> after detecting female in estrus. Use of estrus detection aids (EDA) is highly recommended.

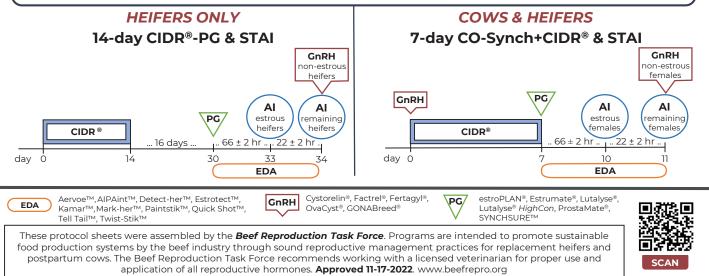
FIXED-TIME AI

Time for Fixed-time AI (**TAI**) should be considered as the approximate average time of insemination based on the number of females to inseminate, labor, and facilities. To optimize pregnancy success, it is recommended to <u>use sexed semen on females that have</u> <u>exhibited estrus before TAI</u> and conventional semen on females that have not exhibited estrus.



SPLIT-TIME AI (STAI)

Perform first TAI 66 ± 2 hr after PG in estrous females. GnRH administered at second TAI only in non-estrous females. Females detected in estrus by first or second TAI receive sexed semen. Females not in estrus receive conventional semen at second TAI.



7SM133 TJ GOLD STRIKE 506J





HOOK'S EAGLE 6E SIRE: TJ GOLD 274G TJ 12C **TJ NEW TIME LINE 113X** DAM: TJ 52A T J MISS DAY R1

TAT: 506J Open camera. Scan code. à. Click to learn more

ASA: 3909662

DOB: 01/24/21

- Lot 1 and feature sire of the 2022 Triangle J sale, GOLD STRIKE was our selection to be the next step forward from his popular sire. TJ Gold.
- ٥ GOLD STRIKE offers extra base width, depth of body and overall stoutness while maintaining his flexibility and fluid movement.
- \Diamond Balanced – GOLD STRIKE offers nine traits in the top 15% or better.
- ٥ His dam is outstanding and also the dam of TJ Chief. Her outcross pedigree and GOLD STRIKE's flexibility as a 3/4 Simmental, make mating options almost endless!
- ٥ He is seeing heavy use in purebred programs including Trauernicht Simmentals and Triangle J Ranch.

From Trauernicht Simmentals and Triangle J Ranch, NE



Dam of GOLD STRIKE



Maternal brother to GOLD STRIKE

EPDs as of 11/01/22

EI 20 00 01	11/01/22	•															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	3/4 SM 1/4 AN, CDN 1/2
EPD	16.4	0.1	94.0	151.1	8.4	28.2	75.1	17.5	11.4	51.1	18	.45	010	1.02	157.1	94.1	· · · · · ·
Acc	.43	.47	.49	.50	.23	.18	.27	.29	.41	.42	.32	.37	.33	.38			HOMO. BLACK
% Rank	10	45	5	4	25	15	4	30	60	10	70	30	95	10	15	10	HOMO. POLLED

7SM128 TJ FLAT IRON 259G







- ٥ FLAT IRON is a calving ease sire with a balanced set of EPDs. He ranks high for both indexes, top 5% API and top 3% TI.
- 0 The FLAT IRON progeny are structurally sound, correct and have an extra look and presence. They are easy to pick out.
- FLAT IRON is already the number nine sire for registrations in the 0 Simmental breed and for good reason. His calves are flat good! He is a SimAngus sire offering both terminal and maternal value. ٥

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

CONNEALY BLACK GRANITE SIRE: WERNER FLAT TOP 4136 WERNER LADY 0304 **RCR STETSON T17** DAM: TJ 33Y MS MISS 306R

ASA: 3582543 DOB: 01/04/19 TAT: 259G Open camera. **D**X







Daughter, Triangle J Ranch, NE

Daughter, Triangle J Ranch, NE

EPDs as of	11/01/22	2															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	1/2 SM 1/2 AN. CDN 1/2
EPD	13.9	-1.8	86.6	127.6	6.6	39.7	82.9	18.2	-2.2	39.2	01	.73	.012	.50	167.3	97.8	,
Acc	.78	.89	.86	.84	.43	.33	.45	.39	.70	.69	.51	.62	.56	.63			HOMO. BLACK
% Rank	30	20	15	30	55	1	1	20	99	25	99	5	99	80	5	3	HOMO. POLLED

7SM113 MR SR HIGHLIFE G1609





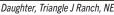




ASA: 3568376 DOB: 03/16/19 TAT: G1609 HOOK`S BEACON 56B SIRE: KBHR HIGH ROAD E283 WS MISS SUGAR C4 JBS BIG CASINO 336Y DAM: MISS SR D1609 MISS SR Y1102

- V HIGHLIFE is the Simmental semen sales leader at Select Sires and for good reason!
- His new photo exemplifies his maturity and phenotype. He is powerfully muscled and very correct with excellent foot structure.
- It is popular blaze face, coupled with his outcross pedigree make him a logical mating sire to use on cows within the Simmental breed and cross-breeding programs wanting added performance and the baldy face.
- HIGHLIFE is in the top 2% for WW, top 5% for YW EPD, top 5% for REA, top 15% for API and top 10% for TI index. HIGHLIFE has growth and power!
- He is backed by an outstanding wedge shaped, high maternal Big Casino daughter who is making her mark with her progeny.

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





Daughter, Triangle J Ranch, NE



Daughter, Triangle J Ranch, NE

EPDs as of	11/01/22	2															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 7/8
EPD	15.7	1.2	101.4	148.6	7.2	25.1	75.8	20.6	7.2	38.0	62	.12	142	1.20	155.6	94.2	
Acc	.65	.85	.81	.79	.38	.19	.33	.35	.67	.60	.46	.54	.47	.58			HOMO. BLACK
% Rank	5	45	2	5	25	40	10	10	95	20	1	55	1	5	15	10	

Fall 2022 Hybrid Simmental Breed Average EPDs **Production:** CE: 12.2 BW: 0.4 WW: 75.6 YW: 116.4 MCE: 6.6 MILK: 22.6 MWW: 60.4 STAY: 15.3 DOC: 12 Carcass: CW: 31.2 YG: -.23 MARB: .30 BF: -.04 REA: .66 API: 130.48 TI: 78.10

14SM3101 DMCC/WOOD FULLY LOADED 39D





- No stranger to the Simmental business, FULLY LOADED has been a go-to sire for high phenotype cattle that are born easy and are easy to like.
- ٥ Being a heterozygous black baldy only adds to his appeal. FULLY LOADED can be used to meet the demand of making great red baldy females.
- ٥ Study his support photos closely, he makes the right kind!
- FULLY LOADED has become a staple for creating cattle that are ٥ sound, attractive, easy to market and collect banners along the way.

From High Prairie Genetics, KS

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



ASA: 3131823

DOB: 03/11/16







Daughter, High Prarie Genetics, KS

Daughter, High Prarie Genetics, KS

\$40

EPDs as of 11/01/22

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM
EPD	12.1	0.6	81.9	121.7	6.7	19.6	60.5	13.8	11.0	47.4	50	.11	125	1.08	129.7	81.2	
Acc	.65	.83	.74	.70	.39	.21	.34	.40	.60	.60	.43	.53	.38	.56			HETERO. BLACK
% Rank	35	30	35	40	35	85	60	85	60	5	15	55	2	15	55	40	HOMO. POLLED

7SM65 WLE UNO MAS X549





- At 13-years-old, UNO MAS is still making semen and is as popular as ever!
- Few sires have left as big of a footprint on the Simmental breed as UNO MAS. He is predictable for his calving ease, eye appeal and female making ability.
- gender SELECTED semen is available for UNO MAS which is ideal as he is well known for making females who are productive and offer exceptional udder quality.

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







Daughter, Mid-Am Genetics, KS

Daughter, Stephens Beef Cattle, KY

EP	Ds as of	11/01/22	2															
		CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 7/8
	EPD	13.7	-1.3	65.6	85.2	3.9	18.7	51.4	14.1	12.3	-6.0	50	.44	119	.43	145.0	81.2	,
	Acc	.85	.94	.91	.89	.77	.82	.85	.68	.84	.82	.61	.78	.76	.78			HETERO. BLACK
0	% Rank	15	10	95	99	85	90	99	80	40	99	15	10	5	99	25	40	HOMO. POLLED

7SM137 CCS/JS **DOC** 48H





 $\mathbf{T} \mathbf{\Omega}$

- ODC is new to Select Sires and was selected in partnership with Hanels Black Simmentals at the 2022 Cattleman's Congress for his royal pedigree, balanced EPDs and exceptional phenotype.
- OOC hails from none other than the great WHF Summer 365C cow who was successfully campaigned by the Steenhoek family. DOC is a full brother to CCS/WHF OI' Son 48F.
- Look for DOC to maintain structural integrity, overall correctness and eye appeal with a splash of white!

From Hanel's Black Simmentals, KS and JS Simmentals, IA

TJ MAIN EVENT 503B SIRE: CDI INNOVATOR 325D CDI MS SHEAR FORCE 49U CCR WIDE RANGE 9005A DAM: WHF SUMMER 365C WHF ANDIE 365A



ASA: 3946541

DOB: 04/05/20





Dam of DOC 2017 Louisville Champion

Full brother to DOC

EPDs as of 11/01/22

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 3/4
EPD	11.1	0.6	87.5	126.2	6.2	22.5	66.2	16.4	6.4	31.1	34	.15	073	.79	136.4	84.8	,
Acc	.44	.47	.47	.46	.29	.22	.30	.35	.44	.42	.34	.40	.35	.42			HOMO. BLACK
% Rank	50	30	20	30	45	60	30	55	95	40	85	45	75	75	40	25	HOMO. POLLED

7SM115 KLER PROMOTER G15







- PROMOTER is more than a pretty picture. His offspring can flat grow!
- He is a 34 Simmental offering a lot of mating flexibility to maintain sensible CE and BW with added growth and carcass.
- Study his support pictures close, his progeny are turning heads and commanding top prices.
- PROMOTER is an ideal option to add pounds and use on both purebred and commercial cows.

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

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







Daughter, Handsaker Cattle Co, IA

EPDs as of	11/01/22	2															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	3/4 SM 1/4 AN, CDN 1/2
EPD	12.9	1.0	100.2	166.3	5.9	29.7	79.8	13.5	16.7	49.1	46	.23	083	1.29	135.8	92.6	· · · · ·
Acc	.55	.71	.63	.59	.31	.21	.32	.32	.53	.49	.37	.44	.35	.45			HOMO. BLACK
% Rank	45	65	2	1	65	10	1	70	10	10	3	70	10	1	45	10	HOMO. POLLED

Fall 2022 Purebred Simmental Breed Average EPDs Production: CE: 10.8 BW: 1.6 WW: 77.5 YW: 115.3 MCE: 5.7 MILK: 23.2 MWW: 61.8 STAY: 16.7 DOC: 11.4 Carcass: CW: 28.3 YG: -.41 MARB: .12 BF: -.09 REA: .87 API: 130.61 TI: 77.84

7SM116 LCDR PROGRESSIVE 106G







- PROGRESSIVE has been a strong addition to an already powerful calving ease line up of Simmental bulls at Select Sires.
- 0 PROGRESSIVE's dam, WS Sugar C4, is perhaps the most exciting donor cow in the breed today.
- ٥ He has 11 of 18 traits and indexes in the top 15% or better, highlighted by a a top 2% ranking for both API and TI.
- ٥ PROGRESSIVE is truly a calving ease, high maternal sire! He is a sire that can be a choice for not only Simmental influenced heifers but for English heifers as well.
- PROGRESSIVE's progeny are small at birth and follow his EPD growth pattern, taking time to perform and "catch up" at weaning and excel to vearling. To top it off they are very docile.

From Lazy C Diamond Ranch, ND; Eichacker Simmentals, SD; Trauernicht Simmentals, 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



Daughter, Trauernicht Simmentals, NE Daughter, Trauernicht Simmentals, NE

s45 📡

EPDs as of 11/01/22

	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 3/4
EPD	19.9	-4.4	94.6	140.4	10.9	33.1	80.3	14.8	13.3	49.5	33	.51	077	.94	176.8	106.3	
Acc	.69	.83	.78	.74	.40	.28	.39	.39	.61	.56	.41	.53	.42	.49			HOMO. BLACK
% Rank	1	1	10	10	1	3	2	75	30	4	90	4	75	35	2	1	HOMO. POLLED

7SM139 BROWN RRR EMBLEM J3541





- A new addition to Select Sires, this Eagle son, was the high selling Simmental bull at the 2022 RA Brown sale.
- EMBLEM ranks in the top 1% for API and the top 5% or better for CE, 0 BW. STAY. MARB and TL.
- EMBLEM is both a G+ and ACE sire on the Right Mate system. Use him on heifers with confidence.
- Furthermore, he is backed by a proven and productive dam with ratios as follows, BW 8@95, WW 8@104, YW 4@102, IMF 3@117 and REA 3@101.
- EMBLEM is attractive, correct in his build and offers a solid, square foot.

From R.A. Brown Ranch, TX ; Reflected R Ranch, CO and All Beef LLC, IL

HOOK'S BLACK HAWK 50B SIRE: HOOK`S EAGLE 6E HOOK'S CRYSTAL 1C MCM TOP GRADE 018X DAM: HRM MS TOP GRADE A310 WCS MS FORCE 807U

ASA: 3886910 DOB: 02/10/21 TAT: J3541

EPDs as of 11/01/22

 1 03 03 01	11/01/22																
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 7/8
EPD	16.8	-2.3	87.4	136.0	8.7	27.5	71.2	22.2	12.6	31.7	36	.61	060	.94	187.7	101.7	
Acc	.47	.51	.49	.49	.29	.25	.33	.35	.45	.43	.35	.42	.38	.41			HOMO. BLACK
% Rank	3	4	20	15	10	25	15	3	35	40	80	2	95	35	1	2	HOMO. POLLED

7SM122 SCHOOLEY STANDOUT 27G





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

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**

- STANDOUT continues to establish himself as the calving ease sire that adds "flash" to his calves.
- ♦ His impressive data predictions are backed by a proven and popular cow family, CLRS Beauty Queen.
- STANDOUT possesses the two most important traits cattlemen request, calving ease and docility. His calves are calm.
- A sales leader in 2022 at Select Sires, STANDOUT's popularity continues to grow due to his balance. He truly offers a complete package of calving ease, cow family, EPDs and phenotype.
- STANDOUT produces moderate-framed, attractive cattle in a calving ease package that can be used 0 with confidence.
- ٥ STANDOUT has become the popular go-to calving ease sire for heifers. Open just about any bred female sale catalog this fall, and you will notice numerous services to STANDOUT.
- ♦ Available in gender SELECTED 4M female semen.

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

EPDs as of 11/01/22

EI 20 40 01	11/01/22	-															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 3/4
EPD	20.9	-3.8	78.9	113.9	11.9	24.5	63.9	17.6	19.1	36.8	20	.53	048	.62	176.2	95.1	
Acc	.62	.75	.68	.64	.35	.22	.33	.32	.52	.50	.37	.47	.38	.44			- HOMO. BLACK
% Rank	1	1	45	55	1	40	40	45	1	25	99	4	99	99	2	5	

Fall 2022 Purebred Simmental Breed Average EPDs Production: CE: 10.8 BW: 1.6 WW: 77.5 YW: 115.3 MCE: 5.7 MILK: 23.2 MWW: 61.8 STAY: 16.7 DOC: 11.4 Carcass: CW: 28.3 YG: -.41 MARB: .12 BF: -.09 REA: .87 API: 130.61 TI: 77.84



Son, Wildberry Farm, IL

7SM134 GW HILGER ONE 454H





GW PREMIUM BEEF 021TS SIRE: GW MOVIN ON 183C GW MISS PREDESTINED 117Y GW YUKON JACK 612B DAM: GW MISS YUKON JACK 913E GW MISS REDESTINED 333A

TAT: 454H Open camera. Scan code. Click to

learn more

ASA: 3701575

DOB: 02/29/20



- This ¾ blood Simmental sire offers a red outcross pedigree without sacrificing exceptional data. Early calves have come easy and offer extra growth at weaning.
- Genomically, HILGER ONE is a 5 G+ sire, promising balanced trait improvement with maximum maternal progress.
- HILGER ONE boasts a chart-topping spread from CE and Stay to YW and REA. Study him close, he has a lot to offer!
- He is an ideal calving ease option for your 7SM97 IMPERIAL, 7SM92 RED MOON and 7SM121 COPPERHEAD daughters.

From All Beef LLC, IL and Klein Ranch Simmentals, KS

EPDs as of	11/01/22	2															3/4 SM 3/16 AN 1/16 AR
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	CDN 1/2
EPD	15.4	-2.2	91.7	138.4	7.4	26.8	72.6	22.1	14.7	39.9	27	.43	044	.88	165.4	94.3	DED
Acc	.50	.61	.55	.54	.28	.21	.32	.32	.14	.45	.35	.38	.35	.41			RED
% Rank	15	15	10	15	40	20	10	2	20	25	40	30	50	20	10	5	HOMO. POLLED

7SM104 GIBBS 7382E BROAD RANGE







- BROAD RANGE is a highly proven, calving ease mainstay of the Select Sires lineup! He is an outcross to many Simmental pedigrees within the breed, especially among top registration sires.
- BROAD RANGE offers a rare EPD profile ranking in the top 10% for CE, top 4% for BW, top 10% for WW and top 3% for YW!
- Already one of the top registration sires at No. 25, BROAD RANGE is just getting started.
- ♦ His dam is a prolific and phenomenal donor at Gibbs Farms in Alabama.

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









Son, Circle Ranches, CA

Dam of BROAD RANGE

EPDs as of 11/01/22

	11/01/11																
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 1/2
EPD	15.2	-2.1	92.4	152.4	10.3	17.6	63.8	16.2	15.9	49.6	23	.21	.003	1.28	154.4	93.3	. ,
Acc	.76	.89	.85	.84	.49	.35	.46	.43	.72	.67	.51	.64	.57	.64			HOMO. BLACK
% Rank	10	4	10	3	2	95	45	60	10	4	99	35	99	2	15	10	HOMO. POLLED

Baldy Ranch, LLC, CO

7SM121 SAS COPPERHEAD G354





- COPPERHEAD, named for his small, white stripe in the center of his head, can sire blazed-face calves out of solid-faced cows which is in high demand in today's market!
- COPPERHEAD offers an outstanding phenotype, outcross pedigree ٥ with growth and power for use on cows.
- \Diamond His calf reports are outstanding! The bull calves are stout, with added muscle, a bit more frame, early growth and will add pounds at weaning. His heifers have growth and Simmental features, with some power and broodiness to make cows.
- \Diamond COPPERHEAD is a customer satisfaction sire that is a must-use for red Simmental programs or red commercial programs wanting added performance and to retain females.

From High Country Cattle Services, 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

Daughter, High Country Cattle Service. AB Son Frixon Simmentals Sk Daughter, Reinv Way Acres, WI

EPDs as of 11/01/22

LI D3 U3 UI .	11/01/22	-															_
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN PB
EPD	3.3	4.5	105.7	152.4	1.5	25.0	77.8	15.1	14.0	16.8	51	.13	078	1.08	123.3	90.0	
Acc	.60	.77	.69	.64	.34	.23	.36	.35	.52	.55	.39	.46	.37	.48			- RED
% Rank	99	99	1	3	99	40	4	70	20	90	15	50	75	15	70	15	HOMO. POLLED

7SM138 CDI/NF HONOR GUARD 267H







- HONOR GUARD is an exciting new red addition to Select Sires for 2023 entering as a semi-proven sire!
- Check out his data set, it is hard to find a hole! He has a great balance of calving ease, growth, maternal and carcass, highlighted by a top 1% ranking for STAY and top 2% ranking for API.
- Look at his support photos! HONOR GUARD's first calf crop is very attractive and correct, offering confidence in the type and kind he will create.
- HONOR GUARD is very sound and athletic with extremely good foot quality and is a must-use sire for red enthusiasts!

From Neidig Farms, NE and C Diamond Ranch, ND

CDI MAVERICK 335B SIRE: CDI RADICAL 267F CDI MS YESTERDAY 29B CDI VERDICT 220Y DAM: CDI MISS VERDICT 141C CDI MISS RED COAT 28A ASA: 3801515 DOB: 03/11/20 TAT: 267H

Daughter Neidig Farms, NE

Daughter Neidig Farms, NE

Daughter Neidig Farms, NE

EPDs as of 11/01/22

		CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM. CDN 3/4
	EPD	18.6	-1.3	88.6	128.2	9.8	22.8	67	28.4	12.3	32.2	46	.47	079	1.12	192.3	97.3	. ,
	Acc	.44	.56	.51	.50	.24	.20	.29	.29	.43	.41	.32	.39	.33	.38			- RED
%	Rank	1	10	15	25	3	55	30	1	40	40	30	10	75	10	1	3	HOMO. POLLED

Fall 2022 Purebred Simmental Breed Average EPDs Production: CE: 10.8 BW: 1.6 WW: 77.5 YW: 115.3 MCE: 5.7 MILK: 23.2 MWW: 61.8 STAY: 16.7 DOC: 11.4 Carcass: CW: 28.3 YG: -.41 MARB: .12 BF: -.09 REA: .87 API: 130.61 TI: 77.84

7SM125 CDI MAJOR IMPACT 280H

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

CDI MAINLINE 265D SIRE: LCDR IMPACT 134F

WS MISS SUGAR C4 CDI RIMROCK 325Z

DAM: CDI MISS RIMROCK 55E CDI MISS APOLLO 111C

MAJOR IMPACT is a high growth, performance and product-focused sire intended to be utilized on cows.

It is first calf crop has provided muscular, attractive fronted and structurally correct cattle.

٥ MAJOR IMPACT is an excellent option for cows needing a bit more punch and performance.

From Hart Simmentals, SD

EPDs as of 2	11/01/22	2															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM, CDN 1/2
EPD	4.4	4.7	98.9	151.3	3.2	29.5	78.9	14.0	13.1	50.2	38	.16	062	1.22	122.5	87.2	
Acc	.47	.58	.54	.53	.24	.17	.28	.29	.50	.43	.33	.39	.34	.39			HOMO. BLACK
% Rank	99	99	3	4	90	15	3	85	30	4	70	45	85	4	70	20	HOMO. POLLED

7SM112 W/C REST EASY 752G ASA: 3644912 DOB: 02/27/19 TAT: 752G

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

REST EASY continues to get better as he adds offspring and data!

He ranks in the top 4% for CE and top 2% for BW, use REST EASY on heifers 0 with confidence.

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More than just a calving ease sire, REST EASY also offers above average 0 growth with elite ranks for maternal traits such as MCE, MILK and MWW.

REST EASY will sire calves that come easy and offer additional phenotype and correctness.

From Werning Cattle, SD and Western Cattle Source, NE

EPDs as of	11/01/22	2							FIU		ig Callie	, SD allu	Western	Callie St	uice, NE		
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM, CDN 1/2
EPD	16.6	-2.9	81.7	127.5	8.7	30.6	71.4	15.5	13.1	31.4	45	.18	081	1.06	149.8	89.0	
Acc	.54	.68	.61	.59	.26	.15	.28	.27	.41	.39	.32	.43	.32	.41			HOMO. BLACK
% Rank	3	2	35	25	10	10	15	65	30	40	35	40	55	20	20	15	HOMO. POLLED

٥

7SM124 WS ENHANCEMENT 25H ASA: 3764886 DOB: 01/31/20 TAT: 25H

CCR COWBOY CUT 5048Z

SIRE: WS PROCLAMATION E202 WS MISS SUGAR C4

HOOK'S BEACON 56B

WS LIGHTS COME ON D217

- O ENHANCEMENT offers an incredible number profile all the way across the page. He is truly a "no holes" script.
- ♦ His first calves have come unassisted, are attractive and easy to look at.
- ♦ ENHANCEMENT ranks high for both API and TI along with all carcass and maternal traits. You really can have it all!
- ENHANCEMENT is now deceased with limited semen availability, don't miss ٥ this unique genetic package.

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

 LF DS as UI	11/01/22	-															
	CE	BW	WW	YW	MCE	MILK	MWW	STAY	DOC	CW	YG	MARB	BF	REA	API	TI	PB SM, CDN PB
EPD	15.8	-3.6	84.5	130.3	10.4	37.0	79.2	20.7	15.8	48.0	33	.86	057	1.08	198.0	108.3	
Acc	.49	.52	.50	.51	.32	.26	.34	.37	.45	.46	.37	.44	.41	.44			- HOMO. BLACK
% Rank	5	1	25	25	2	1	3	10	10	5	90	1	95	15	1	1	

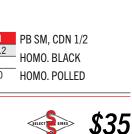
Fall 2022 Purebred Simmental Breed Average EPDs Production: CE: 10.8 BW: 1.6 WW: 77.5 YW: 115.3 MCE: 5.7 MILK: 23.2 MWW: 61.8 STAY: 16.7 DOC: 11.4 Carcass: CW: 28.3 YG: -.41 MARB: .12 BF: -.09 REA: .87 API: 130.61 TI: 77.84



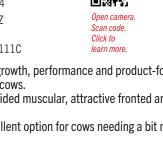
DAM: WS SWEET SIXTEEN F16

EBDc ac of 11/01/22











ALL SIMMENTAL SIRES AVAILABLE

SIMME	NTAL - Sa	orted by nam	ie																												
				0	Έ	B\	N	W	W	YW	М	CE	MIL	.K	MW	NS	TAY	D	OC	C	W	Y	G	MA	RB	F/	AT	RI	EA	API	TI
Code No.	Reg No.	Code Name	¥	EPD	Acc	EPD	Acc	EPD	Acc	EPD Ac	EPD	Acc	EPD /	Acc	EPD A	cc EP	D Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	EPD
7SM93	3133113	BIG TIMBER	YES	15.8	.86	-4.1	.94	76.0	.92	112.6 .91	8.4	.75	<mark>25.3</mark>	.77	63.3	81 20.	4 .50	11.5	.84	30.5	.80	17	.59	.34	.76	033	.67	.54	.76	164.5	88.5
7SM104	3404807	BROAD RANGE	YES	15.2	.76	-2.1	.89	92.4	.85	<mark>152.4</mark> .84	10.3	.49	17.6	.35	63.8 .	46 16.	2.43	15.9	.72	<mark>49.6</mark>	.67	23	.51	.21	.64	.003	.57	1.28	.64	154.4	93.3
7SM82	2854437	BROADWAY	YES	3.5	.78	3.8	.93	82.3	.90	128.7 .89	2.9	.75	<mark>25.8</mark>	.80	<mark>66.9</mark> .	84 18.	0.65	10.7	.84	27.6	.76	41	.58	.33	.76	089	.69	.80	.73	134.1	82.2
7SM121	3620331	COPPERHEAD	YES	3.3	.60	4.5	.77	105.7	.69	152.4 .64	1.5	.34	25.0	.23	<mark>77.8</mark> .	36 15.	1.35	14.0	.52	16.8	.55	51	.39	.13	.46	078	3.37	1.08	.48	123.3	90.0
7SM95	3184099	DECLARATION	YES	10.7	.68	0.5	.82	95.7	.73	148.2 .70	5.1	.47	17.5	.34	<mark>65.3</mark> .	45 10.	3 .38	11.0	.59	32.9	.48	41	.39	.45	.50	078	.41	.96	.47	145.9	97.8
7SM96	3097854	DIVIDEND	YES	11.8	.78	0.6	.91	83.0	.89	130.7 .87	5.0	.65	14.1	.69	55.5	74 15.	3 .52	13.4	.80	27.0	.73	22	.54	.12	.71	055	59.	.50	.68	133.2	80.8
7SM137	3946541	DOC	YES	11.1	.44	0.6	.47	87.5	.47	126.2 .46	6.2	.29	22.5	.22	<mark>66.2</mark> .	30 16.	4 .35	6.4	.44	31.1	.42	34	.34	.15	.40	073	.35	.79	.42	136.4	84.8
7SM139	3886910	EMBLEM	YES	16.8	.47	-2.3	.51	87.4	.49	136.0 .49	8.7	.29	<mark>27.5</mark>	.25	<mark>71.2</mark> .	33 22.	2.35	12.6	.45	31.7	.43	36	.35	.61	.42	060	.38	.94	.41	187.7	101.7
7SM86	2976529	ENGINEER	YES	16.9	.72	-3.5	.85	73.7	.81	121.9 .80	12.8	.52	32.7	.52	<mark>69.5</mark> .	60 16.	3 .38	9.0	.71	41.7	.65	41	.50	.17	.64	081	.55	1.05	.62	150.6	85.2
7SM124	3764886	ENHANCEMENT	YES	15.8	.49	-3.6	.52	84.5	.50	130.3 .51	10.4	.32	37.0	.26	79.2	34 20.	7.37	15.8	.45	48.0	.46	33	.37	.86	.44	057	.41	1.08	.44	198.0	108.3
14SM3101	3131823	FULLY LOADED	NO	12.1	.65	0.6	.83	81.9	.74	121.7 .70	6.7	.39	19.6	.21	60.5	34 13.	8 .40	11.0	.60	47.4	.60	50	.43	.11	.53	125	.38	1.08	.56	129.7	81.2
7SM113	3568376	HIGHLIFE	YES	15.7	.65	1.2	.85	101.4	.81	148.6 .79	7.2	.38	25.1	.19	<mark>75.8</mark> .	33 20.	6.35	7.2	.67	38.0	.60	62	.46	.12	.54	142	.47	1.20	.58	155.6	94.2
7SM87	2732032	HOMETOWN	YES	4.6	.63	4.3	.84	104.8	.81	162.3 .81	7	.56	27.2	.58	79.6	65 16.	5.45	11.2	.73	59.4	.58	60	.44	.40	.56	120	.46	1.59	.53	146.2	98.5
7SM138	3801515	HONOR GUARD	YES	14.0	.44	0.7	.49	84.5	.46	124.3 .47	7.3	.23	23.9	.18	66.1	27 27.	5.29	12.4	.42	27.1	.39	46	.31	.48	.39	079	.33	1.05	.38	180.2	92.4
7SM97	3210738	IMPERIAL	YES	18.3	.80	-3.5	.91	60.0	.89	95.1 .89	9.9	.64	13.4	.60	43.3 .	68 21.	0.44	17.2	.76	15.0	.70	46	.51	.98	.65	068	.56	.99	.64	200.1	95.3
7SM125	3801544	MAJOR IMPACT	YES	4.4	.47	4.7	.58	98.9	.54	151.3 .53	3.2	.24	<mark>29.5</mark>	.17	<mark>78.9</mark> .:	28 14.	0.29	13.1	.50	50.2	.43	38	.33	.16	.39	062	.34	1.22	.39	122.5	87.2
7SM116	3646242	PROGRESSIVE	YES	19.9	.69	-4.4	.83	94.6	.78	140.4 .74	10.9	.40	33.1	.28	80.3	39 14.	8 .39	13.3	.61	49.5	.56	33	.41	.51	.53	077	.42	.94	.49	176.8	106.3
7SM92	3115609	RED MOON	YES	17.5	.74	-2.9	.88	71.7	.84	104.8 .83	9.0	.57	32.6	.59	68.4	67 18.	1.41	13.0	.69	15.7	.67	35	.50	.31	.63	071	.54	.64	.64	157.6	85.6
7SM112	3644912	REST EASY	YES	16.6	.54	-2.9	.68	81.7	.61	127.5 .59	8.7	.26	30.6	.15	71.4	28 15.	5 .27	13.1	.41	31.4	.39	45	.32	.18	.43	081	32	1.06	.41	149.8	89.0
7SM81	2754651	REVOLUTION	YES	4.6	.65	5.1	.79	100.2	.70	135.9 .71	-1.6	.51	16.0	.45	66.1	54 17.	4.44	15.4	.58	20.1	.63	52	.47	.47	.55	114	.50	.88	.58	143.6	93.4
7SM122	3585120	STANDOUT	YES	20.9	.62	-3.8	.75	78.9	.68	113.9 .64	11.9	.35	24.5	.22		33 17.	6 .32	19.1	.52	36.8	.50	20	.37	.53	.47	048	3.38	.62	.44	176.2	95.1
7SM105	3402630	SUCCESS	YES	11.6	.56	1.3	.74	83.0	.71	126.6 .68		.29		.24		35 14.	-	12.1		29.3		40	.36	.42	.47	083	_	.85	.45	147.6	
																	_	-			_										
7SM65	2532016	UNO MAS	YES	13.7	.85	-1.3	.94	65.6	.91	85.2 .89	3.9	.77	18.7	.82	51.4	85 14.	1.68	12.3	.84	-6.0	.82	50	.61	.44	.78	119	.76	.43	.78	145.0	81.2
				<mark>13.7</mark>	.85	-1.3	.94	65.6	.91	85.2 .89	3.9	.77	18.7	.82	51.4	85 14.	1 .68	12.3	.84	-6.0	.82	<mark>50</mark>	.61	.44	.78	<mark>119</mark>	.76	.43	.78	<mark>145.0</mark>	81.2
		UNO MAS Forted by nar			.85 CE	-1.3 B\		65.6		85.2 .89 YW		.77 CE	18.7 MIL		51.4 .: MW\		1 .68		.84 0C	-6.0		50 Y(.44 MA			.76 AT		.78 E A	145.0 API	81.2 TI
					E	B	N	W	N		M	CE	MIL	.K	MW	N S	TAY	D	OC	C	W	Y	G	MA	RB	F/	AT	RI	EA	API	
SIMANO	G US™ - S	orted by nar	ne	0	E	B	N	W	N	YW EPD Act	M c EPD	CE Acc	MIL	.K Acc	MW\ EPD A	N S	TAY D Acc	D EPD	OC Acc	C	W	Y	G Acc	MA EPD	RB	F/ EPD	AT	RI	EA Acc	API	TI EPD
SIMANO Code No.	GUS™ - S Reg No.	orted by nar	ne 🍁	C EPD	CE Acc	B\ EPD	N Acc	W	N Acc	Y₩ EPD Acc 161.2 .49	M c EPD 9.5	CE Acc .26	MIL EPD 17.3	.K Acc	MW EPD A 67.9	N S .cc EP	TAY D Acc 9 .31	DI EPD 19.3	DC Acc .45	C EPD 60.5	W Acc	Y(EPD	G Acc	MA EPD	RB Acc	F/ EPD 010	AT Acc	RI EPD	EA Acc	API EPD	TI EPD 111.2
SIMANO Code No. 714SM132	CUS [™] - S Reg No. 3839825	Code Name	ne 🍁 NO	C EPD 13.6	E Acc .42	B EPD 0.9	N Acc .46	WV EPD 101.2 96.6	N Acc .49	YW EPD Act 161.2 .49 143.1 .84	M c EPD 9.5 8.4	CE Acc .26	MIL EPD / 17.3 20.7	.K Acc	MWV EPD A 67.9 69.0 .	N S .cc EP 29 16.	TAY D Acc 9 .31 4 .50	D(EPD 19.3 15.9	DC Acc .45	C EPD 60.5 42.8	W Acc .43	Y (EPD 16	G Acc .34 .48	MA EPD 1.07	RB Acc .42	F/ EPD 010	AT Acc .36	RI EPD 1.09	EA Acc .41	API EPD 187.3	TI EPD 111.2 90.7
SIMANO Code No. 714SM132 14SM3085	EUS [™] - S Reg No. 3839825 2891389	Code Name BLUEMONT COWBOY UP	ne *** NO YES	C EPD 13.6 10.2	E Acc .42 .70	B EPD 0.9 2.3	N Acc .46 .89	WV EPD 101.2 96.6	N Acc .49 .86	YW EPD Act 161.2 .49 143.1 .84	M c EPD 9.5 8.4 6.6	CE Acc .26 .62	MIL EPD / 17.3 20.7 39.7	.K Acc .21 .67	MWV EPD A 67.9 69.0 .	N S .cc EP 29 16. 73 22.	TAY D Acc 9 .31 4 .50 2 .39	D(EPD 19.3 15.9 -2.2	DC Acc .45 .75	C EPD 60.5 42.8	W Acc .43 .65	Y (EPD 16 14	G Acc .34 .48 .51	MA EPD 1.07 .47	RB Acc .42 .58	F/ EPD 010 036	AT Acc .36 .51 .56	RI EPD 1.09 .61	EA Acc .41 .60	API EPD 187.3 154.2	TI EPD 111.2 90.7 97.8
SIMANO Code No. 714SM132 14SM3085 7SM128	US™ - S Reg No. 3839825 2891389 3582543	Code Name BLUEMONT COWBOY UP FLAT IRON	ne www. NO YES NO	C EPD 13.6 10.2 13.9	E Acc .42 .70 .78	B EPD 0.9 2.3 -1.8	N Acc .46 .89 .89	WV EPD 101.2 96.6 86.6	N Acc .49 .86	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84	M c EPD 9.5 4 8.4 4 6.6 8.3	CE Acc .26 .62 .43	MIL EPD / 17.3 20.7 39.7	.K Acc .21 .67 .33	MWV EPD A 67.9 .: 69.0 .: 82.9 .: 61.1 .:	N S .cc EP 29 16. 73 22. 455 18.	TAY D Acco 9 .31 4 .50 2 .39 1 .31	D(EPD 19.3 15.9 -2.2	DC Acc .45 .75 .70 .45	C EPD 60.5 42.8 39.2 42.0	W Acc .43 .65 .69	Y (EPD 16 14 01	G Acc .34 .48 .51 .34	MA EPD 1.07 .47 .73	RB Acc .42 .58 .62	F/ EPD 010 036 .012	AT Acc .36 .51 .56 .36	RI EPD 1.09 .61 .50	EA Acc .41 .60 .63 .41	API EPD 187.3 154.2 167.3	TI EPD 111.2 90.7 97.8 105.3
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130	Heg No. 3839825 2891389 3582543 3839805	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS	ne NO YES NO NO	C EPD 13.6 10.2 13.9 13.9	E Acc .42 .70 .78 .43	B EPD 0.9 2.3 -1.8 1.8	N Acc .46 .89 .89 .89	EPD 101.2 96.6 86.6 88.6 94.0	N Acc .49 .86 .86 .49	YW EPD Act 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50	M c EPD 9.5 8.4 6.6 8.3 8.4 8.4	CE Acc .26 .62 .43 .26 .23	MIL EPD / 17.3 / 20.7 / 39.7 / 16.9 / 28.2 /	.K Acc .21 .67 .33 .21 .18	MW EPD A 67.9 . 69.0 . 82.9 . 61.1 . 75.1 .	N S .cc EP 29 16. 73 22. 45 18. 30 22. 27 17.	Acc 9 .31 4 .50 2 .39 1 .31 5 .29	D(EPD 19.3 15.9 -2.2 14.2 11.4	0C Acc .45 .75 .70 .45 .41	C EPD 60.5 42.8 39.2 42.0 51.1	W Acc .43 .65 .69 .43 .42	Y(EPD 16 14 01 30 18	G Acc .34 .48 .51 .34 .32	MA EPD 1.07 .47 .73 1.14	RB Acc .42 .58 .62 .41 .37	F/ EPD 010 036 .012 034 010	AT Acc .36 .51 .56 .36	RI EPD 1.09 .61 .50 1.09 1.02	EA Acc .41 .60 .63 .41 .38	API EPD 187.3 154.2 167.3 196.9	TI EPD 111.2 90.7 97.8 105.3 94.1
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133	Reg No. 3839825 2891389 3582543 3839805 3909662	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE	ne NO YES NO NO YES	C EPD 13.6 10.2 13.9 13.9 13.9	E Acc .42 .70 .78 .43 .43	B EPD 0.9 2.3 -1.8 1.8	N Acc .46 .89 .89 .47 .47 .61	EPD 101.2 96.6 86.6 88.6 94.0	Acc .49 .86 .86 .49 .49 .55	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50	M c EPD 9.5 9.5 4 6.6 5 8.3 6 8.3 6 7.4	CE Accc .26 .62 .43 .26 .23 .23	MIL EPD I 17.3 I 20.7 I 39.7 I 28.2 I 26.8 I	.K Acc .21 .67 .33 .21 .18 .21	MW EPD A 67.9 69.0 61.1 75.1	N S acc EP 229 16. 73 22. 455 18. 300 22. 27 17. 322 22.	Acc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32	D(EPD 19.3 15.9 -2.2 14.2 11.4 14.7	Acc .45 .75 .70 .45 .45	C EPD 60.5 42.8 39.2 42.0 51.1 39.9	₩ Acc .43 .65 .69 .43 .42 .45	Y(EPD 16 14 01 30 18	G Acc .34 .48 .51 .34 .34 .32 .35	MA EPD 1.07 .47 .73 1.14 .45 .43	RB Acc .42 .58 .62 .41 .37	F/ EPD 010 036 .012 034 010 044	AT Acc .36 .51 .56 .36 .36 .33 .33	RI EPD 1.09 .61 .50 1.09 1.02 .88	EA Acc .41 .60 .63 .41 .38 .41	API EPD 187.3 154.2 167.3 196.9 157.1	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE	NO YES NO YES NO YES	C EPD 13.6 10.2 13.9 13.9 13.9 15.4	E Acc .42 .70 .78 .43 .43 .50	B EPD 0.9 2.3 -1.8 1.8 0.1 -2.2	Acc .46 .89 .89 .47 .47 .61 .90	W EPD 101.2 96.6 86.6 88.6 94.0 91.7	N Accc .49 .86 .86 .49 .49 .55 .87	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54	M 9.5 8.4 6.6 8.3 8.4 7.4	CE .26 .62 .43 .26 .23 .23 .28 .70	MIL EPD I 17.3 I 20.7 I 39.7 I 16.9 I 28.2 I 20.3 I 20.4 I	.K Acc .21 .33 .21 .18 .21 .18 .21 .76	MWV EPD A 67.9 69.0 82.9 61.1 75.1 72.6 57.6	N S .cc EP 29 16. 73 22. 45 18. 30 22. 27 17. 32 22. 81 14.	Acc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63	D(EPD 19.3 15.9 -2.2 14.2 11.4 14.7 14.9	Acc .45 .75 .70 .45 .41 .14	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1	 Acc .43 .65 .69 .43 .42 .45 .77 	Y(EPD 16 14 01 30 18 27	G Acc .34 .48 .51 .34 .32 .35 .58	MA EPD 1.07 .47 .73 1.14 .45 .43 .60	RB Acc .42 .58 .62 .41 .37 .38 .75	F/ EPD 010 036 .012 034 010 044 068	AT Acc .36 .51 .56 .36 .36 .33 .33	RI EPD 1.09 .61 1.09 1.02 .88 .46	EA Acc .41 .60 .63 .41 .38 .41 .73	API EPD 187.3 154.2 167.3 196.9 157.1 165.4	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE	NO YES NO YES NO YES NO YES	C EPD 13.6 10.2 13.9 13.9 16.4 15.4 15.0	E Acc .42 .70 .78 .43 .43 .50 .79	B EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0	Acc .46 .89 .47 .47 .61 .90 .75	EPD 101.2 96.6 86.6 88.6 94.0 91.7 56.6	Acc .49 .86 .86 .49 .49 .55 .87 .71	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87	M Image: Constraint of the second	CE .26 .62 .43 .26 .23 .28 .70 .40	MIL EPD / 17.3 / 20.7 / 39.7 / 16.9 / 28.2 / 26.8 / 29.4 / 25.6 /	.K Acc .21 .33 .21 .33 .21 .18 .21 .21 .76 .32	MWV EPD A 67.9 69.0 69.0 61.1 75.1 72.6 62.11	N S acc EP 29 16. 73 22. 45 18. 30 22. 27 17. 32 22. 81 14. 43 16.	TAY D Accc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36	D(EPD 19.3 15.9 -2.2 14.2 14.2 14.7 14.9 17.2	Acc .45 .75 .70 .45 .41 .14 .80 .55	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5	W Acc .43 .65 .69 .43 .42 .42 .45 .77 .60	Y(EPD 16 14 01 30 18 27 37	G Acc .34 .48 .51 .32 .35 .58 .45	MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76	RB Acc .42 .58 .62 .41 .37 .38 .75	F/ EPD 010 036 .012 034 010 044 068 035	AT Acc 3.36 5.51 5.56 3.36 3.33 4.33 4.35 3.70	RI EPD 1.09 .61 1.09 1.09 1.02 .88 .46 1.05	EA Acc .41 .60 .63 .41 .38 .41 .73 .55	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON	NO YES NO YES NO YES YES YES	C EPD 13.6 10.2 13.9 16.4 15.0 14.3	Acc .42 .70 .78 .43 .50 .79 .62 .61	B EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2	Acc .46 .89 .47 .47 .61 .90 .75	WW EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0	Acc .49 .86 .86 .49 .49 .55 .87 .71 .65	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .69	M M 9 9 9 1 8.4 1 8.3 1 8.4 1 </td <td>CE Accc .26 .62 .43 .26 .23 .28 .28 .70 .40 .32</td> <td>MIL EPD I 17.3 I 20.7 I 39.7 I 16.9 I 28.2 I 26.8 I 29.4 I 30.7 I 30.9 I</td> <td>.K Acc .21 .67 .33 .21 .18 .21 .18 .21 .21 .32 .32</td> <td>MWV EPD A 67.9 69.0 61.1 775.1 57.6 62.1 67.70 </td> <td>N S Ccc EP 16.73 22.2 18.8 22.2 17.7 27.2 17.7 27.2 17.7 27.2 17.3 22.2 18.8 14.4 16.9 14.4 16.1 14.4</td> <td>TAY D Accc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32</td> <td>D0 EPD 19.3 15.9 -2.2 14.2 11.4 14.7 14.9 17.2</td> <td>Acc .45 .75 .70 .41 .14 .80 .555 .60</td> <td>C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5</td> <td>W Acc .43 .65 .69 .43 .42 .45 .77 .60 .49</td> <td>Y(EPD 16 14 01 300 18 277 337</td> <td>G Acc .34 .48 .51 .32 .35 .58 .45</td> <td>MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76</td> <td>RB Acc .42 .58 .62 .41 .37 .38 .75 .51</td> <td>F/ EPD 010 036 .012 034 035 044 035 .012</td> <td>AT Acc 3.36 5.51 5.56 4.36 3.33 4.35 3.70 4.46</td> <td>RI EPD 1.09 .61 1.09 1.09 1.02 .88 .46 1.05</td> <td>EA Acc .41 .60 .63 .41 .38 .41 .73 .55 .46</td> <td>API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6</td> <td>TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6 89.6 88.8</td>	CE Accc .26 .62 .43 .26 .23 .28 .28 .70 .40 .32	MIL EPD I 17.3 I 20.7 I 39.7 I 16.9 I 28.2 I 26.8 I 29.4 I 30.7 I 30.9 I	.K Acc .21 .67 .33 .21 .18 .21 .18 .21 .21 .32 .32	MWV EPD A 67.9 69.0 61.1 775.1 57.6 62.1 67.70	N S Ccc EP 16.73 22.2 18.8 22.2 17.7 27.2 17.7 27.2 17.7 27.2 17.3 22.2 18.8 14.4 16.9 14.4 16.1 14.4	TAY D Accc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32	D0 EPD 19.3 15.9 -2.2 14.2 11.4 14.7 14.9 17.2	Acc .45 .75 .70 .41 .14 .80 .555 .60	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5	W Acc .43 .65 .69 .43 .42 .45 .77 .60 .49	Y(EPD 16 14 01 300 18 277 337	G Acc .34 .48 .51 .32 .35 .58 .45	MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76	RB Acc .42 .58 .62 .41 .37 .38 .75 .51	F/ EPD 010 036 .012 034 035 044 035 .012	AT Acc 3.36 5.51 5.56 4.36 3.33 4.35 3.70 4.46	RI EPD 1.09 .61 1.09 1.09 1.02 .88 .46 1.05	EA Acc .41 .60 .63 .41 .38 .41 .73 .55 .46	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6 89.6 88.8
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO	NO YES NO YES NO YES YES YES	C EPD 13.6 13.9 13.9 13.9 13.9 16.4 15.4 15.0 14.3 17.1	Acc .42 .70 .78 .43 .50 .79 .62 .61	B EPD 0.9 2.3 -1.8 0.1 -2.2 -4.0 -0.2 0.0	 Acc .46 .89 .47 .47 .61 .90 .75 .71 .86 	WW EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0	 ✔ Acc .49 .86 .86 .49 .55 .87 .71 .65 .83 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .66	M M 9.5 9.5 8.4 6.6 8.3 8.4 9.5 8.4 9.5 8.4 9.5 9.5 9.8 9.9 8.4 9.9 8.4 9.9 8.7 9.9 8.7 9.8 9.9 8.7 9.9	CE Accc .26 .62 .43 .26 .23 .23 .28 .70 .40 .32 .56	MIL EPD I 17.3 I 20.7 I 39.7 I 16.9 I 28.2 I 26.8 I 29.4 I 30.7 I 30.9 I	.K Acc .21 .33 .21 .18 .21 .76 .32 .23 .54	MWV EPD A 67.9 682.0 61.1 775.1 775.6 57.66 62.1 77.4 53.5	N S Ccc EP 16.73 22.2 18.8 22.2 17.7 27.2 17.7 27.2 17.7 27.2 17.3 22.2 18.8 14.4 16.9 14.4 16.1 14.4	TAY D Accc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32 3 .45	D0 EPD 19.33 -2.2 14.2 11.4 14.7 14.9 17.2 16.5	DC Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5	W Acc .43 .65 .69 .43 .42 .45 .77 .60 .49	Y(EPD 16 14 01 18 27 37 37 .00	G Acc .34 .48 .51 .32 .35 .35 .58 .45 .37 .54	MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76 .64	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47	F/ EPD 010 036 .012 034 035 035 .012	ACC 3.36 5.51 5.56 4.33 4.33 4.33 5.70 5.46 5.60 5.60	RI EPD 1.09 .61 1.02 .88 .46 1.05 .42	EA Acc .41 .60 .63 .41 .38 .41 .38 .41 .73 .55 .46	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6 88.8 77.7
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT	NO YES NO YES NO YES YES YES YES	C EPD 13.6 10.2 13.9 13.9 16.4 15.0 14.3 17.1 12.9	Acc .42 .70 .78 .43 .50 .79 .62 .71 .58	BV EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 0.6	 Acc .46 .89 .47 .61 .90 .75 .71 .86 .64 	EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0	 Accc .49 .86 .49 .55 .87 .71 .65 .83 .54 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .66 123.4 .82	M M 9 9 9 9 9 9 1	CE Accc .26 .62 .43 .26 .23 .23 .28 .70 .40 .32 .56	HIL EPD I 17.3 I 20.7 I 39.7 I 28.2 I 26.8 I 25.6 I 30.9 I 10.0 I	.K Acc .21 .33 .21 .18 .21 .76 .32 .23 .23	MWV EPD A 67.9 69.0 82.9 61.1 775.1 57.6 62.1 62.2 77.4 62.5 62.6	N S scc EP 229 16. 773 22. 445 18. 300 22. 17. 22. 18. 14. 18. 14. 16. 14. 34 16. 34 14.	TAY D Accc 2 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32 3 .45	D0 EPD 19.3 15.9 -2.2 14.2 11.4 14.7 14.9 16.5 14.9 15.9	Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0	W Acc .43 .65 .69 .43 .42 .42 .42 .45 .77 .60 .49 .73	Y(EPD 16 14 14 30 18 27 31 .00 .17 18	G Acc .34 .48 .51 .32 .35 .35 .58 .45 .37 .54	MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76 .64 .23	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .69	F/ EPD 010 036 012 034 010 044 068 035 .012 .015	A A C 3.6 .36 .51 .56 .36 .33 .35 .35 .35 .4 .35 .35 .36 .33 .35 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .36 .46 .36 .36 .40 .40 .40	RI EPD 1.09 .61 1.09 1.02 .88 .46 1.05 .42 .21	Acc Acc .41 .60 .63 .41 .38 .41 .73 .55 .46 .65 .45	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 124.9	TI EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6 88.8 77.7 90.6
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE	NO YES NO YES NO YES YES YES YES YES	C EPD 13.6 10.2 13.9 13.9 16.4 15.0 14.3 17.1 12.9 18.7	Acc .42 .70 .78 .43 .50 .79 .62 .61 .71 .58 .55	BV EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 0.6 -1.77	Acc .46 .89 .47 .61 .90 .75 .71 .86 .64	EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6	 ✔ Accc .49 .86 .49 .49 .55 .87 .71 .65 .83 .54 .63 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 138.4 .54 79.9 .87 121.9 .66 123.4 .66 116.1 .54	M M S PD S	CE Accc .26 .43 .26 .23 .23 .23 .28 .70 .40 .32 .56 .33 .31	HIL EPD I 17.3 I 20.7 I 39.7 I 28.2 I 26.8 I 25.6 I 30.9 I 10.0 I	.K Acc .21 .21 .67 .33 .21 .33 .21 .33 .21 .33 .21 .33 .21 .33 .21 .32 .32 .23 .24 .254 .21 .221	MWV EPD A 67.9 69.0 82.9 75.1 77.26 57.76 60.1 77.26 57.35 64.7 77.88	N S EQ 16. 16. 22. 16. 22. 17.3 22. 245 18. 302 22.7 17.7 22. 27.7 17. 32. 22. 33.4 14. 43. 16. 33.4 14. 43. 14. 43. 14. 43. 14. 43. 14. 43. 14. 43. 14. 43. 14. 44. 14. 45. 15. 46. 15. 47. 13.	TAY D Accc 2 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32 3 .45 0 .33	D0 EPD 19.3 15.9 -2.2 14.2 14.7 14.9 17.2 16.5 14.9 15.1 16.7	Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47 .53	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1	 ₩ Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .73 .48 .49 	Y(EPD 16 14 14 30 18 27 31 .00 .17 18	G Acc .34 .48 .51 .34 .32 .35 .58 .45 .37 .54 .38 .37	MA EPD 1.07 .47 .73 1.14 .43 .60 .76 .64 .23 .71	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .69 .43 .44	F/ EPD 010 036 034 010 044 068 035 012 .015 024 083	AT Acc 3.36 5.51 5.56 4.36 3.33 4.33 5.70 5.46 3.36 5.60 4.40	RI EPD 1.09 .61 1.02 .88 .46 1.05 .42 .21 .72 1.29	EA Acc .41 .60 .63 .41 .38 .41 .73 .55 .46 .66 .45 .45	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 124.9 169.6	I EPD 111.2 90.7 97.8 105.3 94.1 94.3 79.9 89.6 88.8 77.7 90.6 92.6
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM115	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER	NO YES NO YES NO YES YES YES YES YES	C EPD 13.6 10.2 13.9 16.4 15.0 15.0 14.3 17.1 12.9 12.9	Acc .42 .70 .78 .43 .50 .79 .62 .61 .71 .58 .55	B EPD 0.9 2.3 -1.8 0.1 -2.2 -4.0 -0.2 0.0 0.6 -1.7 1.0	Acc .46 .89 .47 .61 .90 .75 .71 .86 .64	EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2	 ▲ Accc .49 .86 .49 .49 .55 .87 .65 .83 .54 .63 .84 	Y₩ EPD Aca 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .69 123.4 .66 116.1 .82 116.1 .52 166.3 .59	Image: state	CE Accc .26 .43 .26 .23 .23 .23 .28 .70 .40 .32 .56 .33 .31 .55	HIL EPD A 17.3 A 20.7 A 39.7 A 16.9 A 28.2 A 29.4 A 25.6 A 30.9 A 25.6 A 20.7 A	.K Acc .21 .21 .67 .33 .21 .33 .21 .33 .21 .33 .21 .33 .21 .33 .21 .33 .21 .32 .323 .32 .23 .24 .253	MWV EPD A 67.9 68.2.9 82.9 75.1 75.2 67.3 75.4 62.1 75.2 62.1 75.3 64.7 77.9.8 65.5.4	N S EP E 229 16. 229 16. 220 17. 221 17. 222 17. 212 17. 221 17. 222 17. 232 22. 341 14. 432 15. 433 16. 341 14. 342 13. 343 13.	TAY D Acco 9 .31 4 .50 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32 5 .32 5 .32 5 .40	D0 EPD 19.3 15.9 -2.2 14.2 14.7 14.9 17.2 16.5 14.9 16.5	Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .74 .47 .53 .73	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 57.0 34.5 57.0 36.1 49.1 55.6	 Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .73 .48 .49 .69 	Y(EPD 16 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 18 46	G Acc .34 .48 .51 .32 .32 .32 .35 .45 .37 .37 .38 .37 .52	MA EPD 1.07 .47 .73 1.14 .45 .43 .60 .76 .64 .23 .71 .23	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .69 .43 .44	F/ EPD 010 036 034 034 044 068 035 .012 .015 024 083 005	AT ACC ACC 5.51 5.51 5.56 4.33 4.33 5.35 5.33 5.33 5.35 5.33 5.33 5.35 5.35 5.35 5.35 5.35 5.35 5.35 5.35 5.35 5.36 5.35 5.36 5.35 5.36 5.35 5.36 5.35 5.36 5.36 5.36 5.35 5.36	RI EPD 1.09 .61 1.09 1.09 1.09 1.09 .88 .46 1.05 .42 .21 .72 1.29 .70	EA Acc .41 .60 .63 .41 .38 .41 .38 .41 .38 .41 .55 .46 .66 .45 .45 .67	API EPD 187.3 154.2 167.3 167.3 165.4 165.4 165.4 153.2 124.9 169.6 135.8	TI FPD 111.2 90.7 97.8 105.3 94.1 94.2 94.1 <
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM115 7SM89	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881 3041151	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE	NO YES NO YES NO YES YES YES YES YES YES	C EPD 13.6 13.9 13.9 13.9 16.4 15.4 15.4 15.4 15.4 12.9 18.7 12.9 11.6	Acc .42 .70 .78 .43 .50 .79 .62 .61 .71 .58 .55 .68	BI EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 0.6 -1.7 1.0 0.3	 Acc .46 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 	 W EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 	 Accc .49 .86 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .66 116.1 .82 166.3 .59 116.3 .83	Image: state	CE Accc .26 .62 .43 .26 .23 .28 .70 .40 .32 .56 .33 .31 .55 .26	HIL EPD A 17.3 A 20.7 A 39.7 A 16.9 A 28.2 A 29.4 A 25.6 A 30.9 A 25.6 A 20.7 A		MWV EPD A 67.9 67.0 82.9 61.1 77.6 57.6 62.1 77.2.6 62.1 77.6 62.1 77.6 62.1 77.6 77.7 64.7 75.5.4 55.5.4	N S EP E 229 16. 229 16. 220 17. 221 17. 222 17. 212 17. 221 17. 222 17. 232 22. 341 14. 432 15. 433 16. 341 14. 342 13. 343 13.	TAY D Accc 2 .39 2 .39 2 .39 1 .31 5 .29 1 .32 6 .63 7 .36 0 .32 3 .45 0 .33 5 .32 5 .40 4 .31	D0 EPD 19.3 15.9 -2.2 14.2 14.2 14.7 14.9 17.2 16.5 15.1 15.3 15.3	Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47 .53 .73 .45	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1	 Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .48 .49 .69 .43 	Y(EPD 16 14 01 30 18 27 37 31 .001 .17 18 44 18 .001 .17 18 46 04	G Acc .34 .48 .51 .32 .32 .32 .35 .45 .37 .37 .38 .37 .52	MA EPD 1.07 .47 .47 .43 .45 .43 .60 .76 .64 .23 .71 .23 .42 .94	RB Acc .42 .58 .62 .41 .37 .37 .38 .75 .51 .47 .47 .47 .43 .43 .44 .65	F/ EPD 010 036 034 035 044 068 035 .012 024 023 024 033	AT ACC ACC ACC ACC ACC ACC ACC A	RI EPD 1.09 .61 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14	EA Acc .41 .60 .63 .41 .38 .41 .38 .41 .73 .55 .46 .66 .45 .45 .45 .45 .45	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 169.6 135.8 125.1	TI FPD 111.2 90.7 91.1 90.7 94.1 94.3 94.4 94.3 94.4 94.5 94.6 94.7 94.8 94.9 94.1 </td
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM15 7SM89 714SM131	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881 3041151 3839824	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE RILEY	NO YES NO YES NO YES YES YES YES YES YES YES	C EPD 13.6 13.9 13.9 13.9 13.9 13.9 15.4 15.4 15.4 15.4 12.9 18.7 12.9 18.7 12.9 18.7 12.9	Left Content of the second sec	BI EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 -0.2 0.0 0.6 -1.7 1.0 0.3 0.1	 Acc .46 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 .93 	With EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 86.8	 Accc .49 .86 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 .91 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .69 123.4 .66 116.1 .54 166.3 .59 118.3 .83 135.3 .49	M C EPD I S.2 I S.4 I G.6 I S.4 I G.6 I S.4 I G.6 I S.4	CE .26 .62 .43 .26 .23 .28 .70 .40 .32 .56 .33 .31 .55 .26 .78	MIL EPD J 17.3 20.7 39.7 1 16.9 2 26.8 2 26.9 2 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.9 3 20.9 3 20.9 3 20.9 3		MWV EPD A 67.0 682.0 72.1 772.6 67.7 772.6 62.1 772.6 62.1 70.4 70.4 70.5 64.7 77.8 60.7 60.7 72.0	N S EP 6. 229 16. 322 22. 330 22. 27 17. 322 22. 331 24. 332 22. 334 14. 40 15. 34 14. 35 13. 361 14. 37 13. 38 14. 39 13. 304 18. 315 13. 316 10.	TAU D Accc Q .31 4 .50 2 .39 31 .31 5 .29 1 .32 6 .63 7 .36 6 .32 3 .45 5 .32 5 .32 5 .40 .31 .31 6 .72	D0 EPD 19.3 15.9 -2.2 14.2 14.1 14.7 14.9 15.1 16.5 16.7 16.3 16.7 16.7 16.7	Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .53 .73 .45 .85	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1 60.2	 ✔ Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .48 .49 .69 .43 .79 	Y(EPD 16 14 01 30 18 27 37 31 .001 .17 18 44 18 .001 .17 18 46 04	G Acc .34 .48 .31 .32 .32 .33 .58 .37 .58 .37 .54 .37 .37 .52 .35 .59	MA EPD 1.07 .73 1.14 .45 .43 .60 .76 .64 .23 .23 .23 .23 .23 .42 .94 .47	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .69 .43 .44 .65 .42	F/ EPD 010 036 034 010 044 068 035 012 015 024 083 005 037 037	AT ACC ACC ACC ACC ACC ACC ACC A	RI EPD 1.09 .61 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31	EA Acc 41 .41 .60 .63 .41 .38 .41 .38 .41 .73 .55 .46 .45 .45 .45 .45 .45 .45 .45 .45 .45	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 125.1 125.1 125.1 183.4	TI FPD 111.2 90.7 91.1 90.7 94.3 94.3 94.3 94.3 94.3 94.4 94.3 94.4 94.5 94.6 84.8 97.7 90.6 92.6 77.1 101.0 90.1
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM115 7SM89 714SM131 7SM75	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881 3041151 3839824 2694778	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE RILEY ROBUST	NO YES NO YES NO YES YES YES YES YES YES YES NO YES	C EPD 13.6 13.9 13.9 13.9 13.9 13.9 13.9 15.4 15.4 15.0 14.3 17.1 12.9 18.7 12.9 11.6 15.6 8.2	Acc Acc .70 .78 .42 .70 .78 .43 .50 .79 .62 .61 .71 .55 .68 .43	B\ EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 -0.2 0.0 -1.7 1.0 0.3 0.1 2.2	 ✔ Acc .46 .89 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 .93 .94 	 WW EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 86.8 92.4 	 ₩ Accc .49 .86 .49 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 .91 .92 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 138.4 .54 79.9 .87 121.9 .69 121.4 .66 116.1 .54 166.3 .59 138.4 .64 138.5 .49 135.3 .49	M C EPD 9.5 8.4 8.4 8.4 8.3 8.4 9.5 8.3 9 8.4 9 8.4 9 8.4 9 8.4 9 8.4 9 8.9 9 8.9 9 8.8 9 5.9 10 11.0 11.0 11.0	CE Acc .26 .62 .23 .23 .23 .23 .23 .23 .23 .23 .31 .55 .26 .78 .79	MIL EPD J 17.3 20.7 39.7 20.7 16.9 2 26.8 2 26.9 2 26.9 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 10.0 2 20.7 2 10.7 2 20.7 2 10.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 2 20.7 20.7		Herb A 67.0 667.0 682.0 61.1 72.6 77.6 62.1 70.4 64.7 70.8 64.7 75.8 60.7 77.4 64.7 79.8 60.7 77.0.0	N S EP 66. 229 16. 129 16. 120 12. 121 12. 122 17. 123 12. 124 14. 131 14. 143 16. 154 14. 162 15. 124 16. 125 13. 126 13. 127 10. 128 12.	TAY Acco 9 .31 4 .50 2 .39 1 .31 5 .29 6 .63 7 .36 0 .32 3 .45 5 .32 5 .40 0 .32 5 .40 6 .72 5 .75	Di EPD 19.3 15.9 -2.2 14.2 14.7 14.7 14.7 15.1 15.1 16.5 16.7 15.1 16.7 15.3 16.2 17.6	Acc 45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47 .53 .73 .45 .85 .85	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1 60.2 31.2	 ₩ Acc .43 .65 .69 .42 .45 .77 .60 .49 .73 .48 .49 .69 .43 .79 .79 	Y(EPD 16 14 30 30 32 31 .00 .17 18 46 46 32 32	G Acc .34 .48 .51 .32 .32 .32 .32 .32 .33 .33 .37 .52 .33 .35 .52 .59 .60	MA EPD 1.07 .47 .73 .43 .43 .60 .76 .64 .23 .71 .23 .42 .94 .47 .51	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .47 .43 .43 .44 .65 .42 .79 .78	F/ EPD 010 036 034 010 044 068 035 .012 .015 024 083 005 037 060 078	A A A A A A A A A A A A A A	RI EPD 1.09 .61 .50 1.09 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31 .72	EA Acc 41 .41 .63 .41 .38 .41 .38 .41 .38 .41 .55 .45 .45 .45 .45 .45 .45 .45 .45 .45	API EPD 187.3 154.2 154.2 167.3 165.4 165.4 165.4 165.4 124.9 169.6 135.8 125.1 183.4 128.9	TI FPD 111.2 90.7 91.1 92.3 94.3 94.3 94.3 94.3 94.3 94.4 94.3 94.4 94.5 94.6 88.8 77.7 90.6 97.1 101.0 90.1 86.1
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM15 7SM99 714SM131 7SM75 7SM72	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3613881 3041151 3839824 2694778 2605922	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE RILEY ROBUST SUBSTANCE	NO VES NO VES NO VES VES VES VES VES VES VES VES VES VES	C EPD 13.6 10.2 13.9 13.9 15.0 15.0 14.3 17.1 12.9 18.7 12.9 11.6 15.6 8.2 9.1	Acc .42 .70 .78 .43 .50 .79 .62 .61 .71 .58 .55 .68 .43 .80 .79	B\ EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 .0.0 .0.2 0.0 .0.6 -1.77 1.0 0.3 0.1 2.0 1.10	 ✔ Acc .46 .89 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 .93 .94 	 WW EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 86.8 92.4 85.1 76.8 	 ✔ Acc .49 .86 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 .91 .92 .85 	YW EPD Acc 143.1 .49 127.6 .84 127.6 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .66 121.4 .54 166.3 .59 118.3 .83 135.3 .49 131.6 .92 131.6 .92 112.0 .85	M C EPD 9.5 EPD 8.4 9.5 8.3 8.4 9.5 8.3 9.5 8.4 9.5 8.4 9.5 8.4 9.5 7.4 9.9 8.9 9.5 7.8 8.8 5.9 1.0 1.0 1.10 .1	CE Accc .26 .22 .43 .26 .23 .28 .70 .40 .32 .55 .55 .26 .78 .79 .66	MIL EPD J 17.3 20.7 39.7 16.9 26.8 2 26.9 2 26.1 2 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.7 3 20.9 3 17.3 3 20.9 3 17.8 3	.K .21 .21 .21 .67 .33 .21 .21 .18 .21 .76 .32 .23 .21 .24 .23 .25 .21 .26 .21 .23 .21 .24 .23 .25 .21 .26 .21 .27 .23 .28 .21 .29 .21 .33 .35 .21 .35	MWV EPD A 67.9 82.9 81.1 75.1 75.1 75.1 75.1 61.1 75.1 61.2 75.4 70.4 70.4 70.5 64.7 70.8 60.7 60.3 60.3 60.3	N S EP 66. 229 16. 129 16. 120 12. 121 12. 122 17. 123 12. 124 14. 131 14. 143 16. 154 14. 162 15. 124 16. 125 13. 126 13. 127 10. 128 12.	TAY Accc 9 .31 4 .50 2 .39 1 .31 5 .29 1 .31 6 .63 7 .36 0 .32 3 .45 5 .32 5 .32 5 .40 4 .31 6 .72 5 .75 5 .75	D(EPD 19.3 15.9 -2.2 14.2 14.7 14.9 17.2 16.5 15.1 16.7 15.3 16.2 17.2 8.0	Acc 45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .73 .73 .73 .85 .85 .86 .74	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1 60.2 31.2 27.0	 ₩ Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .73 .48 .49 .69 .43 .79 .79 .69 .69 	Y(EPD 16 174 01 01 30 18 31 .00 .171 18 46 32 36 36	G Acc .34 .48 .51 .32 .32 .32 .32 .32 .33 .33 .37 .52 .33 .35 .52 .59 .60	MA EPD 1.07 .47 .73 .43 .43 .60 .76 .64 .23 .71 .23 .42 .94 .47 .51	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .47 .43 .43 .44 .65 .42 .79 .78	F/ EPD 010 036 034 010 044 068 035 012 015 024 005 005 005 007 078 078	ACC ACC ACC ACC ACC ACC ACC ACC	RI EPD 1.09 .61 .50 1.09 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31 .72	EA Acc 4.1 .60 .63 .41 .38 .41 .38 .41 .73 .55 .46 .46 .45 .45 .67 .41 .73 .78 .78	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 169.6 135.8 125.1 183.4 128.9 133.6	TI FPD 111.2 90.7 97.8 105.3 94.1 94.2 94.3 94.4 94.7 94.8 79.9 88.8 77.1 101.0 90.1 86.1
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM15 7SM89 714SM131 7SM75 7SM72 7SM83	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881 3041151 3839824 2605922 2902090	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE RILEY ROBUST SUBSTANCE UNIFIED	NO YES NO YES NO YES YES YES YES YES YES YES YES YES YES	C EPD 13.6 10.2 13.9 16.4 15.4 15.4 15.4 15.4 17.1 12.9 11.6 15.6 8.2 9.1 16.7	Left Content of the second sec	BI EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 0.6 -1.7 1.0 0.3 0.1 2.0 1.9 -2.20	N Acc .46 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 .93 .94 .89	 WW EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 86.8 92.4 85.1 76.8 	 ✔ Accc .49 .86 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 .91 .92 .85 .94 	YW EPD Acc 143.1 .49 127.6 .84 127.6 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .66 121.4 .54 166.3 .59 118.3 .83 135.3 .49 131.6 .92 131.6 .92 112.0 .85	M C EPD S EPD S EPD S EPD S EPD S S <	CE Accc .26 .23 .26 .23 .28 .70 .40 .32 .56 .33 .31 .55 .26 .78 .79 .66 .84	MIL EPD J 17.3 20.7 39.7 16.9 26.8 2 26.8 2 26.9 30.9 20.7 10.0 27.5 2 20.7 19.9 17.3 2.5.9 17.8 17.7	.K Accc .211 .67 .333 .21 .761 .762 .763 .21 .764 .201 .764 .215 .216 .217 .218 .219 .210 .210 .221 .231 .241 .253 .211 .232 .231 .231 .231 .231 .231 .231 .231 .231 .231 .231 .231 .332 .333 .333 .334 .335 .335 .335 .335 .335 .335 .335 .335 .335	MWV EPD A 67.9 67.0 82.9 61.1 77.6 57.6 62.1 77.0.4 62.1 70.4 70.5 70.6 70.7 64.7 70.8 60.7 70.8 60.7 60.3 55.61	Image: Normal System Image: Normal System 200 16.0 12.0 201 16.0 12.0 202 17.0 12.0 202 17.0 12.0 202 17.0 12.0 202 17.0 12.0 202 17.0 12.0 203 12.0 12.0 204 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0	TAY Accor 31 4 5 2 31 4 5 2 31 5 6 6 7 36 7 36 5 30 5 31 5 4 31 5 4 31 5 4 31 5 4 32 4 33 5 4 31 5 6 5 6 5 6 7 6 7 6 7 6 7 6 7 7 7	D(EPD 19.3 15.9 -2.2 14.2 14.2 14.4 14.7 14.9 17.2 16.5 16.7 15.1 16.7 15.3 16.2 17.2 8.0 6.1	DC Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47 .53 .73 .45 .85 .86 .74 .89	C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1 60.2 31.2 27.0 53.0	 ₩ Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .73 .48 .49 .69 .43 .79 .69 .80 	Y(EPD 16 17 18 18 17 31 00 18 14	G Acc .34 .34 .51 .34 .32 .35 .45 .37 .58 .37 .38 .37 .38 .37 .35 .35 .35 .35 .35 .52 .52 .52 .52 .52 .52	MA EPD 1.07 .47 .73 .43 .43 .60 .76 .64 .23 .71 .23 .42 .94 .42 .94 .47 .51 .21 .18	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .47 .47 .44 .65 .42 .79 .78 .65 .78	F/ EPD 010 036 034 044 068 035 012 044 068 035 012 037 005 037 060 078 013 013	Arc. Acc.	RI EPD 1.09 .61 .50 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31 .72 .45 .70	EA Acc .41 .60 .63 .41 .38 .41 .38 .41 .73 .55 .46 .46 .45 .45 .45 .45 .45 .45 .45 .45 .45 .45	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 162.6 153.2 153.2 153.2 125.1 183.4 125.1 183.4 125.1 133.6	TI FPD 111.2 90.7 91.1 94.1 94.3 94.4 94.3 94.3 94.4 94.3 94.3 94.4 94.5 88.8 77.7 90.6 92.6 77.1 101.0 90.1 86.1 77.6 87.0
SIMANO Code No. 714SM132 14SM3085 7SM128 2SM130 7SM133 7SM134 7SM71 7SM84 14SM3100 7SM94 714SM114 7SM15 7SM89 714SM131 7SM75 7SM72 7SM83 237SM1023	Reg No. 3839825 2891389 3582543 3839805 3909662 3701575 2593861 2934717 3459266 3111910 3619117 3613881 3041151 3839824 2694778 2605922 2902090 2614725	Code Name BLUEMONT COWBOY UP FLAT IRON FLINT HILLS GOLD STRIKE HILGER ONE IN FORCE MADISON NITRO PAYWEIGHT PREDICTABLE PROMOTER RAPID FIRE RILEY ROBUST SUBSTANCE UNIFIED UNIFIED	NO YES NO YES NO YES YES YES YES YES YES YES YES YES YES	C EPD 13.6 10.2 13.9 13.9 13.9 16.4 15.4 15.4 15.4 15.4 15.4 15.4 15.4 15	Acc Acc .70 .78 .42 .70 .78 .43 .50 .62 .61 .711 .58 .55 .68 .43 .80 .77 .83 .42	B EPD 0.9 2.3 -1.8 1.8 0.1 -2.2 -4.0 -0.2 0.0 -0.2 0.0 0.1 -1.7 1.0 0.3 0.1 2.0 1.9 -2.0 1.2	N Acc .46 .89 .47 .61 .90 .75 .71 .86 .64 .71 .87 .46 .93 .94 .89	With EPD 101.2 96.6 88.6 94.0 91.7 56.6 73.2 79.0 87.0 74.6 100.2 71.1 86.8 92.4 85.1 76.8 99.0 89.2	 ✓ Acc .49 .86 .49 .55 .87 .71 .65 .83 .54 .63 .84 .49 .91 .92 .85 .94 .46 	YW EPD Acc 161.2 .49 143.1 .84 127.6 .84 145.7 .50 151.1 .50 138.4 .54 79.9 .87 121.9 .69 123.4 .66 116.1 .54 166.3 .59 118.3 .83 135.3 .49 136.4 .91 131.6 .92 112.0 .85 122.4 .93	M C EPD S EPD S EPD S EPD S EPD S EPD S S	CE Acc .26 .23 .26 .23 .28 .23 .28 .70 .40 .33 .31 .55 .26 .78 .79 .66 .84 .26	MIL EPD J 17.3 20.7 39.7 20.7 16.9 2 26.8 2 26.9 2 26.9 2 20.7 3 30.9 2 10.0 2 27.5 2 29.7 1 19.9 1 17.3 2 25.9 1 17.7 1	.K Acc .21 .67 .33 .18 .21 .76 .32 .76 .32 .32 .33 .21 .332 .333 .334 .335 <t< td=""><td>MWV EPD A 67.0 682.0 72.1 772.6 57.7 62.1 772.6 62.1 70.4 64.7 75.5 64.7 77.0.8 64.7 77.0.8 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 </td><td>Image: Normal System Image: Normal System 200 16.0 12.0 201 12.0 12.0 202 12.0 12.0 202 12.0 12.0 202 12.0 12.0 202 12.0 12.0 202 12.0 12.0 203 12.0 12.0 204 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 12.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0 205 13.0 13.0</td><td>TAY Accc 31 4 50 4 5 2 31 5 6 6 7 33 45 3 45 5 3 45 5 40 33 45 5 40 31 45 5 4 31 4 33 4 34 35 4 36 5 4 37 5 5 5 6 5 6 5 6 5 6 7 7 7 7 7</td><td>D(EPD 19.3 15.9 -2.2 14.2 14.1 14.7 14.9 17.2 16.5 16.7</td><td>DC Acc .45 .75 .70 .45 .41 .14 .80 .55 .60 .74 .47 .53 .73 .45 .85 .86 .74 .89 .45</td><td>C EPD 60.5 42.8 39.2 42.0 51.1 39.9 -4.1 36.5 34.5 57.0 36.1 49.1 56.6 42.1 60.2 31.2 27.0 53.0 39.4</td><td> ₩ Acc .43 .65 .69 .43 .42 .45 .77 .60 .49 .73 .48 .49 .69 .43 .79 .79 .69 .80 .42 </td><td>Y(EPD 16 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 14 15 16 16 11 104 105 106 255</td><td>G Acc .34 .48 .51 .34 .32 .35 .45 .37 .58 .37 .54 .38 .37 .52 .59 .60 .52 .61 .34</td><td>MA EPD 1.07 .47 .73 .43 .43 .60 .76 .64 .23 .71 .23 .42 .94 .42 .94 .47 .51 .21 .18</td><td>RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .47 .47 .44 .65 .42 .79 .78 .65 .78</td><td>F/ EPD 010 036 034 044 068 035 .012 .015 024 083 005 037 037 060 078 008 008 008</td><td>A Acc 3 .56 .56 .36 .36 .36 .33 .35 .36 .33 .36 .36 .370 .36 .36 .36 .36 .36 .370 .36 .36 .36 .36 .36 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37</td><td>RI EPD 1.09 .61 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31 .72 .70 1.14 1.31 .72 .70 1.14</td><td>EA Acc 4.11 .600 .63 .41 .338 .41 .73 .55 .41 .66 .45 .45 .45 .45 .45 .41 .41 .73 .41 .73 .41 .41 .41 .41 .41 .41 .41 .41</td><td>API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 165.4 125.1 169.6 135.8 125.1 183.4 128.9 133.6 131.8</td><td>TI FPD 111.2 90.7 91.1 90.7 94.3 94.3 94.3 94.3 94.4 94.3 94.3 94.4 94.5 84.6 97.7 90.6 92.6 77.7 90.6 92.6 77.7 90.6 92.6 77.7 90.6 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 74.7 92.6 75.7 82.7 92.6 92.7 92.6 92.7 92.7 92.7 <!--</td--></td></t<>	MWV EPD A 67.0 682.0 72.1 772.6 57.7 62.1 772.6 62.1 70.4 64.7 75.5 64.7 77.0.8 64.7 77.0.8 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7 60.7	Image: 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1.07 .47 .73 .43 .43 .60 .76 .64 .23 .71 .23 .42 .94 .42 .94 .47 .51 .21 .18	RB Acc .42 .58 .62 .41 .37 .38 .75 .51 .47 .47 .47 .44 .65 .42 .79 .78 .65 .78	F/ EPD 010 036 034 044 068 035 .012 .015 024 083 005 037 037 060 078 008 008 008	A Acc 3 .56 .56 .36 .36 .36 .33 .35 .36 .33 .36 .36 .370 .36 .36 .36 .36 .36 .370 .36 .36 .36 .36 .36 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37 .37	RI EPD 1.09 .61 1.02 .88 .46 1.05 .42 .21 .72 1.29 .70 1.14 1.31 .72 .70 1.14 1.31 .72 .70 1.14	EA Acc 4.11 .600 .63 .41 .338 .41 .73 .55 .41 .66 .45 .45 .45 .45 .45 .41 .41 .73 .41 .73 .41 .41 .41 .41 .41 .41 .41 .41	API EPD 187.3 154.2 167.3 196.9 157.1 165.4 148.1 165.4 125.1 169.6 135.8 125.1 183.4 128.9 133.6 131.8	TI FPD 111.2 90.7 91.1 90.7 94.3 94.3 94.3 94.3 94.4 94.3 94.3 94.4 94.5 84.6 97.7 90.6 92.6 77.7 90.6 92.6 77.7 90.6 92.6 77.7 90.6 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 77.7 92.6 74.7 92.6 75.7 82.7 92.6 92.7 92.6 92.7 92.7 92.7 </td

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7AR87 9 MILE FRANCHISE 6305









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 is a true sire of difference making females. His daughters excel in udder quality and maternal broody appearance.
- **V** His daughters are recognized as matrons of outstanding herd sires.
- FRANCHISE is No. 5 in the breed for registrations and still remains a household name for calving ease and phenotype.
- Use FRANCHISE to make the next great wave of females. Available in *gender* SELECTED female semen
 From 0. *Mile* Renab. *WA* and *Bioger* Red Argue *NE*.

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



Son, Bieber Red Angus, SD



Son, Bieber Red Angus, SD

EPDs as of	11/01/22																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	104	36	68	16	-5.2	57	106	.31	2.11	38	4	10	12	10	.50	.04	42	.64	.04
Acc				.82	.93	.91	.91	.91	.36	.74	.48	.63	.70	.54	.54	.40	.62	.52	.34
% Rank	32	79	10	16	7	66	37	13	92	1	53	72	2	91	33	35	9	4	87

7AR100 BIEBER JUMPSTART J137







RAAA: 4463653 DOB: 01/20/21 TAT: J137 BIEBER CL ATOMIC C218 SIRE: BIEBER CL ENERGIZE F121 BIEBER CL ADELLE 575D GMRA TRINITY 5222 DAM: BIEBER GALLEE 390G BIEBER GALLEE 550D

- JUMPSTART was the single most sought-after sire of the 2022 sale season, commanding a record setting \$185,000.
- He is an absolute physical specimen that is extremely athletic with tremendous design. He is wide, square hipped and offers great foot shape and heel depth.
- No matter the breed, there are few sires who offer the balance of phenotype and data that JUMPSTART does.
- He ranks in the top 1% for six different traits! He can improve phenotype and data in one swoop.
- JUMPSTART is seeing heavy use in progressive herds and is a must-use sire for 2023!

From Bieber Red Angus Ranch, SD; Schuler-Olsen Ranches, NE; Wedel Beef Genetics and Anderson Land and Cattle, KS and Twedt Red Angus, ND

JUMPSTART is a sire that puts together a suite of data second to none. He pushes growth to the top of the breed and offers a collection of fertility traits that are outstanding. An EPD combination like that doesn't show up in such a stylish package every day and his outstanding carcass traits will make it hard to find another sire that does it as well as him.

Craig Bieber, Bieber Red Angus Ranch

EPDs as	of 11/01/2	2																	
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPE) 122	54	69	16	-3.2	87	152	.41	2.54	29	33	17	10	16	.54	.06	48	.61	.04
Ac)			.46	.49	.47	.48	.48	.17	.13	.12	.21	.23	.29	.36	.31	.40	.38	.31
% Ran	(12	56	5	10	25	1	1	1	99	17	99	1	5	44	23	51	1	1	89

Fall 2022 Red Angus Breed Average EPDs **Production:** ProS: 91 HB: 54 GM: 37 CED: 13 BW: -1.8 WW: 62 YW: 100 ADG: .23 DMI: 1.46 **Maternal:** Milk: 25 ME: 3 HPG: 11 CEM: 7 STAY: 15 **Carcass:** MARB: .42 YG: .06 CW: 24 REA: .14 FAT: .02

7AR85 KCC **EXCELLENCE** 139-774





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

回約時	 Open camera.
TAT:	774
DOB:	03/07/17
RAAA:	3774413



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- EXCELLENCE is a sleep all night heifer sire offering so much more.
- Elite for his calving ease, EXCELLENCE also excels for both HB and ProS predictions.
- Iust like a fine wine, EXCELLENCE gets better with age and gains in popularity.
- He is long and extended with extra hip/pin width and great rib shape. In addition to making great red angus progeny, he also proved to be a tremendous mating option on continental cattle.
- ♦ EXCELLENCE is a great heifer project sire. Use him with confidence.

From Kniebel Farms, KS and All Beef LLC, IL



Son, Kniebel Cattle Company, KS



Son, Kniebel Cattle Company, KS

EPDs as of 11/01/22

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	121	75	46	19	-7.0	50	86	.23	1.33	29	-3	10	11	17	.41	15	14	.32	03
Acc				.73	.86	.83	.82	.82	.32	.36	.35	.26	.42	.40	.55	.45	.57	.56	.48
% Rank	16	18	33	3	1	86	74	53	37	21	19	73	6	30	50	4	77	20	3

0

7AR98 BROWN JRAR END ZONE H6629





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



The delivers a salahood combination of carring case, growth
carcass value in a package that will also produce functional
replacement females.
He is a big spread sire ranking near the top of the breed for
multitude of twelte including OF DW/ LIDO Merch DEA Oridi

elite carcass merit and added maternal value.

He is a big spread sire ranking near the top of the breed for a multitude of traits including CE, BW, HPG, Marb, REA, GridMaster and ProS.

END ZONE is an exciting calving ease sire out the RAB program with

He delivers a balanced combination of calving ease, growth and

- END ZONE displays the look and physique of a true beef sire. He is medium framed, long bodied and heavy muscled, with excellent foot quality.
- He is a great choice for both seedstock and commercial producers where type, performance and end-product value are a must.
- He is a maternal brother to Oracle and Fantastic. END ZONE's dam is a donor cow in the R.A. Brown Ranch herd.

From R.A. Brown Ranch, TX and Jennings Ventures Cattle Company, TX

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EPDs as of	EPDs as of 11/01/22 Dam of END ZUNE																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	156	81	76	17	-5.1	64	106	.26	1.78	28	8	16	10	17	.81	.05	38	.50	.04
Acc				.46	.49	.48	.48	.48	.23	.28	.16	.33	.32	.37	.42	.34	.45	.40	.35
% Rank	1	10	3	6	6	35	31	28	81	26	77	3	6	28	3	45	8	3	88

7AR94 BIEBER BLUE CHIP H302





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

EDDs as of 11/01/22



02/27/20

RAAA: 4303789

DOB:

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- BLUE CHIP ranks near the top of the breed for all three Calving Ease traits, CED, BW and CEM.
- In addition to his elite Calving Ease, he excels for Marbling, REA and both ProS and HB indexes.
- ٥ BLUE CHIP is a 6.0 frame with added muscle shape, depth of rib and excellent feet.
- ٥ He had individual ratios of 86 for BW, 103 for WW, 103 for YW, and 137 for IMF.
- ٥ This 7AR86 STOCKMARKET son is an excellent choice for commercial Red Angus heifer projects.

From Bieber Red Angus Ranch, SD

LIDS as UL	11/01/22																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	145	91	54	18	-5.0	73	117	.28	2.01	28	6	10	11	20	.94	.05	15	.37	.06
Acc				.44	.45	.43	.44	.44	.17	.19	.17	.31	.24	.29	.36	.31	.39	.37	.31
% Rank	5	5	22	7	8	17	19	24	88	29	63	72	6	5	2	39	72	15	95

7AR88 5L BLAZIN STEEL 6120-81C





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
回报道	Open camera.



EPDs as of 11/01/22

LI D3 U3 UI	11/01/22																	
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA
EPD	145	116	28	16	-4.3	60	99	.25	1.98	26	4	15	9	24	.31	.15	33	.10
Acc				.67	.81	.77	.77	.77	.33	.39	.29	.40	.41	.30	.51	.40	.52	.50
% Rank	5	1	62	13	14	56	50	43	87	41	53	12	21	1	70	82	23	52

Fall 2022 Red Angus Breed Average EPDs Production: ProS: 91 HB: 54 GM: 37 CED: 13 BW: -1.8 WW: 62 YW: 100 ADG: .23 DMI: 1.46 Maternal: Milk: 25 ME: 3 HPG: 11 CEM: 7 STAY: 15 Carcass: MARB: .42 YG: .06 CW: 24 REA: .14 FAT: .02



- BLAZIN STEEL is one of the phenotype standouts at the 5L program. ٥ He has the cow-maker phenotype.
- BLAZIN STEEL has breed-leading CE, HPG, STAY, ProS and HB. ٥
- If you are rebuilding, he is a must-use heifer sire to leave behind an outstanding pen of replacements.

From 5L Ranch, MT



Dam of BLAZIN STEEL

7AR89 HXC GRINDSTONE 9908G





Open camera. 🔳 👔 Scan code. 🖬 Click to learn more. 🔳



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

Carcass Weight and GridMaster.

From Hueftle Cattle Company, NE

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LEACHMAN PLEDGE A282Z SIRE: HXC ALLEGIANCE 5502C HXC 100Y

He posted individual growth ratios of 115 for WW, 115 for YW and 115 for ADG.

V His early calf reports look very good. The calves exhibit added muscle and base width.

O GRINDSTONE combines phenotype, performance and carcass merit in one complete package. He is a power sire loaded with muscle, depth of rib and length of body in a 6.2 frame score.

GRINDSTONE is loaded with growth and carcass merit, as he ranks near the top of breed for REA, Marbling,

SPUR FRANCHISE OF GARTON DAM: HXC 605D HXC 905W



Son, Hueftle Cattle Company, NE



Son, Hueftle Cattle Company, NE

EPDs as of 2	11/01/22																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	122	39	83	8	0.6	76	127	.32	2.10	26	10	13	4	14	.69	.08	56	.58	.03
Acc				.57	.74	.68	.63	.63	.24	.20	.19	.25	.29	.30	.41	.33	.50	.42	.27
% Rank	15	75	3	91	86	12	9	9	91	44	81	34	91	63	11	54	2	6	68

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

14AR2094 5L TOPGUN 560-65B





BUF CRK THE RIGHT KIND U199 SIRE: 5L ADVANTAGE 3267-221Y 5L ADINA 195-3267 TC STOCKMAN 365

5L ADINA 293-525

DAM: 5L BLACK ADINA 525-560

RAAA:	1701524
DOB:	02/09/14
TAT:	65B





- OF TOP GUN is one of the most well-proven calving sires in the lineup that brings the valuable end-product merit.
- His daughters are low maintenance and fertile. \Diamond
- TOP GUN remains a valuable sire in the 5L, Croissant and \Diamond Solid Rock programs.

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



Son, Croissant Red Angus, CO

EPDs as of 11/01/22

	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	117	54	62	19	-6.6	54	90	.22	1.08	20	-6	21	8	10	.64	14	14	.25	04
Acc				.77	.89	.87	.87	.87	.46	.72	.48	.72	.65	.57	.70	.53	.71	.66	.60
% Rank	19	52	13	3	2	76	68	58	19	85	12	1	28	93	15	4	76	28	3

14AR2091 LSF RHO NIGHT FOCUS 76B





- NIGHT FOCUS is an excellent outcross calving ease sire offering double digit CED with breed-leading growth.
- In addition to calving ease, he provides excellent maternal value excelling for HPG, STAY and HerdBuilder.
- NIGHT FOCUS daughters are moderate framed and easy fleshing, with added depth of rib.
- NIGHT FOCUS provides strong maternal value. He ranks in the top 5% of breed for Marbling, CW and ProS.
- He provides mating flexibility with no P707 in his pedigree.
- NIGHT FOCUS is an excellent choice for commercial heifer A.I. projects.

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

MESSMER PACKER S008 SIRE: LSF NIGHT CALVER 9921W LSF DELLA P4078 U8051 MYTTY IN FOCUS DAM: RHODES BN MINERVA Z532 **BIEBER MINVERA207X**

RAAA:	1725295
DOB:	09/06/14
TAT:	76B
回版	Open camera. Scan code.



EPDs as of 11/01/22

EI 03 03 01	11/01/22																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	182	109	72	15	-3.1	76	114	.24	1.66	30	-7	18	8	18	.89	.23	48	.27	.06
Acc				.69	.83	.78	.77	.77	.47	.51	.34	.40	.47	.38	.53	.40	.55	.46	.43
% Rank	1	1	7	21	28	12	23	49	66	14	10	2	30	19	2	97	5	25	98

Fall 2022 Red Angus Breed Average EPDs Production: ProS: 91 HB: 54 GM: 37 CED: 13 BW: -1.8 WW: 62 YW: 100 ADG: .23 DMI: 1.46 Maternal: Milk: 25 ME: 3 HPG: 11 CEM: 7 STAY: 15 Carcass: MARB: .42 YG: .06 CW: 24 REA: .14 FAT: .02

\$30

14AR2093 SCHULER SUPREMACY 7177E



N/A



5L BOURNE 117-48A SIRE: 5L BOURNE 670-111C 5L ADINA 2174-670 SCHULER ENDURANCE 210

RAAA:	3778501
D0B:	03/28/17
TAT:	7177

SCHULER ENDURANCE 2101Z DAM: SOR KARVE ENDRANCE 4205B

SOR KARVE PCKR 2625Z



- SUPREMACY is the next generation in proven calving ease sires from Schuler Red Angus..
- He delivers an exceptional balance of fertility, longevity and maternal calving ease making him a great choice to build profitable cow herds.
- SUPREMACY 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.
- SUPREMACY ranks near the top of the breed for maternal traits of Heifer Pregnancy, Stayability and HerdBuilder index.
- He is another ideal Red Angus sire for commercial heifer projects where calving ease and maternal value are highly regarded.

From Schuler-Olsen Ranches, Inc., NE

EPDs as of	11/01/22																		
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	124	79	45	15	-3.1	59	103	.28	1.56	21	8	14	9	19	.43	03	18	.24	.00
Acc				.71	.85	.82	.83	.83	.30	.42	.37	.55	.47	.37	.62	.50	.64	.61	.55
% Rank	14	14	34	23	28	61	43	25	57	80	74	23	19	15	46	14	66	29	24

14AR2075 SCHULER REBEL 0029X





- REBEL remains the easy answer for sleep all night calving with excellent calf vigor.
- He offers the convenient suite of CE, Milk, ME, CEM and HB, ranking in the top third of the breed.
- We consider him one of the best large heifer project sires in the industry.

From Schuler-Olsen Ranches, Inc. and Simpson Ranch, NE

BECKTON NEBULA M045 SIRE: BECKTON NEBULA P P707 BECKTON LANA M809 EP BIEBER ROMERO 9136 DAM: SOR RUTH RMR 5055R SOR RUTH NE 0095K

RAAA:	1382355
D0B:	03/09/10
TAT:	0029X
99% Ca	itegory 1B





Son, Schuler-Olsen Ranches, Inc., NE

EPDs as of	11/01/22						-												
	ProS	HB	GM	CED	BW	WW	YW	ADG	DMI	MM	ME	HPG	CEM	STAY	MARB	YG	CW	REA	BF
EPD	91	76	16	19	-5.3	63	100	.23	1.81	39	-1	12	10	17	.44	.25	16	40	.03
Acc				.80	.91	.89	.89	.89	.53	.78	.55	.81	.69	.61	.78	.60	.79	.77	.73
% Rank	49	18	81	3	6	46	49	51	77	1	26	53	9	34	44	97	70	99	77

 Fail 2022 Red Angus Breed Average EPDs
 Production:
 ProS: 91
 HB: 54
 GM: 37
 CED: 13
 BW: -1.8
 WW: 62
 YW: 100
 ADG: .23
 DMI: 1.46

 Maternal:
 Milk: 25
 ME: 3
 HPG: 11
 CEM: 7
 STAY: 15
 Carcass:
 MARB: .42
 YG: .06
 CW: 24
 REA: .14
 FAT: .02

ALL RED ANGUS SIRES AVAILABLE

				ProS	HB	GM	C	Ε	B	W	W	w	Y۱	N	D	IN	Μ	М	Μ	E	HI	PG	CE	M	ST	AY	MA	RB	Y	G	C	W	R	EA	F/	AT
Code No.	Reg No.	Code Name	¥	EPD	EPD	EPD	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Ac
7AR88		BLAZIN STEEL	YES	145	116	28	16	.67	-4.3	.81	60	.77	99	.77	1.98	.33	26	.39	4	.29	15	.40	9	.41	24	.30	.31	.51	.15	.40	33	.52	.10	.50	.03	.41
7AR94	4303789	BLUE CHIP	YES	145	91	54	18	.44	-5.0	.45	73	.43	117	.44	2.01	.17	28	.19	6	.17	10	.31	11	.24	20	.29	.94	.36	.05	.31	15	.39	.37	.37	.06	.31
7AR73	1725110	CINCH	YES	34	47	-13	13	.80	-2.9	.91	70	.89	112	.88	1.49	.42	27	.75	2	.43	9	.54	6	.70	15	.55	02	.59	.19	.48	19	.66	17	.65	.04	.44
7AR84	3877205	DECISION	YES	119	70	49	16	.43	-5.0	.46	55	.46	85	.46	1.66	.21	26	.25	14	.13	19	.27	9	.28	17	.36	.91	.38	.09	.33	12	.42	10	.39	.02	.34
7AR77	3497039	EFFICIENT	YES	82	42	40	15	.68	-3.2	.79	62	.75	105	.75	1.69	.47	28	.50	10	.34	9	.47	8	.48	15	.43	.36	.58	.11	.43	30	.58	08	.53	.00	.44
7AR98	4232984	END ZONE	NO	156	81	76	17	.46	-5.1	.49	64	.48	106	.48	1.78	.23	28	.28	8	.16	16	.33	10	.32	17	.37	.81	.42	.05	.34	38	.45	.50	.40	.04	.35
7AR85	3774413	EXCELLENCE	YES	121	75	46	19	.73	-7.0	.86	50	.83	86	.82	1.33	.32	29	.36	-3	.35	10	.26	11	.42	17	.40	.41	.55	15	.45	14	.57	.32	.56	03	.48
7AR66	1551325	EXCLUSIVE	YES	99	40	59	12	.69	-1.9	.83	64	.79	96	.79	1.22	.38	25	.65	5	.56	12	.55	5	.56	15	.45	1.23	.63	.42	.50	18	.67	45	.59	.10	.57
7AR87	3555188	FRANCHISE	YES	104	36	68	16	.82	-5.2	.93	57	.91	106	.91	2.11	.36	38	.74	4	.48	10	.63	12	.70	10	.54	.50	.54	.04	.40	42	.62	.64	.52	.04	.34
7AR89	4187454	GRINDSTONE	YES	122	39	83	8	.57	0.6	.74	76	.68	127	.63	2.10	.24	26	.20	10	.19	13	.25	4	.29	14	.30	.69	.41	.08	.33	56	.50	.58	.42	.03	.27
7AR100	4463653	JUMPSTART	YES	122	54	69	16	.46	-3.2	.49	87	.47	152	.48	2.54	.17	29	.13	33	.12	17	.21	10	.23	16	.29	.54	.36	.06	.31	48	.40	.61	.38	.04	.31
7AR79	3539663	LIBERTY	YES	73	12	61	15	.70	-3.8	.83	56	.80	98	.79	1.42	.36	26	.51	5	.31	12	.40	4	.51	11	.33	.72	.53	.09	.43	17	.58	18	.56	.00	.42
L4AR2091	1725295	NIGHT FOCUS	YES	182	109	72	15	.69	-3.1	.83	76	.78	114	.77	1.66	.47	30	.51	-7	.34	18	.40	8	.47	18	.38	.89	.53	.23	.40	48	.55	.27	.46	.06	.43
7AR83	3593074	PERSEVERANCE	YES	74	22	52	13	.62	-2.5	.73	61	.68	106	.66	1.36	.45	30	.38	9	.26	16	.39	4	.41	11	.37	.54	.48	.12	.38	20	.50	03	.46	.02	.38
7AR74	1694577	PRESTIGIOUS	YES	97	39	58	13	.76	-1.8	.88	65	.85	102	.85	.71	.57	18	.74	3	.44	15	.48	1	.67	16	.56	.53	.59	.05	.46	25	.63	.33	.55	.04	.50
7AR70	1607257	PURSUIT	YES	72	11	62	9	.67	-2.2	.80	70	.76	106	.74	1.24	.51	30	.56	5	.36	14	.47	4	.51	8	.44	.78	.54	.18	.42	31	.56	.01	.51	.04	.42
L4AR2075	1382355	REBEL	YES	91	76	16	19	.80	-5.3	.91	63	.89	100	.89	1.81	.53	39	.78	-1	.55	12	.81	10	.69	17	.61	.44	.78	.25	.60	16	.79	40	.77	.03	.73
7AR60	1363427	SAMURAI	YES	38	-10	48	14	.76	-3.7	.89	69	.86	110	.86	1.75	.39	25	.75	9	.54	7	.71	9	.70	6	.64	.75	.58	.32	.49	27	.65	38	.63	.05	.51
L4AR2073	1617230	SPARTACUS	YES	61	18	43	15	.81	-3.7	.93	76	.91	119	.91	2.05	.34	28	.81	3	.59	8	.79	9	.75	9	.65	.73	.66	.22	.52	28	.72	01	.65	.06	.58
4AR2093	3778501	SUPREMACY	YES	124	79	45	15	.71	-3.1	.85	59	.82	103	.83	1.56	.30	21	.42	8	.37	14	.55	9	.47	19	.37	.43	.62	03	.50	18	.64	.24	.61	.00	.55
4AR2094	1701524	TOPGUN	YES	117	54	62	19	.77	-6.6	.89	54	.87	90	.87	1.08	.46	20	.72	-6	.48	21	.72	8	.65	10	.57	.64	.70	14	.53	14	.71	.25	.66	04	.60
7AR81	3539014	X-PORTER	YES	62	-19	81	16	.74	-3.5	.87	68	.83	109	.84	.59	.70	31	.63	5	.38	14	.45	12	.61	-1	.44	.62	.59	.16	.43	43	.59	.56	.54	.08	.42

RAAA EPDs as of 11/01/22 = top 35 percent of the breed RED TEXT = semen available, but sire is not listed in directory 🌞 = Canadian availability

89

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

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7HP128 BIRDWELL **REDBIRD** 7098 0558ET





R LEADER 6964 SIRE: CHURCHILL RED BARON 8300F ET CHURCHILL LADY 500C ET EFBEEF BR VALIDATED B413 DAM: BR VALIDATED B413 6035 7098 BR BENNETT 4R Y428 2101 6035

Open camer Scan code. Click to learn more.	

AHA: 44254851

DOB: 11/04/20



- ♦ When opportunity knocks open the door!
- You can sort Hereford data in lots of directions and REDBIRD will sort to the top every time!
- His dam is one of the elite cows of the breed. She has a proven track record of making good calves. Use REDBIRD to make consistent replacement females.
- REDBIRD has tons of pigment, is athletic in his design and bred to change cattle for the better, just use him!

From Birdwell Ranch, OK





Dam of REDBIRD

programs from coast to coast.

7HP128 REDBIRD

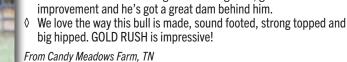
EPDs as of 11/10/22

1 00 00 01	11/10/1																				
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO, POLLE
EPD	13.2	0.0	72	111	.8	1.6	22.1	30	66	8.8	78	1.3	1.5	86	.077	.86	.51	469	586	165	
Acc	.39	.44	.40	.40	.13	.32	.26	.24		.21	.29	.38	.39	.23	.27	.22	.24				A.I. PERMITTE
% Rank	2	6	2	5	99	4	4	25	7	2	27	19	3	4	98	1	2	2	1	2	

7HP125 CMF 1720 **GOLD RUSH** 569G ET







Ø

٥

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



learn more

AHA: 44108010



This dark red Endure son is making a name for himself in prominent

GOLD RUSH offers advantages for calving ease, growth and carcass

Sire of GOLD RUSH

EPDS as of	11/10/4	22																			
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO, POLLED
EPD	8.0	2.6	71	110	.9	1.2	20.6	27	63	2.4	93	1.3	1.4	82	.057	.64	.61	445	567	168	
Acc	.42	.51	.49	.50	.16	.39	.28	.32		.29	.36	.46	.46	.24	.28	.23	.26				A.I. PERMITTED
% Rank	12	43	3	5	99	22	7	40	13	43	62	19	9	8	92	9	1	4	1	2	

CDDa as af 11/10/00

7HP120 BEHM 100W CUDA 504C







AHA: 43636764 DOB: 03/04/15 TAT: BEHM504C KCF BENNETT 3008 M326 SIRE: NJW 73S M326 TRUST 100W ET NJW P606 72N DAYDREAM 73S KCF BENNETT 9126J R294 DAM: BEHM R294 JASMAN102Y CPH MS WRANGLER 1W

OT

- CUDA is recognized as one of the best in the Hereford breed for his total package of phenotype and genetic excellence.
- He is a proven breed leader combining calving ease, growth, maternal value and carcass merit into one complete package.
- CUDA has multi-trait excellence. He ranks near the top of the breed for 12 different traits.
- He sets the standard for carcass merit within the Hereford breed, ranking near the top among proven sires for Marbling, REA, CW and CHB\$.
- ◊ CUDA's daughters in production exhibit excellent udder quality and maternal strength.

With over 1,700 records on file his progeny ratio 98 for BW, 101 for WW, 101 for REA and 103 for IMF.

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



Photo Reversed

Daughter, Colyer Herefords, ID



Daughter, Sunny Side Farm, OH



Son, Hoffman Ranch, NE

EPDs	as of	11/10/2	22																			
		CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO. POLLED
	EPD	11.0	-0.3	70	114	.4	1.3	17.1	45	80	2.9	81	1.3	1.2	90	013	.73	.53	421	533	193	
	Acc	.71	.92	.86	.85	.47	.74	.42	.62		.64	.60	.79	.80	.55	.54	.53	.53				A.I. PERMITTED
%	Rank	4	5	3	3	76	15	31	1	1	37	33	19	50	2	8	4	2	7	4	1	

Fall 2022 Hereford Breed Average EPDs **Production:** CED: 2.6 BW: 2.9 WW: 54 YW: 87 DMI: .2 SC: 1.0 SCF: 15.6 MM: 26 M&G: 53 MCE: 1.8 MCW: 88 UDDER: 1.2 TEAT: 1.2 **Carcass:** CW: 68 FAT: .017 REA: .40 MARB: .09 BMI\$: 338 BII\$: 407 CHB\$: 112

7HP126 TH 523F 738C SLEEP ON 163H





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

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AHA: 44140749

DOB: 01/16/20

TAT: 163H

- SLEEP ON is a calving ease, phenotype standout. He offers strong maternal and end-product value in one complete package.
- ٥ Look for SLEEP ON to sire attractive, well-balanced cattle that are conservatively marked, with good capacity and muscle for the calving ease he offers.
- SLEEP ON is made right with ample muscle, depth of rib, great color ٥ pattern/eye pigment and a great disposition.
- \Diamond He posted individual ratios of 92 for BW, 100 for REA and 104 for IMF.
- SLEEP ON was sought after by several at the 2021 Topp Hereford \Diamond sale. He traces back to 7HP110 TESTED X651, the Marbling King of the Hereford breed.

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

	EPDs as of	11/10/	22																			
		CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO, POLLED
	EPD	9.8	-0.7	62	91	.6	.9	18.5	36	66	-1.0	69	1.4	1.4	69	.067	.30	.39	383	482	128	
	Acc	.41	.51	.45	.45	.15	.42	.26	.27		.23	.33	.41	.42	.21	.27	.22	.24				NON-CERTIFICATE A.I. SIRE
	% Rank	6	4	20	39	90	53	18	6	6	81	15	6	9	44	96	73	4	20	13	21	

7HP130 NJW 119E 87G ENDORSEMENT 216J





/S MANDATE 66589 ET SIRE: NJW 133A 6589 MANIFEST 87G ET BW NJW 76S 8Y HOMESPUN 133A NJW 76S 88X CIRCLEBOSS 164C ET DAM: NJW 8B 164C LEXY 119E NJW 149Z 10W LEXY 8B

DOB:	44272851 03/07/21 119E216J
	Open camera. Scan code.



- ENDORSEMENT is the Manifest son Ned and Jan chose to keep and use at NJW and with good reason!
- We wish you could see this sire. He's one of the most complete sires 0 we have in any breed.
- ٥ ENDORSEMENT has solid data across the board with a distinct focus to make the best Hereford cows possible.
- ENDORSEMENT is built and designed to be the calving ease female maker we have come to expect from the NJW program. He follows in the footsteps of other Select Sires greats including 7HP105 DURANGO and 7HP122 HISTORIC.

From NJW Polled Herefords, WY



Sire of ENDORSEMENT

EPDS as of	11/10/4	22																			
	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO. POLLED
EPD	10.5	-0.5	59	92	.6	1.4	19.6	29	59	2.9	91	1.5	1.5	79	.057	.49	.25	407	495	131	
Acc	.38	.50	.43	.44	.14	.39	.26	.24		.22	.32	.39	.39	.20	.26	.20	.22				A.I. PERMITTED
% Rank	5	4	28	36	89	10	11	29	26	37	56	2	3	13	92	30	13	11	9	16	

CDDa as af 11/10/22

7HP124 BOYD POWER SURGE 9024







- Vise POWER SURGE to power up your cow herd!
- Sired by the popular Blueprint 6153, POWER SURGE offers more \Diamond growth and punch than his sire.
- V POWER SURGE will add muscle, hip and power and leave cows that are admired for years to come.
- It is progeny make customers happy. He is a physical game changer!

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

DOB:	01/06/19
TAT:	9024
जिश्व	

AHA: 44004782









Daughter, Matheny Herefords, KY

Daughter, Boyd Beef Cattle, KY

EPDs as of 11/10/22

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HETERO, POLLED
EPD	8.9	3.2	77	122	.8	1.7	15.1	28	66	4.2	88	1.3	1.4	80	.027	.66	18	324	396	98	
Acc	.44	.80	.64	.62	.19	.48	.29	.32		.31	.35	.49	.48	.26	.30	.26	.27				A.I. PERMITTED
% Rank	9	58	1	1	97	3	56	38	7	23	50	19	9	11	63	8	100	61	57	85	

14HP1037 KT SMALL TOWN KID 5051







- At eight years-of-age, SMALL TOWN KID continues to be a customer-satisfaction sire for doing the little things right.
- SMALL TOWN KID offers a balanced approach of phenotype and 0 data. His offspring are attractive and he ranks in the top 10% for 10 different traits.
- \Diamond SMALL TOWN KID is a heavily used sire in commercial heifer projects because of his predictable calving ease, rapid early growth and overall physical appearance.
- He is a great selection for use on heifers to keep replacements! He can improve udder quality, ranking in the top 1% for both Teat and Udder.
- ٥ SMALL TOWN KID has been identified as a carrier of Mandibulofacial Dysostosis (MD).

From 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







Son. Thomas Herefords. MT

I	EPDs as of	11/10/2	22																			
		CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HETERO, POLLED
	EPD	11.3	-0.4	64	102	.3	1.0	25.6	31	63	3.4	93	1.6	1.7	97	.037	.72	.20	527	619	164	
	Acc	.66	.90	.85	.84	.14	.73	.40	.62		.59	.49	.79	.79	.36	.41	.34	.39				A.I. PERMITTED
	% Rank	4	5	13	14	65	41	1	18	12	31	61	1	1	1	76	5	20	1	1	2	

Fall 2022 Hereford Breed Average EPDs Production: CED: 2.6 BW: 2.9 WW: 54 YW: 87 DMI: .2 SC: 1.0 SCF: 15.6 MM: 26 M&G: 53 MCE: 1.8 MCW: 88 UDDER: 1.2 TEAT: 1.2 Carcass: CW: 68 FAT: .017 REA: .40 MARB: .09 BMI\$: 338 BII\$: 407 CHB\$: 112

7HP127 GG AA CERTIFIED 017H AHA: 44135081 DOB: 03/13/20 TAT: 017H



EFBEEF X651 TESTED A250 SIRE: EFBEEF A250 TESTED F294 **EFBEEF 4R THYRA Y865** BEHM 100W CUDA 504C

DAM: GG AA BARRACUDA 816F GG MISS REVOLUTION 204Z



- CERTIFIED combines the lineage of 7HP110 TESTED X651, the Marbling King of the breed with the all-around performance of 7HP120 CUDA.
- He has matured into a balanced, heifer-acceptable sire with strong indexes.
- Oark red, pigmented and well-below average MCW, CERTIFIED can help keep size in check.

From Greives Herefords, IN

EPDs as of	11/10/2	22

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HOMO. POLLED
EPD	8.6	-0.6	62	92	.5	1.4	17.2	34	65	3.6	63	1.4	1.5	81	.087	.71	.48	390	493	154	
Acc	.40	.49	.42	.44	.14	.39	.27	.24		.22	.30	.39	.39	.28	.30	.27	.28				NON-CERTIFICATE A.I. SIRE
% Rank	10	4	19	37	85	10	30	8	8	29	8	6	3	10	99	5	2	17	10	4	

7HP116 MOHICAN THM EXCEDE Z426



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

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



Vise this proven sire to add performance and end-product merit while creating value -added females that excel for phenotype and maternal function.

- EXCEDE excels for the maternal traits of fertility, Udder Suspension, Teat Size 0 and BMI\$.
- His daughters are valued for their feminine look, excellent udder design and 0 ability to raise heavy calves.

From Mead Cattle, GA

LI 03	u3 01	11/10/1																				
		CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	
	EPD	6.4	0.0	59	103	.1	1.3	20.5	35	65	-3.4	89	1.5	1.5	74	.027	.39	.09	422	499	128	HOMO. POLLED
	Acc	.71	.92	.86	.85	.43	.73	.47	.70		.69	.68	.82	.83	.53	.54	.52	.54				A.I. PERMITTED
%	Rank	20	6	29	13	41	15	7	6	9	94	52	2	3	26	63	53	49	7	8	20	

7HP122 NJW 160B 028X HISTORIC 81E ET

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

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CHURCHILL LADY 7202T ET NJW 76S P20 BEEF 38W ET DAM: NJW 73S 38W DAYDREAM 160B

UPS DOMINO 3027

SIRE: CHURCHILL SENSATION 028X

NJW P606 72N DAYDREAM 73S

- **V** HISTORIC is proven to be a calving ease sire making the right kind of females!
- His daughters excel for udder quality, rib shape and fleshing ability. HISTORIC 0 makes daughters that will last.
- He is not just a cow maker. Study his data closely. HISTORIC has a lot to offer! 0
- ٥ HISTORIC is recently deceased, don't miss your opportunity to add these cow maker genetics!

From NJW Polled Herefords, WY

EPDs as of 11/10/22

	CED	BW	WW	YW	DMI	SC	SCF	MM	M&G	MCE	MCW	UDDER	TEAT	CW	FAT	REA	MARB	BMI\$	BII\$	CHB\$	HETERO, POLLED
EPD	7.5	-0.2	55	83	.3	1.0	28.7	38	65	-5.9	56	1.5	1.6	76	.057	.94	.19	547	630	128	
Acc	.70	.91	.85	.83	.21	.69	.43	.51		.59	.59	.74	.74	.44	.48	.43	.45				A.I. PERMITTED
% Rank	14	5	46	62	67	41	1	3	8	99	5	2	1	20	92	1	22	1	1	20	

Fall 2022 Hereford Breed Average EPDs Production: CED: 2.6 BW: 2.9 WW: 54 YW: 87 DMI: .2 SC: 1.0 SCF: 15.6 MM: 26 M&G: 53 MCE: 1.8 MCW: 88 UDDER: 1.2 TEAT: 1.2 Carcass: CW: 68 FAT: .017 REA: .40 MARB: .09 BMI\$: 338 BII\$: 407 CHB\$: 112

ALL HEREFORD SIRES AVAILABLE

HEREF(JRD - So	rted by nan	ne	-																																			
				C	Έ	B	w	W	w	Y١	v	DN	NI IN	s	С	S	CF	M	М	M&G	M	CE	M	CW	UD	DER	TE	AT	c	W	FA	٦.	RE	ΞA	MAR	₹B F	BMI\$	BII\$ (CHB\$
Code No.	Reg No.	Code Name	Ŧ	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD /	Acc	EPD	EPD	EPD
14HP1030	43231454	BUILT TUFF	YES	7.3	.70	0.3	.90	57	.85	78	.84	.0	.18	1.5	.72	14.4	.53	20	.71	48	3.4	.67	33	.62	1.6	.82	1.7	.83	52	.33	013	.41	15	.31	.24	.35	299	383	104
7HP127	4135081	CERTIFIED	NO	8.6	.40	-0.6	.49	62	.42	92	.44	.5	.14	1.4	.39	17.2	.27	34	.24	65	3.6	.22	63	.30	1.4	.39	1.5	.39	81	.28	.087	.30	.71	.27	<mark>.48</mark> .	.28	390	493	154
7HP120	43636764	CUDA	YES	11.0	.71	-0.3	.92	70	.86	114	.85	.4	.47	1.3	.74	17.1	.42	45	.62	80	2.9	.64	81	.60	1.3	.79	1.2	.80	90	.55	013	.54	.73	.53	.53 .	.53	421	533	193
7HP115	43596963	DUE NORTH	YES	-1.0	.49	2.6	.87	62	.80	96	.78	.3	.21	.2	.68	15.2	.33	15	.53	46	-2.5	.46	142	.62	1.5	.62	1.5	.65	76	.28	.037	.39	.56	.27	22 .	.30	328	384	89
14HP1044	43793579	ECLIPSE	YES	13.5	.53	-0.1	.78	57	.66	90	.67	1	.46	1.3	.57	18.0	.31	29	.34	57	4.7	.36	78	.42	1.5	.51	1.4	.52	60	.55	.027	.53	.42	.53	.30	.55	387	475	132
7HP130	44272851	ENDORSMENT	YES	10.5	.38	-0.5	.50	59	.43	92	.44	.6	.14	1.4	.39	19.6	.26	29	.24	59	2.9	.22	91	.32	1.5	.39	1.5	.39	79	.20	.057	.26	.49	.20	.25	.22	407	495	131
7HP119	43793570	EVERSTONE	NO	-2.5	.47	3.9	.80	81	.71	133	.72	.5	.40	2.4	.63	19.2	.34	34	.40	75	-3.1	.43	128	.52	1.5	.59	1.5	.59	94	.52	013	.51	.69	.49	.11 .	.51	434	531	155
7HP116	43292949	EXCEDE	YES	6.4	.71	0.0	.92	59	.86	103	.85	.1	.43	1.3	.73	20.5	.47	35	.70	65	-3.4	.69	89	.68	1.5	.82	1.5	.83	74	.53	.027	.54	.39	.52	.09	.54	422	499	128
7HP125	44108010	GOLD RUSH	YES	8.0	.42	2.6	.51	71	.49	110	.50	.9	.16	1.2	.39	20.6	.28	27	.32	63	2.4	.29	93	.36	1.3	.46	1.4	.46	82	.24	.057	.28	.64	.23	.61 .	.26	445	567	168
7HP122	43829334	HISTORIC	YES	7.5	.70	-0.2	.91	55	.85	83	.83	.3	.21	1.0	.69	28.7	.43	38	.51	65	-5.9	.59	56	.59	1.5	.74	1.6	.74	76	.44	.057	.48	.94	.43	<mark>.19</mark> .	.45	547	630	128
7HH59	43481878	MASTERPIECE	YES	17.3	.40	-2.2	.75	54	.66	85	.66	.3	.19	.7	.53	14.2	.31	32	.40	59	14.4	.39	110	.37	1.2	.48	1.1	.49	77	.16	.057	.19	.56	.15	.16	.16	333	406	128
7HP124	44004782	POWER SURGE	YES	8.9	.44	3.2	.80	77	.64	122	.62	.8	.19	1.7	.48	15.1	.29	28	.32	66	4.2	.31	88	.35	1.3	.49	1.4	.48	80	.26	.027	.30	.66	.26	18	.27	324	396	98
7HP128	44254851	RED BIRD	YES	13.2	.39	0.0	.44	72	.40	111	.40	.8	.13	1.6	.32	22.1	.26	30	.24	66	8.8	.21	78	.29	1.3	.38	1.5	.39	86	.23	.077	.27	.86	.22	.51 .	.24	469	586	165
7HP126	44140749	SLEEP ON	YES	9.8	.41	-0.7	.51	62	.45	91	.45	.6	.15	.9	.42	18.5	.26	36	.27	66	-1.0	.23	69	.33	1.4	.41	1.4	.42	69	.21	.067	.27	.30	.22	<mark>.39</mark> .	.24	383	482	128
14HP1037	43621413	SMALL TOWN KID	NO	11.3	.66	-0.4	.90	64	.85	102	.84	.3	.14	1.0	.73	25.6	.40	31	.62	63	3.4	.59	93	.49	1.6	.79	1.7	.79	97	.36	.037	.41	.72	.34	.20 .	.39	527	619	164



ALL CHAROLAIS SIRES AVAILABLE

CHARO	LAIS - Sa	orted by name																														
			-	0	E	B۱	N	W	W	Y۱	N	MI	LK	M	CE	M	TL	S	С	UDE	DER	TE	AT	C	w	RE	EA	F/	١T	MA	RB	TSI
Code No.	Reg No.	Code Name	T	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD	Acc	EPD
7CH96	M880381	AFFINITY	YES	11.4	.89	-4.9	.94	50	.91	102	.89	29	.67	1.7	.71	54	.75	0.8	.82	1.29	.69	1.28	.68	12	.40	.50	.42	.031	.38	.28	.38	254.67
9CH106	M920346	FOREMAN	YES	10.9	.29	-1.5	.40	56	.31	109	.30	18	.17	5.5	.16	46	.22	0.8	.26	<u>1.39</u>	.14	1.33	.14	20	.18	.66	.18	.021	.17	.32	.14	258.53
9CH99	M917926	FREE RIDE	YES	9.6	.28	-3.5	.41	61	.32	119	.19	19	.21	.4	.19	49	.25	0.8	.14	1.27	.10	1.28	.10	15	.12	.76	.12	.000	.09	.21	.08	269.26
9CH107	M920348	HONCHO	YES	11	.29	-3.1	.40	58	.31	117	.30	10	.17	5.5	.16	39	.22	1.1	.26	1.07	.14	.97	.13	24	.17	.58	.18	.035	.16	.20	.14	264.49
9CH103	M910612	LEAD TIME	YES	6.5	.46	-3.3	.63	48	.37	106	.31	30	.15	2.8	.14	54	.22	1.9	.28	.99	.15	.94	.15	23	.19	.69	.19	.031	.17	.35	.14	262.05
9CH104	M924068	NEW MAN	YES	12.6	.29	-2.2	.41	62	.32	108	.33	25	.25	12.3	.22	56	.27	1.5	.23	1.17	.27	1.09	.27	27	.21	.81	.21	.063	.19	.33	.20	252.94
9CH105	EM932228	SILVERSMITH	YES	7.9	.30	-0.5	.47	78	.32	127	.30	22	.20	9.2	.19	61	.24	2.2	.22	1.06	.23	1.05	.23	41	.17	1.11	.17	012	.15	.36	.13	272.25



EPDs as of 11/01/22 📃 = top 35 percent of the breed RED TEXT = semen available, but sire is not listed in directory 🍁 = Canadian availability

9CH104 RCR NEW MAN IN TOWN 8213



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

LT BLUEGRASS 4017

SIRE: LT LEDGER 0332

LT BRENDA 6120 **VPI FREE LUNCH 708T**

DAM: RCR WHATS FOR LUNCH 6145 **RCR MISS ANNA LEE 7761**





N/A

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- NEW MAN is royally bred with Ledger and 7CH91 FREE LUNCH, two of the most dominant sires of the past decade.
- His EPD slate reveals 14 traits out of 15 ranking in the top half of the breed now that's genetic improvement!
- NEW MAN hits beef x dairy targets head on with positives for carcass traits, 0 easy calving and feedlot performance.

From Ricketts Charolais Ranch, MO

1 03 03 01	11/01/22														
	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	12.6	-2.2	62	108	25	12.3	56	1.5	1.17	1.09	27	.81	.063	.33	252.94
Acc	.29	.41	.32	.33	.25	.22	.27	.23	.27	.27	.21	.21	.19	.20	
% Rank	8	20	35	45	40	4	35	10	30	40	15	20	100	4	40

9CH105 RENN SILVERSMITH 903G

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

IQCR SILVER GUN Y31P SIRE: WCF MR SILVER GUN 467 WCF MISS FASTTRACK 012

M6 NEW STANDARD 842 P ET DAM: M6 MS NEW GERMAINE 351 P

M6 COOL GERMAINE 1144 P ET

- SILVERSMITH pushes performance to a higher level with big-time figures for carcass merit and well-above-average growth.
- Expect good-gaining, easy-feeding offspring from SILVERSMITH that ring the bell for grid premiums.
- SILVERSMITH has consistently been one of our highest conception sires in beef x dairy scenarios.

From Rennert Ranch, NE

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	7.9	-0.5	78	127	22	9.2	61	2.2	1.06	1.05	41	1.11	012	.36	272.25
Acc	.30	.47	.32	.30	.20	.19	.24	.22	.23	.23	.17	.17	.15	.13	
% Rank	35	45	4	15	55	20	15	1	55	50	2	2	25	2	9

9CH106 B3R FOREMAN D008

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



SIRE: WR FOREMAN D602

WR DUCHESS B612 M6 BLANCO STANDARD 231 ET DAM: B3R D008 CCR Z231 W010

B3R W010 COOLEY SMPLOT 8046S6

- Selected from a program strong on carcass improvement, FOREMAN excels for Marbling EPD.
- 0 He is moderate for frame with solid performance. Expect FOREMAN's calves to hit target weights in a timely fashion.
- High conception rates have made FOREMAN a favorite in a lot of large dairies.

From Bradley 3 Ranch Ltd., TX

EPDs as of	11/01/22														
	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	10.9	-1.5	56	109	18	5.5	46	0.8	1.39	1.33	20	.66	.021	.32	258.53
Acc	.29	.40	.31	.30	.17	.16	.22	.26	.14	.14	.18	.18	.17	.14	
% Rank	15	30	60	45	80	55	75	60	3	4	35	45	85	4	30



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EPDs as of 11/01/22

7CH96 LT **AFFINITY** 6221

HOMO. POLLED





- AFFINITY sons excel at improving carcass quality with an elite-ranking Marbling EPD.
- His Calving Ease, added body depth and disposition are great convenience traits.
- AFFINITY daughters show excellent promise with beautiful udders and are proving to be excellent producers.

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

Son. Lindskov-Thiel Charolais. SD





\$45

Dam of AFFINITY

EPDs as of 11/01/22

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPI) 11.4	-4.9	50	102	29	1.7	54	0.8	1.29	1.28	12	.50	.031	.28	254.67
Ac	c .89	.94	.91	.89	.67	.71	.75	.82	.69	.68	.40	.42	.38	.38	
% Ran	k 15	4	80	60	20	85	45	60	9	6	65	75	95	7	35

9CH103 JMAR **LEAD TIME** 1L16



HETERO. POLLED

- LEAD TIME is a calving ease and carcass improver.
- LEAD TIME's outcross paternal pedigree is a bonus in mating decisions.
- Sired by the popular OW Lead Time 6294 PLD, LEAD TIME offers extra width and muscle shape in a moderate package. He is an ideal choice to push the envelope for performance and maintain moderate cow size and weight.

JMAR LEAD TIME is one of the most balanced trait bulls we've ever produced and is uniquely one of the most balanced trait bulls in the Charolais breed. He bends the antagonistic

traits of Muscle and Marbling without sacrificing those important convenience traits like scrotal, feet, disposition

and fleshing ability. His dam is a tremendous daughter of the legendary Select Sires bull, 7CH91 FREE LUNCH.

Having 7CH91 FREE LUNCH on the bottom side of LEAD TIME's pedigree is a big bonus!

From J-MAR Genetics, VA

Jim Johnson, J-MAR Genetics

[[-

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

EPDs as of 11/01/22

	CE	BW	WW	YW	MILK	MCE	MTL	SC	UDDER	TEAT	HCW	REA	FAT	MARB	TSI
EPD	6.5	-3.3	48	106	30	2.8	54	1.9	.99	.94	23	.69	.031	.35	262.05
Acc	.46	.63	.37	.31	.15	.14	.22	.28	.15	.15	.19	.19	.17	.14	
% Rank	50	10	85	50	15	80	45	2	75	85	25	40	95	2	25

Fall 2022 Charolais Breed Average EPDs Production: CE: 5.8 BW: -0.4 WW: 57.4 YW: 104.5 MILK: 23.1 MCE: 5.5 MTL: 51.8 SC: .9 UDDER: 1.12 TEAT: 1.08 Carcass: CW: 21.5 REA: .71 FAT: .010 MARB: .11 TSI: 247.88



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Simple. Sale. Scientifically Floven.

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

- Made with 100% dried bovine colostrum to optimize immune development and health
- Provides consistency with the research-based amount of IgGs for every calf
- Assures biosecurity from transmittable diseases
- Offers convenience whenever timing is a factor

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Performance Proven + Latest Research + Easy Application

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.

CONTACT YOUR LOCAL REPRESENTATIVE TO LEARN MORE!



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9BR532 MR. V8 347/8

HORNED GREY





ABBA: 988506 JDH MR ELMO MANSO DOB: 01/28/18 SIRE: MR. V8 458/7 TAT: 347/8 MISS V8 100/7 **GW PREMIUM BEEF 021TS** DAM: JDH CHARLEY'S JAZZ 946/1

MISS V8 402/5

EPDs as of 11/08/22

EI D0 00 01	11/00/22																	
	CED	BW	WW	YW	MK	TM	CEM	SC	DOC	FS	TEND	YG	CW	REA	MB	FT	\$B	\$Q
EPD	0.03	4.9	27	58	2	15	1.37	.0	9.76	.21	11	.03	43	.43	-8.84	.01	103.91	74.62
Acc	.27	.39	.35	.28	.14		.14	.09	.18	.14	.04	.08	.17	.16	.14	.15		
% Rank	>95	>95	25	10	95	55	50	35	1	20	4	25	10	25	>95	50	4	5

7CA11 FAIR LUCKY 1A

N/A





🕠 🅼 🛟

Brahman programs.

and REA.

- ♦ LUCKY is a popular son of Man Among Boys.
- He offers show stopping eye appeal with added bone and hair quality.

multiple generations of genetics from both the V8 and J.D. Hudgins

Vise LUCKY on British and Continental cattle to create a stunning show ring presence.

♦ THC, PHĂF

From Fair Cattle Co., CA

MONOPOLY SIRE: MAN AMONG BOYS 59T DOCTOR WHO DAM: FAIR WICKED HARRIET 902W PUTZ MISS ROCKSTAR 517R ACA: 369512 DOB: 02/21/13 TAT: 1A





Daughter, Fair Cattle Co., CA

Maternal brother to LUCKY

EPDs as of	11/01/22													
	CED	BW	WW	YW	MK	TM	CEM	ST	DOC	YG	CW	REA	MB	FT
EPD	5	2.7	39	48	13	33	-1	4	11.2	34	14	.58	.12	07
Acc	.51	.62	.54	.51	.19		.29	.24	.41	.32	.44	.39	.35	.29
% Rank	80	60	90	>95	65	85	95	35	30	25	75	30	80	20



714KB15 SYNERGY TF148 SUZUTANI 533G ET



AWA: FB51546 Australian: SYNFQ533 DOB: 10/09/19 TAT: 533G

SYNERGY

BOOTH CREEK

WAGYU RANCH

SHIGESHIGENAMI 10632

SIRE: ITOSHIGENAMI FUKUYUKI

WORLD K'S MICHIFUKU

DAM: SYN SYNERGY MICH SUZI 158D STONYRUN ID 151 SUZITO 3

- SUZUTANI is an elite pedigreed son of Itoshigenami TF148 and from the Suzutani maternal line.
- He is an amazing combination of low birth weight, positive growth and carcass 0 weight, large ribeye area and high marble score.
- SUZUTANI has multiple GEBVs traits and indexes in the top 1-10% of the 0 breed! Including Marbling Score, Marble Fineness, Self-Replacing Index and F1 Index.

From Booth Creek Wagyu, KS and Stonyrun Farm, PA

	Gestation Length	BW	200 Day WT	400 Day WT	600 Day WT	MCW	MILK	SC	CW	REA	RUMP FAT	RBY	MARB Score	MARB Fineness
EBV	0.0	-0.6	6	9	1	0	-5	-1.2	8	4.2	.4	.2	1.8	.35
ACC%	62	68	70	69	69	64	64	61	67	63	64	59	64	60

714KB16 SYNERGY MICH SUZUTANI 87G ET



AWA: FB54818 Australian: SYNFQQ87 DOB: 11/10/19 TAT: 87G

MONJIRO 11550 SIRE: WORLD K'S MICHIFUKU MICHIKO 655635



N/A

ITOSHIGENAMI DAM: SYN SYNERGY 148 SUZU 50E ET SYNERGY SHIG SUZITO

n Death Creat Warner KC and Chammer Farmer D

MICH is a high marbling and carcass trait son of World Ks Michifuku from the Suzutani maternal line. He is one of only 2 Michifuku sons over +2.2 MS, +6.5 EMA and +3 CW.

MICH is an amazing combination of low birth weight, positive growth and 0 carcass weight with a large ribeye area and high marble score.

Multiple GEBVs traits and indexes in the top 1-10% of the breed, including 0 Marbling Score, Marble Fineness, Ribeye Area, Self-Replacing Index and F1 Index.

EPDs as o	f 11/08/22								From Bo	oth Cree	k wagyu, KS	s and St	onyrun Fa	irm, PA
	Gestation Length	BW	200 Day WT	400 Day WT	600 Day WT	MCW	MILK	SC	CW	REA	RUMP FAT	RBY	MARB Score	MARB Finenes
EBV	0.8	-0.8	0	6	3	14	-6	-1.4	3	6.5	1.8	.1	2.2	.38
ACC%	61	68	69	68	69	63	64	60	67	62	63	58	64	60

> 714KB15 and 714KB16 qualify for premium buyback programs offered by Booth Creek and Synergy Wagyu

- If you reside East of the Mississippi River, contact Loren Ruth at Synergy Wagyu www.Synergywagyu.com
- If you reside west of the Mississippi, contact Andrew Coates at Booth Creek Wagyu andrew@boothcreekwagyu.com 707-689-6598

9KB4 OCD MACHO MOUSE 404H ET



AWA: FB51442 DOB: 01/21/20 TAT: 404H

MFC ITOMORITAKA 0-41 SIRE: BAY ITO MACHO 177 **BAY FUJI MIKI 62** BAR R JIRO 22T DAM: JWW MACJIRO 317F AI

WEBBCO 67J MAC 165D

- ◊ Genomics has identified MACHO MOUSE as a "10" for tenderness.
- MACHO MOUSE is proven to be a high fertility sire with over 6,000 ٥ breeding observations.
- He is AA for SCD (Stearoly CA desaturase enzyme), a genotype that produces a superior fat composition.

From Oakfield Corners Dairy, NY

N/A

Scan code.

learn more

Click to

714KB10 JDH 1441Y ET J 002 463H



AWA: FB59189 DOB: 08/21/20 TAT: 463H

WORLD K'S KITAGUNI JR. SIRE: LMR KITAGUNI 1441Y **BR MS YASUFUKU 0645 ITOMORITAKA J2703**



DAM: SC ITOMOUTSU 77 UTSUKUSHII

- ٥ ETJ has phenomenal marbling characteristics in both marbling score and marbling fineness.
- 0
- He is low birth weight and good option for heifers. ETJ is an excellent bull for F1 Wagyu production. He is currently in F1 0 production nationwide and expected to produce 10,000+ calves annually.

From Signature Land and Cattle, IA

714KB14 JDH L10 0632 227J ET

AWA: FB72699 DOB: 01/15/21 TAT: 227J



SUPERIOR WAGYU



MAYURA ITOSHIGENAMI JNR SIRE: MAYURA LOO10 ET MAYURA H0159

HIRASHIGETAYASU J2351 DAM: YAR 267D

BR MS KITDOI/0632 6621

- ◊ 227J is sired by one of the top Wagyu sires in the world.
- He has excellent marbling and growth characteristics.
- 227J ideal for F1 wagyu production or genetic replacement production. He ٥ is currently in F1 production nation wide and expected to produce 10,000+ calves annually.
- 227J's sire, L10, is some of the most sought after and expensive genetics in 0 the breed.

From Signature Land and Cattle, IA

Superior Waygu sires qualifying for participation in Superior supply chains. For more information and additional requirements, visit superiorwagvu.com.

			ind doubletonal			
Code	Reg #	Name	Short Name	Sire	MGS	Price
714KB7	FB59356	JDH L0010 Mr Marble 605H ET	MR MARBLE	Mayura L0010 ET	TF Itomichi 1/2	N/A
714KB8	FB59357	JDH L0010 Mr Marbler 606H ET	MARBLER	Mayura L0010 ET	Hirashigetayasu J2351	N/A
714KB10	FB59189	JDH 1441Y ETJ 002 463H	ET	LMR Kitaguni 1441Y	Itomoritaka J2703	N/A
714KB11	FB59209	JDH Mayura Sanji 397H ET	SANJI	Mayura L0010 ET	World K's Sanjirou	N/A
714KB13	FB72698	JDH L10 Hirashige 226J ET	HIRASHIGE	Mayura L0010 ET	CHR Sanjirou 391	N/A
714KB14	FB72699	JDH L10 0632 227J ET	0632	Mayura L0010 ET	Hirashigetayasu J2351	N/A
714KB21	FB69400	JDH Hikokura 18J	HIKOKURA	Stud Hikokura 33E ET	ESF Beijiro-121-241	N/A
714KB22	FB69402	JDH Hiko Ichiro 20J	ICHIRO	Stud Hikokura 33E ET	FC Mr Ichiro 01	N/A
714KB23	FB69428	JDH Sanji 5 1441Y 48J	48J	RAB Wagyu Beef Company Sanjiro 5 ET	LMR Kitaguni 1441Y	N/A
714KB24	FB69434	JDH Kousyun 002 54J	KOUSYUN	BARV Kousyun 808F ET	LMR RMW Itomoritaka	N/A
714KB25	PB69657	JDH 753 89K 103J	103J	BARV Tazsuru 753E ET	2+K Kyoryokuna 14/89K	N/A









SUPPLEMENTAL INFORMATION

To order Select Sires or Accelerated Genetics beef semen:

- 1. Contact your local Select Sires representative. To find a representative in your area, see the inside back cover of this directory.
- 2. Order online at www.selectsiresbeef.com or www.agbeef.com.

To order A.I. certificates:

Visit www.selectsiresbeef.com, www.accelgen.com or call our customer service line at 1-800-251-3049 to order A.I. Certificates.

Photo Requests:

To request a sire photo to be e-mailed to you or to submit progeny photos, contact Jennie Harbin at jharbin@selectsires.com or (402) 317-1198.

Beef Breed Association contacts:

American Angus Association Red Angus Association of America American Simmental Association American Hereford Association American International Charolais Association American Shorthorn Association American Chianina Association American Maine-Anjou Association (816) 383-5100 (940) 387-3502 (406) 587-4531 (816) 842-3757 (816) 464-5977 (816) 599-7777 (816) 431-2808 (816) 431-9950 www.angus.org www.redangus.org www.simmental.org www.hereford.org www.charolaisusa.com www.shorthorn.org www.chicattle.org www.maine-anjou.org

Disclaimer:

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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	1.0	-14.4	-41.8	-11.3	34	.04	076	-70.8			
Red Angus	2.3	-19.2	-28.5	1.4	09	.27	038	-10			
Shorthorn	3.6	-22.3	-37.8	-3.9	13	.29	042	-7.3			
South Devon	6.4	-33.9	-66.7	7.5	06	.45	066	-12.2			
Beefmaster	3.7	25.8	7.1	3.6	-	-	-	-			
Brahman	9.0	60.2	24.0	12.4	68	.13	153	-34.7			
Brangus	2.6	17.4	12.5	15.1	-	-	-	-			
Santa Gertrudis	4.8	42.7	39.6	16.8	47	.20	075	-4.6			
Braunvieh	3.9	-17.6	-35.9	21.8	13	.99	034	-16.3			
Charolais	6.4	5.5	-23.9	-1.8	32	.79	197	4.1			
Chiangus	2.4	-22.2	-41.7	3.5	43	.52	117	-25.8			
Gelbvieh	3.3	-8.5	-18.0	5.1	55	.82	119	-14.8			
Limousin	1.7	-8.1	-31.4	-4.7	28	.67	071	-10			
Maine Anjou	1.9	-25.9	-53.4	-9.4	51	1.02	170	-31.9			
Salers	2.1	-15.4	-28.0	8.1	18	.55	086	-18.5			
Simmental	1.9	-13.0	-25.7	-2.3	15	.50	066	-5.3			
Tarentaise	2.2	29.2	-6.5	9.9	-	-	-	-			

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.
- 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.

ANGUS:

- Claw Set EPD (Claw) is expressed in units of claw-set score, with a lower EPD being more favorable indicating a sire will produce progeny with more ideal claw set. The ideal claw set is toes that are symmetrical, even and appropriately spaced.
- Foot Angle EPD (Angle) is expressed in units of foot-angle score, with a lower EPD being more favorable indicating a sire will produce progeny with more ideal foot angle. The ideal is a 45-degree angle at the pastern joint with appropriate toe length and heel depth.
- Pulmonary arterial pressure EPD (PAP) is expressed in millimeters of Mercury (mmHg), with a lower EPD being more favorable indicating a sire should produce progeny with a lower PAP score. PAP score is an indicator of susceptibility to high altitude disease commonly experienced at elevations greater than 5,500 feet. Selection for this trait aims to improve the genetic potential for a sire's progeny to have lower PAP scores thus a lower chance of contracting high altitude disease increasing the environmental adaptability of cattle living in mountain areas.
- Hair Shed EPD (HS) is expressed in units of hair shed score, with a lower EPD being more favorable indicating a sire should produce progeny who shed their winter coat earlier in the spring. Selection for this trait should improve the genetic potential for a sire's progeny to shed off earlier increasing the environmental adaptability of cattle living in heat stressed areas and producers grazing endophyte-infected (hot) fescue.
- Heifer Pregnancy EPD (HP) is a selection tool to increase the probability or chance of a sire's daughters becoming pregnant as first-calf heifers during a normal breeding season. A higher EPD is the more favorable direction and the EPD is reported in percentage units.
- **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:

Profitability and Sustainability Index (ProS) - is an all-purpose index that covers economically relevant traits across all aspects of the beef supply chain from conception to carcass. This updated index will work as a combination of the already-existing HerdBuilder and GridMaster indexes, which include traits from conception to weaning, and postweaning through harvest, respectively. The ProS index is expressed in

dollars per head born.

- 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 qualitybased 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.
- Brahman Influence Index (BII\$) The Brahman Influence Index is a maternally focused index that is based on a production system that uses Brahman x Hereford cross cows. Progeny of these cows are directed towards a commodity beef market since Certified Hereford Beef does not accept Brahman influenced cattle. This index has significant weight on Sustained Cow Fertility, which predicts fertility and longevity of females. There is a slightly positive weight on Weaning Weight, Mature Cow Weight and Milk which accounts for enough growth but ensures females do not increase inputs. There is some negative emphasis on Dry Matter Intake, but a positive weighting on Carcass Weight which is anticipated to provide profitability in finishing non-replacement females and castrated males. Marbling and Rib-eye Area are also positively weighted to keep harvested progeny successful for a variety of commodity based programs. This index targets producers that use Hereford bulls on Brahman influenced cows.
- **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.

CHAROLAIS:

Terminal Sire Index (TSI) - The AICA Terminal Sire Index (TSI) is a formal method of combing Expected Progeny Differences (EPD) – BW, WW, YW, REA, CW, MARB and FAT – into one single value on which to base selection decisions. The TSI uses estimates of the genetic relationships between traits with an economic default value based on three year rolling USDA data.

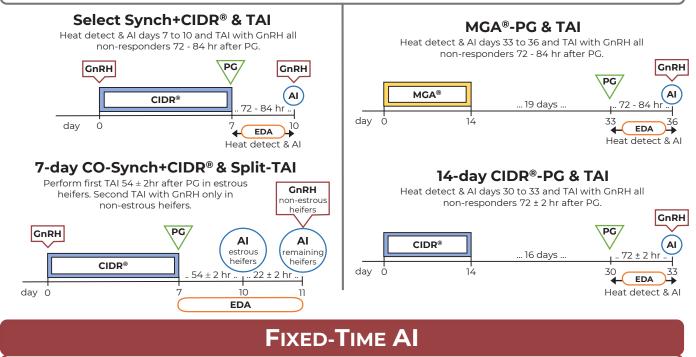


BEEF HEIFER PROTOCOLS 2023

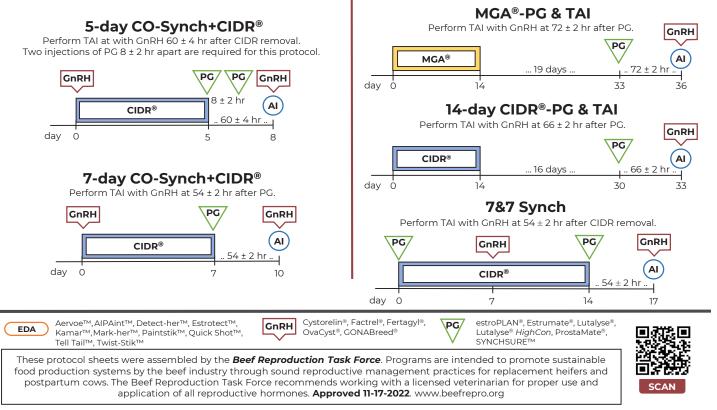
For additional synchronization protocols visit BeefRepro.org

HEAT DETECTION & TAI

For best results perform AI 12 \pm 2 hr after detection of estrus. Use of estrus detection aids (EDA) is highly recommended.



Time for Fixed-time AI (**TAI**) should be considered as the approximate average time of insemination based on the number of females to inseminate, labor, and facilities.





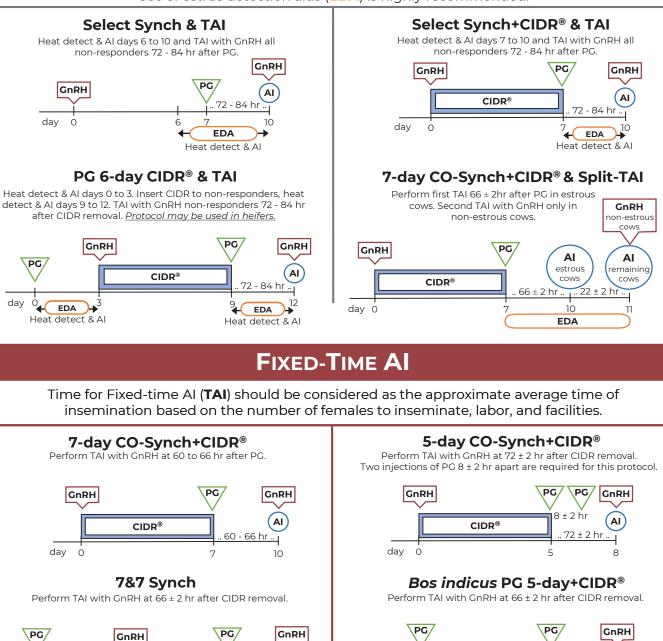
BEEF COW PROTOCOLS

2023



HEAT DETECTION & TAI

For best results perform AI 12 \pm 2 hr after detection of estrus. Use of estrus detection aids (EDA) is highly recommended.



AI

These protocol sheets were assembled by the **Beef Reproduction Task Force**. Programs are intended to promote sustainable food production systems by the beef industry through sound reproductive management practices for replacement heifers and postpartum cows. The Beef Reproduction Task Force recommends working with a licensed veterinarian for proper use and

application of all reproductive hormones. Approved 11-17-2022. www.beefrepro.org

66 + 2 hr

GnRH

14

CIDR[®]

7

Aervoe™, AIPAint™, Detect-her™, Estrotect™

Tell Tail™, Twist-Stik™

Kamar™, Mark-her™, Paintstik™, Quick Shot™,

dav

EDA

0

AI

8

SCAN

66 ± 2 hr

5

estroPLAN[®], Estrumate[®], Lutalyse[®]

Lutalyse[®] *HighCon*, ProstaMate[®] SYNCHSURE™

CIDR[®]

dav 0

PG

Cystorelin®, Factrel®, Fertagyl®,

OvaCyst®, GONABreed®



Decause the numeri displaces the reproductive least to the right, it is much easier to locate and manipulate the text with your left hand.



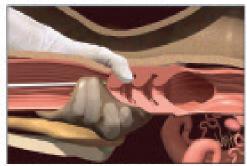
The cervic is located in the floor of the polyic cavity man the anterior and of the polyic hone.



As you insurt the knowing gue into the vagine, keep your gloved hand even with the gue tip.



Keep your upen hand that appliest the ficer of the rectain, allowing, manage to pass over the top of your hand and arm.



Erasp Booodemal opening to the renax with the thumb on top and the transfergers underscale to close the forms and guide the gas fip into the renax.

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.

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.

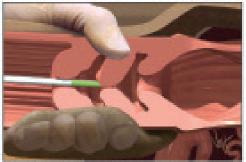
The cervix, consists of dense connective tissue and muscle and is your primary landmark for inseminating cattle. It has often been described as having the size and consistency of a turkey neck. The size will vary, with post partum interval and age of the animal. The cervix usually has three or four annular 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 <u>know</u> 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.

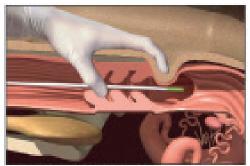
Manure in the rectum can often interfere with your ability to palpate the cervix and gun tip. However, it is seldom necessary to remove all the manure from the bowel. Instead, keep your open hand flat against the floor of the rectum, allowing the manure to pass over the top of your hand and arm.

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.



Using the flucificity of your wrist, twist and bend the consistential you feel the second ring slide over the gue tip.



Use your index linger to cherk gun placement. (3/4 inch past, the end of the centric before depusiting, 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.

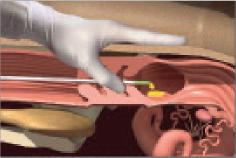
After properly depositing semen, slowly pull the gun from the reproductive tract. Remove the gloved hand from the rectum and shake off the excess manure. Check the gun tip for signs of blood, infection or semen leakage inside the sheath. Make notes for your veterinarian or future reference where appropriate. 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.

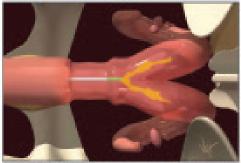
Correct insemination procedures will result in better breeding efficiencies. More selection pressure can then be placed on economic traits enabling you and your family to realize a higher return on your semen investment dollars. For more information about A.I. training classes, contact your Select Sires representative.

Some of the most important aspects to remember when inseminating a cow to attain maximum breeding efficiency are:

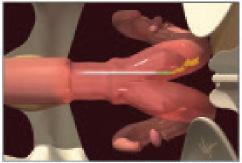
- Be gentle. Don't use too much force.
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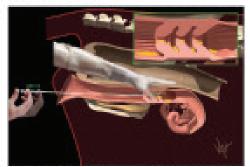
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With proper AJ, technique and gun placement, senen still be deposited in the uterine-budy and contractions will transport spennolucua forward to the homo and michats.



If the gain is more than 3 includering the remain all the senses will be depended into only one term.



Alabs sure you push in with the planger and do not pall back on the gain. Pulling back may recall in much of the samer-dose being deposited in the constraint wages.

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7AN629 TRANSCENDENT 22 50 40 SS 76 ET 554 ET 1250 ET 6 34 cm 7AN642 VERACIOUS 25 40 40 SS 62 90 840 114 1278 107 5.3 37 cm 14AN545 WALL STREET 40 55 40 AG 75 ET 905 ET 1243 ET - 7AN600 WOLVERINE 12 35 40 SS 81 100 760 115 1246 111 - -														
7AN642 VERACIOUS 25 40 40 SS 62 90 840 114 1278 107 5.3 37 cm 14AN545 WALL STREET 40 55 40 AG 75 ET 905 ET 1243 ET - - 7AN600 WOLVERINE 12 35 40 SS 81 100 760 115 1246 111 - -														
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7AN600 WOLVERINE 12 35 40 SS 81 100 760 115 1246 111													5.3	37 cm
													-	-
7AN699 YELLOWSTONE 42 50 40 SS 850 100 1399 100 - 37 cm							81	100					-	-
	7AN699	YELLOWSTONE	42	50	40	SS	-	-	850	100	1399	100	-	37 cm

* New for 2023 | + Available Spring 2023 | PAP and Angus genomic scores are available at www.selectsiresbeef.com under the resources tab.

SIMMENTAL

SIMMENIAL													
Code No.	Code Name	Page	Price	A.I. Cert		BW lbs.			WW Ratio				SC
7SM104	BROAD RANGE	60	30	-	SS	67	113	840	117	1215	113	6	37 cm
7SM121	COPPERHEAD	61	50	-	SS	89	102	791	102	1282	104	5.8	41 cm
7SM137	DOC	57	50	-	SS	75	-	-	-	-	-	-	-
7SM139	EMBLEM*+	58	45	-	SS	82	96	655	105	1004	104	-	-
7SM124	ENHANCEMENT	62	40	-	SS	73	87	597	97	1274	106	5.4	35 cm
7SM128	FLAT IRON	54	40	-	SS	-	-	778	ET	1363	ET	-	-
14SM3101	FULLY LOADED	56	N/A	-	AG	72	-	-	-	-	-	-	37 cm
7SM133	GOLD STRIKE	54	50	-	SS	89	-	811	-	1495	-	-	-
7SM113	HIGHLIFE	55	45	-	SS	87	92	729	108	1321	110	6	40 cm
7SM134	HILGER ONE	60	N/A	-	SS	79	99	759	109	1268	109	-	-
7SM138	HONOR GUARD*+	61	50	-	SS	93	110	647	95	1250	98	-	-
7SM125	MAJOR IMPACT	62	40	-	SS	-	93	700	103	1286	100	5.1	-
7SM116	PROGRESSIVE	58	35	-	SS	56	ET	679	ET	1171	ET	-	39 cm
7SM115	PROMOTER	57	40	-	SS	81	ET	877	ET	-	-	6	-
7SM112	REST EASY	62	35	-	SS	71	83	729	99	1296	99	-	34 cm
7SM122	STANDOUT	59	45	-	SS	94	ET	684	ET	1275	ET	6	-
7SM65	UNO MAS	56	40	-	SS	70	ET	934	ET	-	-	-	-
RED ANGUS													
7AR88	BLAZIN STEEL	69	35	-	SS	62	-	612	-	1098	-	-	-
7AR94	BLUE CHIP	69	40	-	SS	77	86	607	103	1110	103	-	-
7AR98	END ZONE	68	40	-	SS	-	-	-	-	-	-	-	-
7AR85	EXCELLENCE	68	40	-	SS	68	85	776	113	1339	117	-	-
7AR87	FRANCHISE	66	40	-	SS	72	-	760	-	1234	-	-	-
7AR89	GRINDSTONE	70	35	-	SS	76	100	655	115	1341	115	-	-
7AR100	JUMPSTART*	67	75	-	SS	84	102	676	111	1326	-	-	-
14AR2091	NIGHT FOCUS	71	30	-	AG	78	94	696	103	1114	101	-	-
14AR2075	REBEL	72	N/A	-	AG	78	86	631	108	1178	111	-	-
14AR2093	SUPREMACY	72	30	-	AG	72	83	579	93	1156	105	6.1	38 cm
14AR2094	TOPGUN	71	35	-	AG	70	-	607	-	1161	-	-	-
HEREFORD													
7HP127	CERTIFIED	80	35	-	SS	54	78	737	105	1184	104	5.3	36 cm
7HP120	CUDA	77	N/A	50	SS	84	94	759	105	1383	118	-	37 cm
7HP130	ENDORSEMENT	78	50	60	SS	74	85	717	100	1254	102	-	38 cm
7HP116	EXCEDE	80	40	40	SS	74	-	667	-	-	-	-	30 UII
7HP125	GOLD RUSH	76	40	50	SS	75	-	736	-	-	-	-	-
7HP122	HISTORIC	80	40 50	60	SS	78	-	774	-	1219	-	-	- 36 cm
7HP124	POWER SURGE	79	50	40	SS	78	107	762	112	1318	114	-	38 cm
7HP128	REDBIRD	75	55	40 50	SS	75	-	694	-	1239	-	-	38 cm
7HP126	SLEEP ON	78	40	-	SS	73	92	742	109	1239	102	-	37 cm
14HP1037	SMALL TOWN KID	78	35	40	AG	80	92 96	797	109	1231	102	-	40 cm
	SWALL TOWN KID	79	30	40	AG	00	90	/9/	110	1277	100	-	40 CIII
CHAROLAIS													
7CH96	AFFINITY	83	50	35	SS	88	99	816	101	1310	108	-	41 cm
9CH106	FOREMAN	82	35	-	-	81	98	566	97	1110	103	4.2	39 cm
9CH103	LEAD TIME	83	45	-	-	75	91	725	102	1226	108	3.5	43 cm
9CH104	NEW MAN	82	35	-	-	67	104	817	118	1165	112	6.4	-
9CH105	SILVERSMITH	82	N/A	-	-	98	97	735	105	1175	105	6.3	36 cm
WAGYU													
714KB14	0632	87	N/A	-	-	-	-	-	-	-	-	-	-
714KB10	ET	87	N/A	-	-	-	-	-	-	-	-	-	-
9KB4	MACHO MOUSE	86	N/A	-	-	-	-	-	-	-	-	-	-
714KB16	MICH	86	N/A	-	-	-	-	-	-	-	-	-	-
714KB15	SUZUTANI	86	N/A	-	-	-	-	-	-	-	-	-	-
BRAHMAN													
9BR532	MR. V8 347/8	85	N/A	-	-	90	88	601	101	958	101	-	
	WIN. VO 347/0	00	N/A	-	-	30	00	001	101	300	101		-
CLUB CALF		_											
7CA11	LUCKY	85	N/A	-	SS	-	-	-	-	-	-	-	-

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