

ST[♂]enetics[®]

♀ **BEEF**

MUCH MORE THAN
SEX-SORTED SEMEN

THE BEST WAY TO PREDICT
THE FUTURE IS TO

Create It



ULTRAFertility™



FALL 2019 CATALOG

Why **ST**genetics®?

- ✓ **Global leader in sexed semen technology.**
- ✓ **Offers both conventional and sexed semen on elite industry leading sires.**
- ✓ **Ongoing research to improve and refine the use of sexed semen to help add profit to your bottom line.**
- ✓ **Nationwide salesforce that is experienced in A.I. and synchronization.**
- ✓ **Ongoing research into important beef topics such as feed efficiency and genomics.**
- ✓ **Your best source for tropically adapted breeds in the U.S.**
- ✓ **Leader in Global Sustainability.**

Sire Breeds

| | | | |
|-----------------|----|------------------|----|
| Angus..... | 10 | Brahman | 28 |
| New Sires..... | 22 | Club Calf..... | 29 |
| Red Angus | 24 | Maine-Anjou..... | 29 |
| Hereford..... | 25 | Red Brahman..... | 30 |
| Simmental..... | 26 | Brangus..... | 30 |
| Charolais | 27 | | |

Educational Topics

| | |
|---|----|
| 1/4 cc Straws | 3 |
| Beef Customer Service | 4 |
| Local Independent Service Representatives | 6 |
| Genetics or Phenotype | 8 |
| Angus \$Values Explained | 14 |
| Claw and Angle | 18 |
| STyle Genetics..... | 19 |
| ULTRA Fertility | 20 |
| Top Dollar Angus Partnership | 21 |
| Feed Efficiency – The “Must Have” Trait | 33 |
| Beef Heifer Synchronization Protocols | 34 |
| Beef Cow Synchronization Protocols | 35 |

All transactions are subject to the Terms and Conditions of Sale found at www.SexingTechnologies.com. Product of the USA. ©2019 Inguran LLC. All rights reserved. XY® and Sexing Technologies® sex-selected sperm products are made using the proprietary technologies of XY LLC and Inguran LLC, as partially represented by US patents 7,723,116, 6,357,307, 6,604,435, and 8,623,657. Patents Pending worldwide. XY® sex-selected inseminates are packaged as single use artificial insemination doses for heifers not to be divided or used in MOET or IVF procedures. STgenetics is a DBA of Inguran LLC. XY is a registered trademark of XY, LLC. The Sexed ULTRA and Sexed ULTRA 4M logos/marks are registered marks of Inguran LLC. The ecobeef logo/mark are trademarks of Inguran LLC. The Sexing Technologies and STgenetics logos/marks are registered marks of Inguran LLC. Data retrieved Dec 2018 from AAA, RAAA, AHA, ASA, AICA, ABBA, IBBA, and AWA.

1/4 cc Straw Use

Recently, the decision was made to process all semen on new **STgenetics®** Beef sires in 1/4 cc straws, both conventional and sexed.



Look for this icon
on our 1/4 cc sires!

Since sexed semen is processed in 1/4 cc straws and our customers are becoming more comfortable with the use of 1/4 cc straws it seemed like a natural transition.

Suggestions for Using 1/4 cc Straws

- ✓ 1/4 cc straws are more sensitive to thermal insult. Make sure and use tweezers and be careful to not pull semen canes above the neck of the tank. If not handled correctly, it can result in a decline in conception rate due to heat or cold shock.
- ✓ Use a 1/4 cc gun or a Universal Gun that is capable of handling 1/4 and 1/2 cc straws.
- ✓ It is a common misconception that there is less semen in a 1/4cc straw since there is less volume in the straw. The fact is both 1/4 and 1/2 cc straws contain the same amount of semen, the extender is adjusted to fill the straw.

For any questions regarding the use of 1/4 cc straws or to order your own gun, contact your local ST representative!

Beef Customer Service

Regional Managers

1

John Jackson

Billings, Montana
Cell: 406-672-5889
jjackson@stgen.com

Jared Herbst

District Sales Manager
Kimberly, Idaho
Cell: 208-993-1959
jared.herbst@stgen.com

2

Mark Holmen

Lanesboro, Minnesota
Cell: 507-273-7205
mark.holmen@stgen.com

Ryan Effling

District Sales Manager
Ipswich, South Dakota
Cell: 605-881-7690
ryan.effling@stgen.com

3

Danny Beckman

Danville, Iowa
Cell: 329-750-1174
dbeckman@stgen.com

4

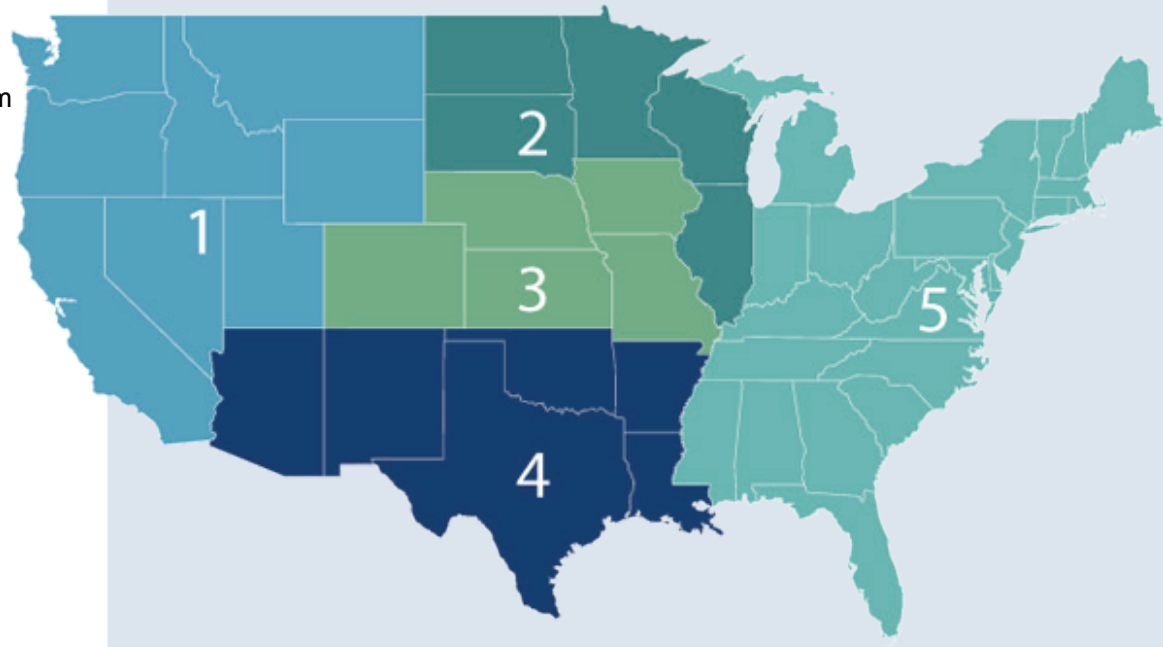
Luke Bradford

Anderson, Texas
Cell: 979-571-0028
lbradford@stgen.com

5

Robert Whitacre

Winchester, Virginia
Cell: 540-247-4282
rwhitacre@stgen.com



For International Distributors contact: **Beef@STgen.com**

Beef Staff

Lex Carter

Director of
Beef Marketing
Cell: 208-681-9711
lcarter@stgen.com

Aaron Arnett

Director of
Beef Genetics
Cell: 614-947-9931
aarnett@stgen.com

Adelyn Allen

Beef Operations
Manager
936-870-3960
aallen@stgen.com

Haley Herzog

Beef Marketing
Representative
936-870-3960
haley.herzog@stgen.com

Customer Service

Call Center Staff

Shelby Meyer

Beef Call Center
Manager

866-589-1708

smeyer@stgen.com

Rebecca Small

Beef Call Center
Representative

866-589-1708

rebecca.small@stgen.com

Call Center Staff can assist with:

- ✓ Ordering Directly
- ✓ AI Certificate Purchasing

**at 866-589-1708
or beef@stgen.com**

Beef Sales & Field Support Staff

Emily Hermes

Beef Sales and Field
Support Specialist

936-306-7555

emily.hermes@stgen.com

Beef Sales and Field Support Staff can assist with:

- ✓ Shipping information
- ✓ Finding a local sales person

Find Your Local

Independent Service Representative

Alabama

Jack Tate, Boaz
256-572-4021
Amanda Engle, A Phil Campbell
256-458-9311

Arizona

Tom Anderson, St. John's
928-581-9177
Matt Herrington, Safford
928-322-5841

Arkansas

Luke Foster, Paragould
870-565-2803
Ricky White, Romance
501-940-6954
Tyler Beaver, Fayetteville
479-966-7723
Daniel Wood, Mena
479-234-0424

California

Jason Gagnon, Exeter
559-723-6362
David Holden, Oroville
530-736-0727
Cara Ayres, Rogue River, OR
406-531-6131

Colorado

Donald Cox, Cheyenne, WY
307-630-0400
Matthew Brent, Woodrow
719-740-3268
Cody Johnson, Holly
970-630-1316
Matt Strand, Otis
970-397-9325

Florida

William Roland, Newberry
352-258-6482

Georgia

Wayne Edward Ansley, Cornelia
706-499-3869
Kyle Knight, Sylvania
912-690-5097

Idaho

Phil Mamer, Caldwell
208-454-3790
Wesley Ehlers, Shelley
208-357-1912
Steve Udy, Rockland
208-244-4184
Seth Christensen, Weston
208-589-9988

Illinois

Ryan Washburn, Martinsville
618-319-0358
Daniel Crum, Stronghurst
309-371-5729
John Kirchner, Leaf River
815-440-0682

Indiana

Trent Gable,
North Manchester
260-610-6004
Ty McGuire, Eaton, OH
937-533-3251

Iowa

Kirby Goettsch, Holstein
712-210-4685
Kyle Marriott, Blanchard
712-370-4651
Steven Farnsworth,
Downing, MO
660-216-3140
Jason Kurt, Cascade
563-599-1405
Daniel Crum, Stronghurst, IL
309-371-5729
Aric Leuthold, Ellsworth, MN
507-227-6827
Austin Brandt, Corning
712-621-1829

Kansas

Chad Briener, Alma
785-564-2091
Justus Bartonek, Olmitz
620-282-2960
Kelly Kennedy, Soldier
785-364-6082

Kentucky

David Woodall, Russellville
270-847-1010
Kip Sparrow, Frankfort
859-608-7798
Alex Cox, Campbellsville
270-789-9454

Louisiana

Mark Lejeune, Elton
337-526-3520
J&L Cattle Services, Rayne
337-945-3234

Michigan

Bryce Slavik, DeWitt
517-899-1788
Michelle & Jeremy Kosal,
Deckerville
810-625-1540

Minnesota

Mark Sandness, Fertile
218-289-0185
Aric Leuthold, Ellsworth
507-227-6827
Colby Siegert, Madison
320-226-8372
Bryce Tiffany, Elmwood, WI
715-508-8133
Dustin Martin, Blue Earth
712-229-2410

Mississippi

Roy Dennis Higdon III, Quitman
601-938-5465
Mike Howell, Baldwin
662-871-8468

Missouri

Kyle Marriott, Blanchard, IA
712-370-4651
Steven Farnsworth, Downing
660-216-3140
Kyle Wake, Willow Springs
417-855-0101

Kevin Kleinman, Wentworth
417-850-5676
Travis McConnaughy, Wasola
417-989-0486
Dana Bennet, Alton
417-252-0448
John Ridder, Marthasville
636-358-4161

Montana

LJ Olson, Grass Range
406-698-7051
Rod Wipperling, Baker
406-978-2685
Dean Becker, Ballantine
406-860-1019
Joseph Servais, Richey
406-939-1834
Gary Huber, Glendive
406-939-4920
David Siegle, Miles City
406-679-0008
Kevin Dawe, Big Timber
406-930-0001
Patty Nissen-Cross, Chinook
406-262-4635
Victoria Pocha, Ovando
406-546-1821
Jamie Lannen, Clyde Park
406-223-2110
Justin L. Paulson, Choteau
406-581-9901
Gail Vennes, Townsend
406-431-1009

Justin Obrigewitch, Twin Bridges
406-596-0303
Eli Nordquist, Twin Bridges
406-596-0302

Nebraska

Donald Cox, Cheyenne, WY
307-630-0400
Dennis Comer, Phillips
308-380-6315
Brock Olson, Newport
402-340-1454
Kate Knoble-Westergaard, Howells
402-237-2039
Judd Hoos, Rushville
308-360-3556
Josh Delaney, Valentine
308-360-1974
Dr. Casey Wehrman, Plymouth
402-239-9892
Fred Smith, McCook
308-737-1006

Nevada

Ron Torell, Elko
775-385-7665

New Mexico

Manny Encinias, Moriarty
505-927-7935
Rodney Swierc, Muleshoe, TX
575-749-7091

New York

Steven J. Packard, Macedon
585-738-9404
Tom Wright, Waverly
570-529-0163

North Carolina

Bill Kirkman, Greensboro
336-382-9635
Sean Simpkins, Canton
828-421-5453

North Dakota

Vern Frey, Towner
701-721-0344
Jeremy Strommen, New Salem
701-260-7405
Rod Wipperling, Baker, MT
406-978-2685
Gary Huber, Glendive, MT
406-939-4920
Joseph Servais, Richey, MT
406-939-1834
Mark Sandness, Fertile
218-289-0185

Ohio

Allen Gahler, Graytown
419-350-2091
Ty McGuire, Eaton
937-533-3251
Lindsey Grimes Hall, Hillsboro
937-763-8115
Shaun White, Rootstown
330-206-6580
Joe Tucker, Galion
419-961-2333
Garrett Stanfield, Manchester
606-375-2754

Oklahoma

Quin Peterson, Bixby
918-625-2500
Mike Marlow, Perkins
405-880-0108
Matt Myers, Edmond
405-315-7258
Lee M Jones, Amber
405-999-2532

Oregon

RJ Francis, Stanfield
541-561-4382
Cara Ayres, Rogue River
406-531-6131

Pennsylvania

Wendall Landis, PA Furnance
814-280-7611
John J. DeRunk Jr.,
West Sunbury
412-512-6107
Tom Wright, Waverly, NY
570-529-0163

South Dakota

Kelly Kinsley, Murdo
605-530-0298
Wade Christensen, Wessington
Springs
605-730-1801
Jeremy Schroeder, Winner
605-840-0510
Dustin Hurlbut, Raymond
605-380-8052
Jackson Rhodes, Faulkton
605-216-7841
Alex Jung, Mina
605-216-7622
Brady Lammers, Orient
605-870-0603
Jordan Rhodes, Faulkton
605-228-9301
Josh Delaney, Valentine, NE
308-360-1974
Colby Siegert, Madison, MN
320-226-8372
Gary Auch, Lesterville
605-660-5708
Judd Hoos, Rushville, NE
308-360-3556

Tennessee

Wes Ashe, Stantonville
731-439-3038
Jarrett Allen, Burnsville TN
828-678-1146
Amanda Gunter, Grimsley
931-267-0895

Texas

Phillip Marsh, Gainsville
940-284-5950
Clayton Harrington,
Lake Creek
903-332-0245
Jonathon Lindsey, Strawn
817-565-9370
Wesley Larkin, Edna
805-723-4011
Casey Zboril, Caldwell
940-256-3830
Mike Mackey, Giddings
512-237-0538
Stonie Kirk, Nacogdoches
936-554-5360
Rudy Garcia, Floresville
830-391-4886
Phil Williams, Follett
405-880-6463
Rodney Swierc, Muleshoe
575-749-7091
Kirk Roden, Grandview
432-312-5000
Cody Pohler, D.V.M., Wharton
361-649-0465
Agrimark Genetics, Kingsbury
512-787-0659
Tony Adkins, Teague
936-827-3318
Jarrod Montford, Bridgeport
940-389-3135
Lyle Zoeller, Gatesville
254-223-4517

Utah

Seth Christensen, Weston, ID
208-589-9988

Virginia

Kevin Fleenor, Appomattox
703-283-3151
Mike Bazzle, Rockingham
540-421-7411
Thomas W. Clark, Culpeper
540-937-0029
Lyle W Hartsock, Nickelsville
276-690-4217
Jason Pratt, Atkins
620-767-3618

Washington

Mark Ellis, Moses Lake
509-760-0395

West Virginia

Isaiah J. Smith, Moorefield
304-813-4674
Bill Rohr, Buchannon
304-613-9522

Wisconsin

Jack Cummings, Endeavor
608-345-6547
Kelsi Retallick, Glen Haven
608-778-7748
Brady Tiffany, Mondovi
715-308-3358
Bryce Tiffany, Elmwood
715-508-8133

Wyoming

Donald Cox, Cheyenne
307-630-0400
Tom Michelena, Sheridan
307-752-4085
Seth Christensen, Weston, ID
208-589-9988

ARE YOU BUYING genetics or *phenotype*?

By Bob Weaver, Ph.D. and Megan Rolf, Ph.D.,
Department of Animal Sciences and Industry, Kansas State University

THE OVERALL GOAL of sire selection for **commercial producers** (and their **seedstock vendors**) should be to **improve profitability**. This requires **knowledge** of the **traits** that generate **revenue** and **incur cost** within their beef cattle enterprise and a **focus** on the **tools** that **identify genetic differences** in those **traits** between **potential sires**.

What's in a *phenotype*?

Valuable information about the animal's genetic potential, only when interpreted in the same environment and opportunity to perform as its contemporaries.

PHENOTYPE VALUE

- Performance records are influenced by non-genetic and environmental factors.
- Non-genetic factors include:
 - 1) gender of calf
 - 2) age at observation
 - 3) age of dam
 - 4) nutrition
 - 5) season of calving

OBJECTIVE: TO PURCHASE GENETICS THAT WILL ENHANCE YOUR HERD'S OFFSPRING

When selecting on raw phenotypes (actual weights or ultrasound scan values) you consequently place selection pressure on the animal's genetic potential and environmental factors (herd, year, season, management, etc.).

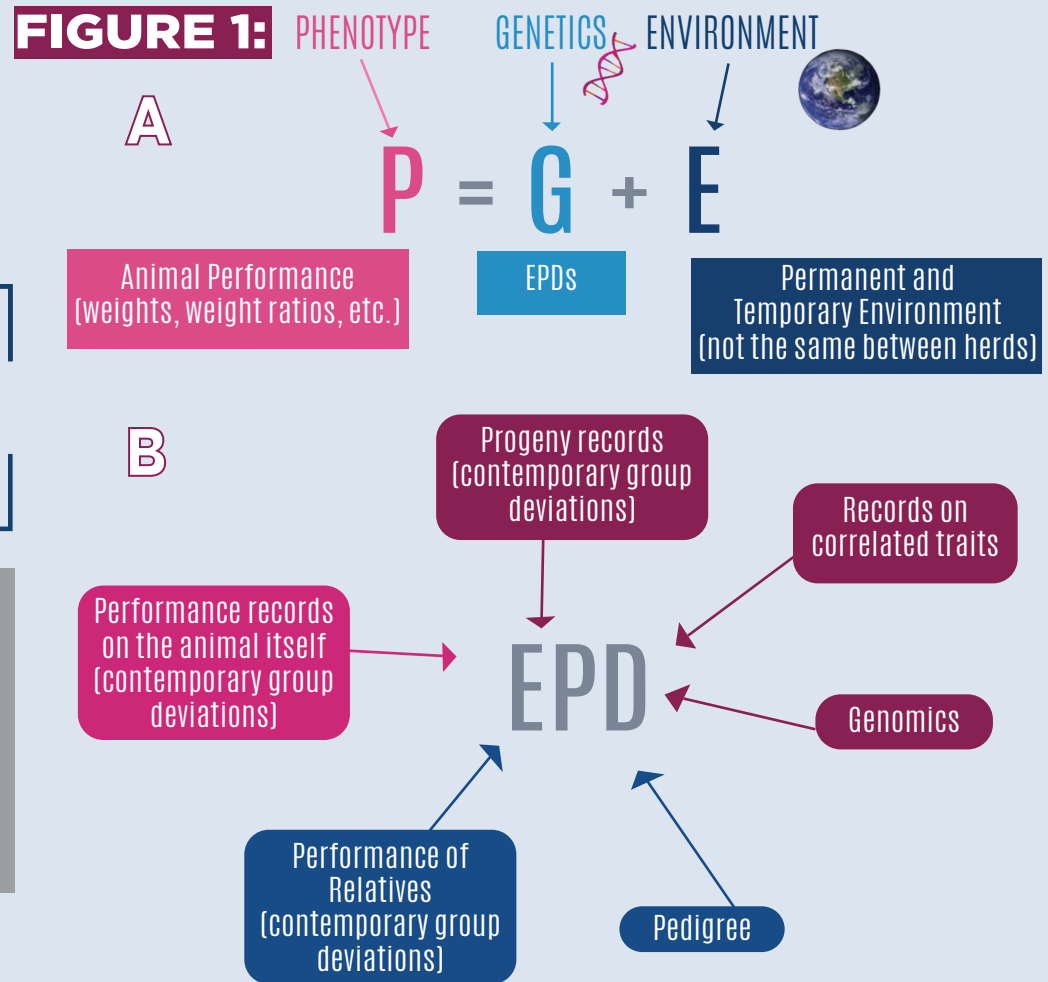
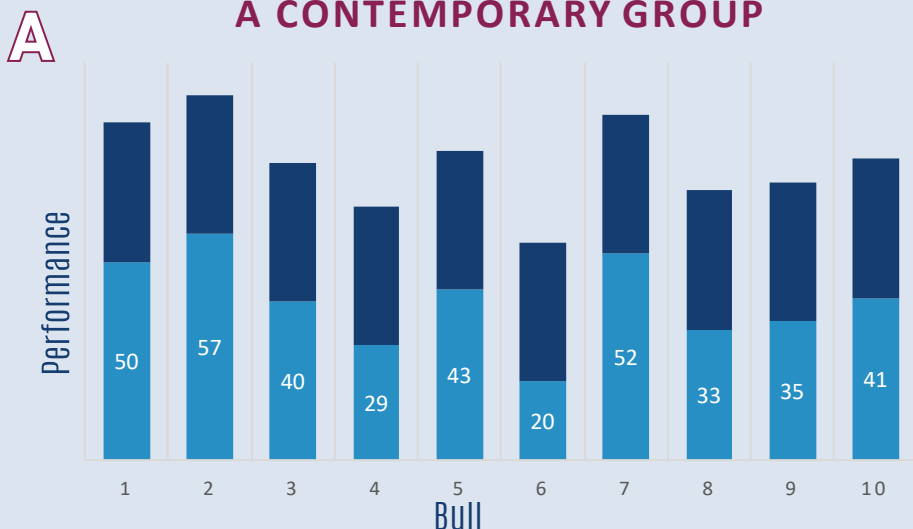


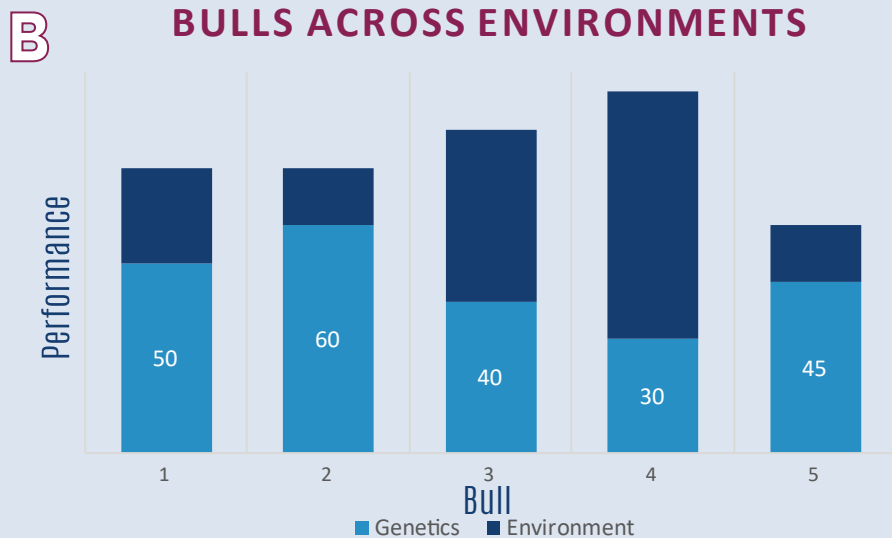
Figure 1: Diagram depicting the relationship between phenotypes and EPDs. Panel A shows that performance (weights, etc.) are a combination of an animal's genetic merit and the environment that they exist within. The environmental piece of a phenotype is removed during EPD prediction through appropriate contemporary grouping because environment is inherently invaluable as it is not shared across producers. Panel B shows that EPDs leverage the power of a breed association's database to combine information from pedigree and performance of relatives, progeny records, records on correlated traits, an animal's own performance record, and genomic testing, which all contribute to the EPD prediction.

FIGURE 2: Performance (height of each bar) is a combination of a bull's genetic merit (blue bars) and the environment in which he is raised (navy bars). Panel A shows a group of 10 bulls in the same contemporary group. Environment is identical within a contemporary group, so differences in performance are due solely to differences in genetic merit. In Panel B, you can see that EPDs allow us to compare bulls across multiple environments to find those with the most superior genetic merit, regardless of phenotypic performance. The bull with the best phenotype is not always the bull with the best genetic merit due to the influence of environment.

PERFORMANCE OF BULLS WITHIN A CONTEMPORARY GROUP

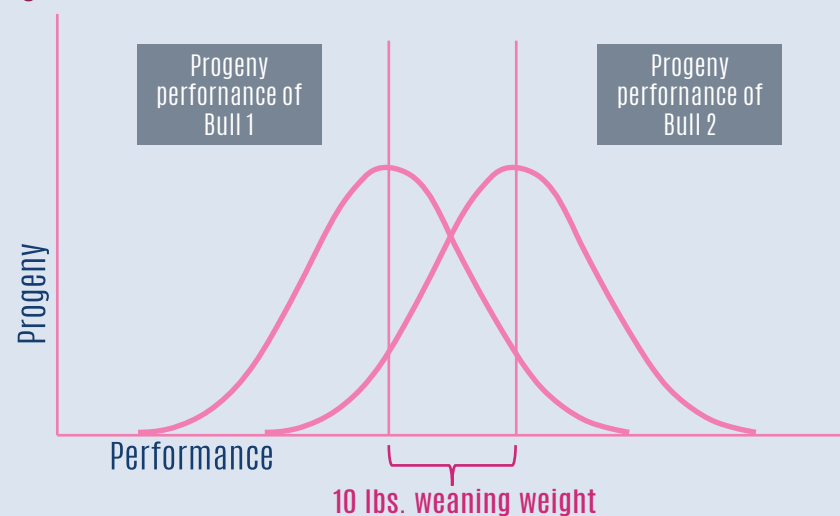


RELATIVE PERFORMANCE OF BULLS ACROSS ENVIRONMENTS



EPDs give us the tools necessary to compare these bulls across these vastly different environments and make an informed selection decision.

FIGURE 3: If we were to choose from Bulls 1 and 2 from Figure 2 (Panel A) breed to a group of cows with similar genetic merit, due to their identical performance for weaning weight, the offspring of Bull 2 would be, on average, **10 pounds heavier at weaning** than the progeny of Bull 1. Although they have identical weaning weights, their genetic merit is not the same due to Bull 1 having a more favorable environment.



Phenotype: what is seen or measured as influenced by genetics and the environment.

Example Phenotypes: birth weight, weaning weight, scrotal circumference, ribeye area, intramuscular fat (IMF), foot score, docility score, etc.

CONCLUSION:

Breeders should strive to collect high quality phenotypes and include those in the appropriate genetic evaluation system with genomics, and other sources of data, to produce the most accurate EPD and selection index as possible.

These EPDs and indexes should be the basis for selection.

Top Selling ANGUS SIREs

AAA 18578965
RAINDANCE

551AN01485
S A V Raindance 6848



Sexed **ULTRA4M**

Tattoo: 6848
Born: 1/11/2016
BW: 78 lbs
WW: 1053 lbs
YW: 1598 lbs
YSC: 40.9 cm
YF: 6.0

- Raindance sons and daughters were well received at the S A V Production Sale this year. "They are stunners – extra long, deep-bodied and stout-rumped with all the power, performance and presence you can put in one package," said Kelly Schaff.
- Raindance is the perfect outcross option for many popular lines of cattle to add body length, eye appeal and the maternal power of the great Blackcap May 4136.

— O C C Paxton 730P
Coleman Charlo 0256
— Bohi Abigale 6014
— S A V 8180 Traveler 004
S A V Blackcap May 4136
— S A V May 2397

From: Schaff Angus Valley, ND



Raindance Daughter

EPDs as of 08/15/2019

| Production | | | | | | | | | | Maternal | | | | | | Carcass | | | | \$ Value | | |
|------------|-----|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|------|---------|------|-----|--------|----------|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | \$EN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 6 | 1.5 | 71 | 132 | .3 | 1.04 | 19 | .34 | .38 | 7.8 | 4 | 25 | 52 | .3 | -.15 | 53 | 0 | .92 | -0.003 | 73 | 122 | 224 |
| ACC | .50 | .88 | .82 | .68 | .53 | .69 | .70 | .28 | .29 | .21 | .28 | .28 | .38 | .32 | | .42 | .34 | .39 | .36 | | | |
| % | | | 10 | 5 | | | | 2 | 3 | | | | 25 | | | 15 | 5 | | | 15 | | |

AAA 18130471
EXCLUSIVE

551AN01549
Musgrave 316 Exclusive



Sexed **ULTRA4M**



Tattoo: 1175
Born: 2/6/2015
BW: 77 lbs
WW: 850 lbs
YW: 1560 lbs
YSC: 41.6 cm
YF: 6.2

- Exclusive was one of the first 316 sons to sell and Musgrave's bought him back to use heavily in their own herd. They have identified him as one of the preminent 316 sons within the breed.
- As one of our top sellers for 2019, Exclusive is a larger outlined, higher performing version of his sire with the same body mass and phenotypic quality.

— Connealy Capitalist 028
LD Capitalist 316
— LD Dixie Erica 2053
— Musgrave Foundation
Musgrave Prim Lassie 163-386
— SCR Prim Lassie 80634

From: Musgrave Angus, IL and
TD Angus at Rishel Ranch, NE



Granddam: Musgrave 316 Exclusive

EPDs as of 08/15/2019

| Production | | | | | | | | | | Maternal | | | | | | Carcass | | | | \$ Value | | |
|------------|-----|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|------|---------|------|-----|------|----------|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | \$EN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 7 | 2.3 | 78 | 136 | .7 | 1.12 | 20 | .39 | .45 | 11.7 | 11 | 25 | 58 | .8 | -17 | 65 | .76 | .70 | .043 | 81 | 172 | 301 |
| ACC | .37 | .53 | .46 | .41 | .44 | .47 | .34 | .21 | .21 | .17 | .28 | .29 | .34 | .36 | | .39 | .34 | .34 | .30 | | | |
| % | | | 3 | 3 | 25 | | | 5 | 20 | | 25 | | 20 | 10 | | 3 | 20 | 20 | | 5 | 5 | 2 |

AAA 17954726

SURVEILLANCE

551AN01499

PVF Surveillance 4129



Sexed **ULTRA4M**



Tattoo: 4129

Born: 4/12/2014

BW: 81 lbs

WW: 775 lbs

YW: 1312 lbs

YSC: 36.5cm

YF: 6.1

ULTRAFertility™

- As the premiere outcross show sire in the Angus breed, Surveillance can be used on daughters of First Class, Style, Lutton, Primo and many others. In addition, he is also one of the best fertility sires we have ever offered in sexed semen.
- Surveillance progeny are standing out across the country with dominance in both shows and sales. His daughters have been featured in elite sales within the industry where they have been known to capture \$10,000 and more.

— O C C Legend 616L
B C Lookout 7024
— Gibbet Hill Mignonne E37
— PVF All Payday 729
PVF Ellen 9100
— Hyline Ellen 410

From: Prairie View Farms, IL



Daughter: FCF Blackbird 658

EPDs as of 08/15/2019

| | Production | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | |
|-----|------------|-----|-----|-----|-----|------|-----|----------|-------|-----|-----|-----|---------|-----|-----|-----|----------|-----|------|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | MIK | MW | MH | SEN | CW | Marb | RE | FAT |
| EPD | 5 | 2.6 | 51 | 76 | .1 | -.62 | 16 | .51 | .47 | 8.8 | 5 | 20 | 5 | -.2 | 11 | 21 | .19 | .19 | .040 |
| ACC | .47 | .79 | .69 | .51 | .53 | .45 | .44 | .23 | .23 | .24 | .36 | .37 | .45 | .47 | | .46 | .39 | .39 | .36 |
| % | | | | | | | | | | | | | | | 15 | | | | |

AAA 18156972

TREASURE

203AN01447

MGR Treasure



Sexed **ULTRA4M**



Tattoo: 5017

Born: 1/17/2015

BW: 75 lbs

WW: 843 lbs

YW: 1469 lbs

YSC: 39.0 cm

YF: 6.3

- Treasure has passed every test and now displays over 700 progeny records for birth weight. As a proven heifer sire, Treasure's elite growth and carcass quality has solidified his place in some of the breed's toughest contemporary groups within the industry.
- Treasure sired the top selling bull in Connealy's 2018 Spring Sale and is a consistent sire of daughters that are feminine and broody with exceptional foot quality.

— A A R Ten X 7008 S A
V A R Discovery 2240
— Deer Valley Rita 0308
— Connealy Impression
SJH Impression of 6108 1614
— DRMCTR 111 Rita 6108

From: Rutherford Ranches, TX



Treasure Daughter

EPDs as of 08/15/2019

| | Production | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | |
|-----|------------|------|-----|-----|-----|------|-----|----------|-------|------|-----|-----|---------|-----|-----|-----|----------|-----|-------|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | MIK | MW | MH | SEN | CW | Marb | RE | FAT |
| EPD | 8 | -1.2 | 68 | 132 | .3 | 1.11 | 21 | .52 | .43 | 11.7 | 16 | 15 | 32 | .2 | 0 | 46 | 1.13 | .57 | -.001 |
| ACC | .79 | .93 | .89 | .83 | .85 | .84 | .73 | .57 | .58 | .32 | .47 | .40 | .46 | .47 | | .54 | .48 | .49 | .49 |
| % | | 10 | 15 | 5 | | | 25 | | 15 | | 1 | | | | | 4 | | | |

Top Selling ANGUS SIREs

AAA 18836115

DECLARATION

551AN01505

Stevenson Declaration 70748



Sexed **ULTRA4M**



Tattoo: 70748

Born: 1/19/2017

BW: 78 lbs

WW: 815 lbs

YW: 1380 lbs

YSC: 37.5cm

YF: 6.2

- From one of the greatest flushes produced at Stevenson's, Declaration is a remarkable outlier for his unique combination of calving ease, growth and dollar values. His impressive hip design, structure and softness of rib are unique, setting Declaration apart from similarly bred options in the marketplace.

- A proven cow family solidifies Declaration with his donor dam having 2 at 117 WR, 1 at 122 YR, 2 at 117 IMF and 2 at 122 RE.

— Jindra 3rd Dimension
Jindra Acclaim
— Jindra Blackbird Lassie 1111
— S A V Thunderbird 9061
RL 9061 Birdie 3102
— RL 0145 Image 102

From: Stevenson Angus Ranch, MT

Top 1% for \$W

EPDs as of 08/15/2019

| | Production | | | | | | | | Maternal | | | | Carcass | | | | \$ Value | | |
|-----|------------|-----|-----|-----|-----|-----|-----|------|----------|------|-----|------|---------|-----|------|-----|----------|-----|------|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | RE | FAT | \$W | \$B | \$C |
| EPD | 11 | -.7 | 83 | 155 | .9 | .59 | 10 | .69 | .58 | 17.9 | 10 | 38 | 110 | 1.0 | -.49 | 71 | .48 | .59 | .012 |
| ACC | .38 | .53 | .42 | .37 | .42 | .38 | .33 | .17 | .17 | .16 | .28 | .29 | .32 | .34 | | .37 | .34 | .34 | .30 |
| % | 15 | 15 | 1 | 1 | 10 | | | | | 1 | 2 | 1 | 4 | | 2 | | 1 | 3 | 4 |

AAA 18913034

TERRITORY

551AN01521

S A V Territory 7225



Sexed **ULTRA4M**



Tattoo: 7225

Born: 2/28/2017

BW: 82 lbs

WW: 1075 lbs

YW: 1750 lbs

YSC: 38.5 cm

YF: 5.8

- Territory, Lot 1 at the 2018 S A V Sale, is proclaimed by Kelly Schaff as the greatest Resource son ever produced and is now being used to carry forth his lineage. His Density dam, a favorite at S A V, is strong in udder quality, structure and recorded a 104 weaning ratio on her first three calves.
- Early reports of his first calf crop have been outstanding, with Territory calves being Spring standouts in the S A V program.

— Rito 707 of Ideal 3407 7075
S A V Resource 1441
— S A V Blackcap May 4136
— S A V 004 Density 4336
S A V Emblynette 3293
— S A V Emblynette 7411

From: Schaff Angus Valley, ND;
JP Farms, IL and ALS Angus, IL



Territory Daughter

EPDs as of 08/15/2019

| | Production | | | | | | | | Maternal | | | | Carcass | | | | \$ Value | | |
|-----|------------|-----|-----|-----|-----|-----|-----|------|----------|------|-----|------|---------|-----|------|-----|----------|-----|------|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | RE | FAT | \$W | \$B | \$C |
| EPD | 3 | 3.0 | 82 | 147 | .7 | .53 | 27 | .43 | .46 | 13.3 | 6 | 20 | 109 | .6 | -.39 | 64 | .09 | .87 | .038 |
| ACC | .35 | .57 | .45 | .41 | .42 | .46 | .44 | .24 | .24 | .23 | .30 | .31 | .36 | .38 | | .39 | .36 | .36 | .33 |
| % | | | 2 | 1 | | | 10 | 15 | 25 | 20 | | 1 | 25 | | 4 | 10 | 20 | | |

AAA 18463791

BLACK ONYX

551AN01477

QHF WWA Black Onyx 5Q11



Sexed **ULTRA4M**



Tattoo: 5Q11

Born: 9/21/2015

BW: 77 lbs

WW: 692 lbs

YW: 1250 lbs

YSC: 36.8 cm

YF: 5.9

ULTRAFertility™

- Black Onyx is now progeny proven to be one of the low BW, high WW sires within the Angus breed. He has proven performance genetics stacked throughout his pedigree making him a great option to add stature and style to cattle needing some elevation.
- His ability to be used on heifers with top 3% weaning and yearling weight makes him useful in both commercial and registered settings.

— Connealy Consensus 7229
Connealy Black Granite
— Eura Elga of Conanga 9109
— MCC Daybreak
Wilks Blackcap 0D82
— QHF Blackcap 6E2 of 4V16 4355

From: Quaker Hill Farm, VA
and Wild Wind Angus, VA



Dam: Wilks Blackcap 0D82

EPDs as of 08/15/2019

| | Production | | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | |
|-----|------------|------|-----|-----|-----|------|-----|------|-------|------|----------|------|-----|-----|-----|---------|------|-----|-------|----------|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 13 | -1.5 | 79 | 142 | .8 | 1.33 | 30 | .46 | .56 | 12.1 | 12 | 42 | 79 | .7 | -37 | 75 | .41 | .84 | -.008 | 103 | 166 | 284 |
| ACC | .61 | .83 | .76 | .55 | .55 | .62 | .39 | .30 | .30 | .28 | .35 | .36 | .44 | .46 | | .50 | .42 | .42 | .40 | | | |
| % | 10 | 10 | 2 | 2 | 20 | 20 | 3 | 25 | | | 15 | 1 | 10 | 15 | | 1 | 10 | 25 | 1 | 10 | 5 | |

AAA 18543019

HOMESTEAD

551AN01484

Ellingson Homestead 6030



Sexed **ULTRA4M**

Tattoo: 6030

Born: 2/20/2016

BW: 74 lbs

WW: 925 lbs

YW: 1640 lbs

YSC: 39.5 cm

YF: 6.1

- Homestead provides an outcross pedigree with a great deal of performance, while still improving function and longevity traits. Homestead is a standout for foot improvement, body length and overall eye appeal. Combine that with his powerful maternal pedigree and balanced EPDs and you have a superior sire!
- The Homestead sons were highlights at the Ellingson Angus Bull Sale where they were enthusiastically received by the buyers.

— Connealy Thunder
CTS Remedy 1T01
— CTS 7V03 Bellemere Maid 9T02
— LT Territory 5824 of EA
EA Erica 1082
— S A V Alliance 2606

From: Ellingson Angus, ND



Son: Ellingson Homestead 8202

EPDs as of 08/15/2019

| Production | | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|------------|-----|-----|-----|-----|-----|-----|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|-----|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | \$EN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 6 | 1.7 | 71 | 138 | .8 | .85 | 25 | .41 | .38 | 15.3 | 14 | 29 | 87 | .9 | -33 | 51 | .44 | .46 | .051 | 72 | 133 | 243 |
| ACC | .59 | .84 | .78 | .64 | .60 | .68 | .69 | .31 | .28 | .22 | .30 | .32 | .41 | .41 | | .48 | .43 | .43 | .42 | | | |
| % | | | 10 | 3 | 20 | | 15 | 10 | 3 | 10 | 5 | 20 | 4 | 10 | | 20 | | | | 15 | | |

ANGUS \$Values EXPLAINED

Source: American Angus Association

\$M

Maternal Weaned Calf Value

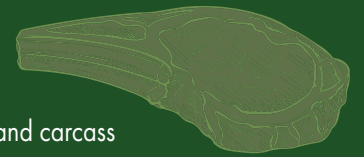
Expressed in dollars per head, predicts profitability differences from conception to weaning with the underlying breeding objective assuming that individuals retain their own replacement females within herd and sell the cull female and all male progeny as feeder calves. The model assumes commercial producers will replace 25% of their breeding females in the first generation and 20% 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.



\$B

Beef Value

A terminal index, expressed in dollars per carcass, to predict profitability differences in progeny due to genetics for postweaning and carcass traits. This terminal index assumes commercial producers wean all male and female progeny, retain ownership of these animals through the feedlot phase and market these animals on a carcass grid. Traits included in the index are as follows: yearling weight, dry-matter intake, marbling, carcass weight, ribeye area and fat.



\$C

Combined Value

Expressed in dollars per head, is an index which includes all traits that make up both \$M and \$B with the objective that commercial producers will replace 20% of their breeding females per year with replacement heifers retained within their own herd. The remaining cull heifer and steer progeny are then assumed to be sent to the feedlot where the producers retain ownership of those cattle and eventually sell them on a quality-based carcass merit grid. EPDs directly influencing a combined index: calving ease direct and maternal, weaning weight, yearling weight, maternal milk, heifer pregnancy, docility, mature cow weight, foot angle, claw set, dry matter intake, marbling, , carcass weight, ribeye area and fat thickness.

$$\text{\$C} = \text{\$M} + (1.297 \times \text{\$B})$$

\$Value Leaders at STgenetics



\$M TOP 10

EPDs as of 8/15/19

| | Name | REG # | \$M | % RANK |
|-----|-------------------------------|----------|-----|--------|
| 1. | Connealy Concord | 18148348 | 86 | 2 |
| 2. | SydGen Resolve 7132 | 18769311 | 82 | 4 |
| 3. | G A R Reliant | 18669357 | 81 | 10 |
| 4. | Sitz Dividend 649C | 18086964 | 80 | 10 |
| 5. | Bobcat Blue Sky | 18880272 | 80 | 10 |
| 6. | Ox Bow Ozzie 3233 | 17663847 | 79 | 10 |
| 7. | Hilltop Capstone 5374 | 18283184 | 79 | 10 |
| 8. | Musgrave Apache | 18194405 | 79 | 10 |
| 9. | Musgrave 316 Exclusive | 18130471 | 78 | 10 |
| 10. | LT Enterprise 5213 | 18316913 | 77 | 10 |

\$B TOP 10

EPDs as of 8/15/19

| | Name | REG # | \$B | % RANK |
|-----|------------------------------------|----------|-----|--------|
| 1. | TK Driller | 19112316 | 212 | 1% |
| 2. | G A R Reliant | 18669357 | 211 | 1% |
| 3. | G A R Storm | 18459815 | 201 | 1% |
| 4. | Spring Grove Expanse 7313 | 19149504 | 196 | 1% |
| 5. | G A R Drive | 18301470 | 195 | 1% |
| 6. | G A R Sunbeam | 18636166 | 187 | 1% |
| 7. | V A R Legend 5019 | 18066037 | 184 | 2% |
| 8. | C Bar Uncontested 6209 | 18598024 | 183 | 3% |
| 9. | Stevenson Declaration 70748 | 18836115 | 181 | 3% |
| 10. | Sitz Thunderball 734E | 18741035 | 180 | 2% |

\$C TOP 10

EPDs as of 8/15/19


















| | Name | REG # | \$C | % RANK |
|-----|----------------------------------|----------|-----|--------|
| 1. | G A R Reliant | 18669357 | 355 | 1 |
| 2. | TK Driller | 19112316 | 344 | 1 |
| 3. | G A R Sunbeam | 18636166 | 320 | 1 |
| 4. | Sitz Thunderball 734E | 18741035 | 309 | 2 |
| 5. | SydGen Resolve 7132 | 18769311 | 309 | 2 |
| 6. | Spring Grove Expanse 7313 | 19149504 | 304 | 2 |
| 7. | G A R Storm | 18459815 | 302 | 2 |
| 8. | Musgrave 316 Exclusive | 18130471 | 301 | 2 |
| 9. | V A R Legend 5019 | 18066037 | 299 | 2 |
| 10. | 44 Lucky Charm | 19066964 | 295 | 3 |



ANGUS *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | MILK | MW | MH | \$EN | CW | MARB | RE | Fat | \$M | \$W | \$B | \$C |
|----------|---|-------|-----|------|----|-----|------|-------|-----|------|-------|------|-----|------|-----|------|------|----|-------|------|--------|-----|-----|-----|-----|
| 17923431 | S A V Cattlemaster 4873 | Sexed | 8 | 3.1 | 78 | 132 | 1.2 | 1.84 | 21 | 1.84 | 0.45 | 10.2 | 7 | 34 | 67 | 0.8 | -27 | 60 | 0.98 | 1.17 | 0.013 | 70 | 88 | 167 | 287 |
| 18268046 | Ellingson Accelerate 5264 | Sexed | 16 | -0.8 | 67 | 117 | 0.8 | 1.03 | 12 | 0.48 | 0.42 | 13.5 | 14 | 37 | 43 | 0.3 | -17 | 33 | 0.42 | 0.24 | 0.049 | 76 | 89 | 93 | 197 |
| 18156972 | MGR Treasure | Sexed | 8 | -1.2 | 68 | 132 | 0.3 | 1.11 | 21 | 0.52 | 0.43 | 11.7 | 16 | 15 | 32 | 0.2 | 0 | 46 | 1.13 | 0.57 | -0.001 | 75 | 62 | 156 | 277 |
| 18086964 | Sitz Dividend 649C | Sexed | 15 | -3.5 | 52 | 102 | 0.0 | 0.73 | 22 | 0.60 | 0.50 | 15.7 | 14 | 22 | 12 | -0.2 | 6 | 40 | 0.42 | 0.45 | 0.056 | 80 | 57 | 122 | 238 |
| 18230653 | Connealy Commonwealth | Sexed | 10 | -0.9 | 59 | 103 | -0.2 | 1.20 | 21 | 0.47 | 0.54 | 15.2 | 8 | 24 | 31 | 0.1 | -4 | 41 | 0.25 | 0.80 | 0.037 | 76 | 67 | 76 | 226 |
| 18148348 | Connealy Concord | Sexed | 14 | -1.8 | 65 | 107 | 0.4 | 0.72 | 24 | 0.42 | 0.50 | 11.5 | 17 | 23 | 21 | 0.1 | 1 | 41 | 0.45 | 0.84 | -0.018 | 86 | 76 | 136 | 262 |
| 18194405 | Musgrave Apache | Sexed | 12 | -1.3 | 58 | 102 | 0.2 | 0.40 | 18 | 0.41 | 0.37 | 13.1 | 10 | 38 | 28 | 0.1 | -10 | 51 | 0.66 | 0.64 | 0.065 | 79 | 81 | 135 | 254 |
| 17663847 | Ox Bow Ozzie 3233 | Sexed | 10 | -0.2 | 70 | 123 | 0.0 | 1.19 | 16 | 0.53 | 0.47 | 16.9 | 7 | 27 | 49 | -0.2 | -14 | 47 | 0.58 | 0.50 | 0.048 | 79 | 80 | 122 | 237 |
| 18283184 | Hilltop Capstone 5374 | | 13 | -1.1 | 62 | 118 | 0.2 | 1.62 | 15 | 0.43 | 0.54 | 19.6 | 9 | 29 | 50 | 0.2 | -16 | 49 | 0.35 | 0.64 | 0.010 | 79 | 72 | 125 | 241 |
| 18316913 | LT Enterprise 5213 | Sexed | 13 | -0.9 | 57 | 108 | 0.3 | -0.11 | 16 | 0.41 | 0.47 | 18.7 | 11 | 23 | 48 | 0.2 | -12 | 39 | 0.55 | 0.44 | 0.040 | 77 | 59 | 134 | 251 |
| 18159093 | S Powerpoint WS 5503 | Sexed | 9 | -1.0 | 69 | 118 | 0.5 | 0.08 | 7 | 0.47 | 0.51 | 9.3 | 12 | 20 | 38 | 0.2 | -5 | 40 | 0.93 | 0.32 | 0.072 | 64 | 73 | 114 | 212 |
| 18301470 | G A R Drive | Sexed | 14 | -0.5 | 52 | 95 | 0.5 | 0.47 | 28 | 0.63 | 0.56 | 6.8 | 6 | 36 | 48 | 0.6 | -19 | 36 | 1.62 | 1.01 | 0.023 | 39 | 67 | 195 | 292 |
| 18250419 | SITZ Reload 411C | Sexed | 9 | -0.2 | 55 | 114 | -0.1 | 1.29 | 21 | 0.38 | 0.36 | 12.8 | 6 | 30 | 30 | -0.3 | -7 | 31 | 0.26 | 0.49 | 0.034 | 75 | 63 | 57 | 189 |
| 18459815 | G A R Storm | Sexed | 15 | -0.6 | 78 | 136 | 0.9 | 0.43 | 7 | 0.54 | 0.52 | 13.1 | 16 | 17 | 111 | 1.0 | -38 | 64 | 0.98 | 1.04 | -0.019 | 41 | 70 | 201 | 302 |
| 18066037 | V A R Legend 5019 | Sexed | 6 | 1.9 | 66 | 130 | 0.7 | 0.50 | 19 | 0.52 | 0.43 | 14.7 | 14 | 23 | 78 | 0.8 | -26 | 56 | 0.90 | 0.82 | -0.052 | 60 | 59 | 184 | 299 |
| 18463791 | QHF WWA Black Onyx 5Q11  | Sexed | 13 | -1.5 | 79 | 142 | 0.8 | 1.33 | 30 | 0.46 | 0.56 | 12.1 | 12 | 42 | 79 | 0.7 | -37 | 75 | 0.41 | 0.84 | -0.008 | 69 | 103 | 166 | 284 |
| 18543019 | Ellingson Homestead 6030 | Sexed | 6 | 1.7 | 71 | 138 | 0.8 | 0.85 | 25 | 0.41 | 0.38 | 15.3 | 14 | 29 | 87 | 0.9 | -33 | 51 | 0.44 | 0.46 | 0.051 | 70 | 72 | 133 | 243 |
| 18578965 | S A V Raindance 6848 | Sexed | 6 | 1.5 | 71 | 132 | 0.3 | 1.04 | 19 | 0.34 | 0.38 | 7.8 | 4 | 25 | 52 | 0.3 | -15 | 53 | 0.00 | 0.92 | -0.003 | 66 | 73 | 122 | 224 |
| 18619182 | Hilltops Charged Up 44T | | 1 | 2.3 | 89 | 151 | 0.9 | 0.91 | 30 | 0.43 | 0.40 | 13.6 | 2 | 19 | 109 | 0.8 | -38 | 72 | -0.13 | 0.56 | 0.015 | 64 | 81 | 112 | 209 |
| 18610758 | HF Long Shot 71D | | 10 | 0.0 | 58 | 103 | 0.7 | 0.17 | 24 | 0.60 | 0.60 | 14.6 | 8 | 32 | 46 | 0.4 | -16 | 40 | 0.69 | 0.40 | 0.052 | 62 | 71 | 125 | 224 |
| 17954726 | PVF Surveillance 4129 | Sexed | 5 | 2.6 | 51 | 76 | 0.1 | -0.62 | 16 | 0.51 | 0.47 | 8.8 | 5 | 20 | 5 | -0.2 | 11 | 21 | 0.19 | 0.19 | 0.040 | 63 | 51 | 63 | 145 |
| 18598024 | C Bar Uncontested 6209 | | 13 | 1.0 | 66 | 128 | 0.5 | 1.08 | 10 | 0.54 | 0.48 | 16.4 | 10 | 14 | 90 | 1.0 | -26 | 58 | 0.73 | 1.02 | -0.010 | 45 | 49 | 183 | 282 |

| Reg No. | Reg Name | Sexed | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | MILK | MW | MH | \$EN | CW | MARB | RE | Fat | \$M | \$W | \$B | \$C |
|----------|--|-------|-----|------|----|-----|-----|------|-----|------|-------|------|-----|------|-----|------|------|----|------|------|--------|-----|-----|-----|-----|
| 18579001 | S A V Extension 6856 | Sexed | 10 | 0.0 | 54 | 94 | 0.4 | 0.28 | 22 | 0.51 | 0.49 | 11.3 | 11 | 26 | 44 | 0.2 | -11 | 34 | 0.49 | 0.35 | 0.055 | 59 | 60 | 90 | 176 |
| 18004546 | J&J Weigh Up 294 | Sexed | 9 | -0.3 | 71 | 123 | 0.8 | 1.32 | 25 | 0.73 | 0.57 | 11.5 | 10 | 30 | 56 | 0.7 | -19 | 54 | 0.72 | 0.54 | 0.015 | 60 | 84 | 160 | 268 |
| 18561289 | ZWT Summitt 6507 | Sexed | 10 | 0.3 | 66 | 117 | 0.2 | 0.52 | 36 | 0.39 | 0.44 | 7.8 | 7 | 19 | 38 | -0.1 | -5 | 33 | 0.26 | 0.75 | -0.005 | 72 | 67 | 98 | 199 |
| 18836115 | Stevenson Declaration 70748  | Sexed | 11 | -0.7 | 83 | 155 | 0.9 | 0.59 | 10 | 0.69 | 0.58 | 17.9 | 10 | 38 | 110 | 1.0 | -49 | 71 | 0.48 | 0.59 | 0.012 | 53 | 98 | 181 | 288 |
| 18880272 | Bobcat Blue Sky | Sexed | 11 | 1.8 | 85 | 142 | 0.6 | 0.27 | 22 | 0.53 | 0.50 | 14.9 | 13 | 25 | 73 | 0.2 | -25 | 65 | 0.85 | 0.69 | 0.034 | 80 | 91 | 158 | 285 |
| 18741035 | Sitz Thunderball 734E  | Sexed | 8 | 1.1 | 65 | 123 | 0.1 | 2.31 | 16 | 0.50 | 0.49 | 13.3 | 7 | 34 | 31 | 0.0 | -10 | 57 | 1.02 | 0.61 | 0.020 | 76 | 81 | 180 | 309 |
| 18869400 | Connealy Maternal Made  | Sexed | 4 | 0.9 | 63 | 114 | 0.5 | 0.27 | 12 | 0.40 | 0.44 | 12.1 | 3 | 31 | 38 | 0.1 | -11 | 45 | 0.70 | 0.34 | 0.052 | 68 | 75 | 138 | 247 |
| 18669357 | G A R Reliant  | | 7 | 1.9 | 73 | 137 | 0.9 | 1.13 | 38 | 0.58 | 0.53 | 17.3 | 6 | 38 | 64 | 0.5 | -27 | 66 | 1.34 | 0.99 | -0.007 | 81 | 88 | 211 | 355 |
| 18636166 | G A R Sunbeam  | Sexed | 10 | 0.7 | 67 | 121 | 0.7 | 0.41 | 18 | 0.48 | 0.55 | 14.2 | 11 | 25 | 38 | 0.2 | -8 | 60 | 1.15 | 1.07 | -0.030 | 77 | 75 | 187 | 320 |
| 18769311 | SydGen Resolve 7132  | Sexed | 14 | -0.2 | 60 | 117 | 1.0 | 1.16 | 4 | 0.46 | 0.50 | 19.9 | 11 | 37 | 34 | 0.4 | -13 | 53 | 1.04 | 1.11 | -0.002 | 82 | 78 | 175 | 309 |
| 18913034 | S A V Territory 7225  | Sexed | 3 | 3.0 | 82 | 147 | 0.7 | 0.53 | 27 | 0.43 | 0.46 | 13.3 | 6 | 20 | 109 | 0.6 | -39 | 64 | 0.09 | 0.87 | 0.038 | 57 | 71 | 128 | 223 |
| 19149504 | Spring Grove Expanse  | | 12 | 0.0 | 70 | 130 | 0.6 | 0.84 | 16 | 0.43 | 0.70 | 10.2 | 11 | 39 | 74 | 0.7 | -33 | 66 | 0.56 | 1.19 | -0.054 | 50 | 88 | 196 | 304 |
| 18130471 | Musgrave 316 Exclusive  | Sexed | 7 | 2.3 | 78 | 136 | 0.7 | 1.12 | 20 | 0.39 | 0.45 | 11.7 | 11 | 25 | 58 | 0.8 | -17 | 65 | 0.76 | 0.70 | 0.043 | 78 | 81 | 172 | 301 |
| 19166276 | Schroeder High Roller  | Sexed | 11 | -0.2 | 73 | 130 | 0.3 | 0.77 | 14 | 0.49 | 0.55 | 15.3 | 12 | 32 | 97 | 0.7 | -40 | 51 | 0.71 | 0.51 | 0.012 | 54 | 84 | 138 | 233 |
| 19066964 | 44 Lucky Charm  | | 9 | 1.0 | 76 | 136 | 0.8 | 2.37 | 24 | 0.49 | 0.50 | 10.8 | 12 | 31 | 60 | 0.5 | -22 | 59 | 0.94 | 0.69 | 0.022 | 71 | 88 | 173 | 295 |
| 19250923 | S A V Headwaters 8019  | Sexed | -2 | 2.7 | 67 | 115 | 0.6 | 1.14 | 12 | 0.35 | 0.43 | 12.4 | -1 | 33 | 47 | 0.5 | -17 | 55 | 0.07 | 0.52 | 0.027 | 66 | 77 | 104 | 201 |
| 19250927 | S A V Renew 8132  | Sexed | 2 | 2.9 | 82 | 141 | 0.7 | 1.29 | 22 | 0.53 | 0.54 | 12.1 | 7 | 29 | 78 | 0.4 | -29 | 58 | 0.18 | 0.96 | 0.008 | 64 | 87 | 114 | 212 |
| 19202253 | Musgrave Crackerjack  | Sexed | 13 | -0.5 | 71 | 124 | 0.1 | 1.79 | 16 | 0.45 | 0.45 | 12.3 | 16 | 27 | 99 | 0.6 | -38 | 55 | 0.53 | 0.57 | 0.014 | 51 | 77 | 148 | 243 |
| 18272672 | B/R MVP 5247  | | 10 | 1.0 | 69 | 119 | 0.7 | 0.95 | 16 | 0.54 | 0.53 | 13.6 | 14 | 27 | 59 | 0.8 | -19 | 60 | 0.71 | 0.75 | -0.005 | 66 | 77 | 169 | 285 |
| 19112316 | TK Driller  | | 13 | 1.2 | 83 | 161 | 0.9 | 0.45 | 26 | 0.51 | 0.39 | 13.5 | 8 | 28 | 93 | 0.8 | -36 | 82 | 0.83 | 1.07 | 0.003 | 69 | 86 | 212 | 344 |
| 19257149 | Connealy Emerald  | Sexed | 11 | -0.1 | 73 | 136 | 0.6 | 0.90 | 32 | 0.42 | 0.45 | 13.0 | 10 | 21 | 72 | 0.6 | -22 | 48 | 0.79 | 1.20 | -0.041 | 73 | 72 | 165 | 287 |



New Angus

Foot Structure EPDs:

Claw Set and Foot Angle

Foot Angle: 5 is ideal



Claw Set: 5 is ideal



Claw Set EPD (Claw), is expressed in units of claw-set score, with a **lower EPD being favorable** indicating a sire will produce progeny with more ideal claw set. The ideal target for claw set being toes are symmetrical, evenly and appropriately spaced.

Foot Angle EPD (Angle), is expressed in units of foot-angle score, with a **lower EPD being favorable** indicating a sire will produce progeny with more ideal foot angle. The ideal targeting animals with a 45-degree angle at the pastern joint with appropriate length and heel depth. The foot scores range from 1-9 with 5 being an ideal score for both claw set and foot angle. Foot scores can be collected on animals as early as one year of age; however, producers are encouraged to continuously collect foot scores on older females

Currently, breed average for both of these traits is 0.5. This means an animal with EPDs less than 0.5 can be considered a "breed improver" for that trait. When using these two new EPDs, these tools should be used to compare bulls to each other. For example, Bull A has a +0.5 claw set EPD and Bull B has a 0.0 claw set EPD. Bull B's progeny, on average, would be predicted to score half a score better on the 5-9 scale for claw set compared to Bull A's progeny.

In addition to being released, these two foot score EPDs will also be included in the new maternal weaned calf value (\$M) index that predicts profitability from conception to weaning.

Source: American Angus Association

TOP *Claw* SIREs

EPDs as of 8/15/19

| Name | Reg # | Claw | %Rank |
|----------------------------------|----------|------|-------|
| 1. S A V Raindance 6848 | 18578965 | 0.34 | 2% |
| 2. S A V Headwaters 8019 | 19250923 | 0.35 | 2% |
| 3. SITZ Reload 411 C | 18250419 | 0.38 | 4% |
| 4. ZWT Summit 6507 | 18561289 | 0.39 | 5% |
| 5. Musgrave 316 Exclusive | 18130471 | 0.39 | 5% |

TOP *Angle* SIREs

EPDs as of 8/15/19

| Name | Reg # | Angle | %Rank |
|------------------------------------|----------|-------|-------|
| 1. SITZ Reload 411 C | 18250419 | 0.36 | 2% |
| 2. S A V Cattlemaster 4873 | 17923431 | 0.36 | 2% |
| 3. Musgrave Apache | 18194405 | 0.37 | 2% |
| 4. S A V Raindance 6848 | 18578965 | 0.38 | 3% |
| 5. Ellingson Homestead 6030 | 18543019 | 0.38 | 5% |



STgenetics® Beef is proud to introduce
STyle Genetics™! Style Genetics™ are
 sires available in SexedULTRA 4M® and
 Conventional that provide a balance
 between production and favor the show ring.

STyle Sires:

| | |
|------------|------------------------------------|
| 551AN01499 | PVF Surveillance 4129 |
| 551AR01515 | Pelton Wideload 78B |
| 551HH01704 | H FHF Advance 628 ET |
| 551CH01505 | CCC WC Resource 417 P |
| 551CH01506 | WC Milestone 5223 P |
| 551CH01508 | LT Patriot 4004 PLD |
| 551SM09024 | MG/GSC Authority W14C |
| 551SM09027 | RFG/K-LER Elevation 727E |
| 551SM09029 | SFI Brigade D21 |
| 551SM09030 | OMF Epic E27 |
| 551SM09032 | HILB Oracle C033R |
| 203BR01371 | Mr. H Bogota Manso 253/1 |
| 203BR01600 | Mr. Karu Manso 800 |
| 203BR01913 | Mr SNS Omaha 273/6 |
| 203RR00473 | +Mr Winchester Magnum 999/3 |
| 203RR01190 | 3X-HK Arquitecto |
| 203RR01478 | 3X-HK Mr. 966 ' Parallel ' |
| 203RR01503 | +Mr. SG 111/1 ' Jack ' |
| 551RR01606 | HK X-Ray |
| 551XB02000 | Fur Trader |
| 551XB02001 | X-Factor |
| 551MA01301 | BOE Game Changer ET |



ULTRAFertility™

“ When Conception Matters Most ”

Your business begins at conception. At STgenetics, all sires must consistently produce high quality semen and every collection is required to pass our rigorous pre- and post-thaw quality evaluation, or it is discarded. STgenetics has the opportunity to work with cooperating herds to create an internal evaluation system that compares conception rates throughout the industry. A critical number of inseminations allows STgenetics to highly recommend these sires for Fixed Time AI protocols, embryo production and sexed semen superiority.

Using ULTRAFertility sires will maximize conception rates and keep your business running efficiently.

ULTRAFertility™ Sires:



Ox Bow **Ozzie** 3233
203AN01466



V A R **Legend** 5019
551AN01476



QHF WWA **Black Onyx** 5Q11
551AN01477



PVF **Surveillance** 4129
551AN01499



Sitz **Thunderball** 734E
551AN01509



Connealy **Maternal Made**
551AN01511



G A R **Sunbeam**
551AN01518



GW **Compass** 371C
551SM09016



STgenetics ANNOUNCES — **PARTNERSHIP** — WITH TOP DOLLAR ANGUS

STgenetics Beef is excited to announce our partnership with Top Dollar Angus. Top Dollar Angus (TDA) is the first and only certification program for commercial feeder cattle focused exclusively on Angus and Red Angus-based cattle with Top 25% growth and carcass traits. TDA strives to enhance the cattle buying process by providing value-based, genetic analytics that strongly correlate to risk reduction. The precision that genetic verification adds helps fine tune profitability estimates creating opportunities to seek out more valuable cattle. TDA has identified the STgenetics sires listed here that meet the required genetic specifications.



NAAB CODE

203AN01411
203AN01447
203AN01464
203AN01465
203AN01467
551AN01468
551AN01472
551AN01474
551AN01476
551AN01477
551AN01484
551AN01494
551AN01500
551AN01502
551AN01505
551AN01507
551AN01509
551AN01511
551AN01517
551AN01518
551AN01520
551AN01544
551AN01549
551AN01551
551AN01553
551AN01563
551AN01566
551AN01568
551AN01573

ANGUS

S A V **Cattlemaster** 4873
MGR **Treasure**
Connealy **Concord**
Musgrave **Apache**
Hilltop **Capstone** 5374
LT **Enterprise** 5213
G A R **Drive**
G A R **Storm**
V A R **Legend** 5019
QHF WWA **Black Onyx** 5Q11
Ellingson **Homestead** 6030
HF **Long Shot** 71D
C Bar **Uncontested** 6209
J&J **Weigh Up** 294
Stevenson **Declaration** 70748
Bobcat **Blue Sky**
Sitz **Thunderball** 734E
Connealy **Maternal Made**
G A R **Reliant**
G A R **Sunbeam**
SydGen **Resolve** 7132
Spring Grove **Expanse** 7313
Musgrave 316 **Exclusive**
Schroeder **High Roller**
44 **Lucky Charm**
Musgrave **Crackerjack**
B/R MVP **5247**
TK **Driller**
Connealy **Emerald**

NAAB CODE

203AR01504
551AR01510
551AR01511
551AR01513
551AR01515
551AR01516
551AR01558

RED ANGUS

PIE **Just Right** 540
PIE **Up Front** 508
LSF SRR **Exceptional** 5464C
Over **Draft Pick** 413D
Pelton **Wideload** 78B
Bieber **Brave** E573
STRA **Relentless**

NEW ANGUS *Sires*

AAA 19066964

LUCKY CHARM

44 Lucky Charm

551AN01553



— Silveiras Conversion 8064
BUBS Southern Charm AA31
— Hickory Hill Erica 009
— S A V Priority 7283
TRM Rita 4115
— TRM Rita 072

Tattoo: 7947 YW: 123 lbs
DOB: 10/26/2017 YSC: 36.0 cm
BW: 64 lbs YF: 5.8
WW: 745 lbs

From: 44 Farms, TX and
Rimrock Holdings, TX

Lucky Charm is the top selling bull from the 44 Farms Spring 2019 Bull Sale, where he was admired for his outcross pedigree, excellent structure and performance. He posted ratios of 94 for BW, 112 for WW, 107 for YW, 146 for IMF and 104 for RE.

His S A V Priority dam posts 2 at 106 for WW and 2 at 105 for YW. With his fresh pedigree, balanced EPDs including Top 1% SC, Top 10% MARB, and Top 2% \$Combined. We believe Lucky Charm has many contributions to make as one of the unique sires to sell in 2019.



EPDs as of 08/15/2019

| Production | | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|------------|------|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 9 | 1.0 | 76 | 136 | 0.8 | 2.37 | 24 | 0.49 | 0.50 | 10.8 | 12 | 31 | 60 | 0.5 | -22 | 59 | 0.94 | 0.69 | 0.022 | 88 | 173 | 295 |
| ACC | 0.34 | .52 | .45 | .40 | .48 | .46 | .34 | .20 | .20 | .18 | .26 | .28 | .35 | .38 | | .39 | .35 | .35 | .33 | | | |
| % | | | 3% | 3 | 20 | 1 | 20 | | | | 15 | 10 | 20 | | | 10 | 15 | | | 2 | 4 | 3 |

AAA 19250923

HEADWATERS

S A V Headwaters 8019

551AN01556



— Coleman Charlo 0256
S A V Raindance 6848
— S A V Blackcap May 4136
— S A V 707 Rito 9969
S A V Emblynette 2184
— S A V Emblynette 9981

Tattoo: 8019 YW: 1483 lbs
DOB: 1/31/2018 YSC: 40.0 cm
BW: 73 lbs YF: 6.1
WW: 1003 lbs

From: Schaff Angus Valley, ND; Cole
Elrod, GA and Barry Cronin, GA

Headwaters was our pick of the Raindance sons in the 2019 S A V bull sale. His smooth shoulder design and upheaded presence is impressively paired with explosive rib shape, natural depth and a big hip.

His feminine, broody Emblynette dam by 9969 is a favorite donor at S A V with five daughters retained in the herd. We believe Headwaters is the logical next step forward in the Raindance line and with his incredible performance, stunning phenotype and maternal excellence.



EPDs as of 08/15/2019

| | Production | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|-----|------------|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | -2 | 2.7 | 67 | 115 | 0.6 | 1.14 | 12 | 0.35 | 0.43 | 12.4 | -1 | 33 | 47 | 0.5 | -17 | 55 | 0.07 | 0.52 | 0.027 | 77 | 104 | 201 |
| ACC | .32 | .53 | .47 | .43 | .43 | .49 | .46 | .21 | .21 | .19 | .27 | .29 | .35 | .37 | | .39 | .35 | .36 | .33 | | | |
| % | | | 15 | 20 | | 25 | | 2 | 15 | | | 10 | | | | 15 | | | | 10 | | |

AAA 19250927

RENEW

S A V Renew 8132

551AN01557



— Rito 707 of Ideal 3407 7075
S A V Renown 3439
— S A V Blackcap May 4136
— Connealy Cavalry 1149
S A V Blackcap May 4593
— S A V Blackcap May 8051

Tattoo: 8132 YW: 1547 lbs
DOB: 2/21/2018 YSC: 41.5 cm
BW: 84 lbs YF: 5.9
WW: 1049 lbs

From: Schaff Angus Valley, ND
and Ingram Angus, TN

Renew was the lead Renown son and our selection as the phenotype standout of the 2019 S A V bull sale. He is as stout and wide-based as you can build one with tremendous muscle and performance.

Renew leaves a lasting impression on all who see him. He is the kind that can have a long-term positive impact on Angus cattle.



EPDs as of 08/15/2019

| Production | | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|------------|-----|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 2 | 2.9 | 82 | 141 | 0.7 | 1.29 | 22 | 0.53 | 0.54 | 12.1 | 7 | 29 | 78 | 0.4 | -29 | 58 | 0.18 | 0.96 | 0.008 | 87 | 114 | 212 |
| ACC | .35 | .53 | .46 | .42 | .44 | .48 | .45 | .25 | .25 | .21 | .31 | .33 | .36 | .38 | | .40 | .37 | .37 | .34 | | | |
| % | | | 1 | 2 | | 20 | 25 | | | | | 20 | 10 | | | 10 | | 10 | | 2 | | |

AAA 19202253

CRACKERJACK

Musgrave Crackerjack

551AN01563



— LD Capitalist 316
Musgrave 316 Stunner
— MCATL Blackbird 831-1378
— Musgrave Big Sky
Musgrave Rito Jet A649
— G C F Miss New Level R216

Tattoo: 1811 YW: 1490 lbs
DOB: 1/8/2018 YSC: 37.5 cm
BW: 68 lbs YF: 5.8
WW: 772 lbs

From: Musgrave Angus, IL

• As the lot 1 and top selling bull from their 2019 sale, Musgrave's identified Crackerjack early as the next step forward in their breeding program. His powerful, proud look, awesome structure and body density is blended with balanced genetic predictions for a sire that is as well-rounded as you will find in the breed.

• The STgenetics team identified Crackerjack for his excellent feet, large scrotal development and extra muscle expression. His productive dam has power and substance complimented by femininity, with a pretty udder and excellent feet.



EPDs as of 08/15/2019

| Production | | | | | | | | | Maternal | | | | | | Carcass | | | | \$ Value | | | |
|------------|-----|------|-----|-----|-----|------|-----|------|----------|------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | \$EN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 13 | -0.5 | 71 | 124 | 0.1 | 1.79 | 16 | 0.45 | 0.45 | 12.3 | 16 | 27 | 99 | 0.6 | -38 | 55 | 0.53 | 0.57 | 0.014 | 77 | 148 | 243 |
| ACC | .38 | .54 | .47 | .42 | .43 | .48 | .31 | .19 | .19 | .18 | .26 | .28 | .34 | .37 | | .40 | .34 | .34 | .31 | | 20 | |
| % | 10 | 15 | 10 | 10 | | 4 | | 20 | 20 | | 1 | | 2 | 25 | | 15 | | | | 10 | | |

AAA 18272672

MVP

B/R MVP 5247

551AN01566



— Basin Payweight 006S
Basin Payweight 1682
— 21AR O Lass 7017
— B/R Destination 7222-1148
B/R Blossom 3254
— B/R Blossom 1102

Tattoo: 5247 YW: 1240 lbs
DOB: 8/21/2015 YSC: 39.5 cm
BW: 72 lbs YF: 6.0
WW: 707 lbs

From: TD Angus at Rishel Ranch, NE

• MVP is a unique 1682 son for HP and RE within the Angus population. His clean neck, smooth shoulder, superior foot quality and genuine square hip give him an advantage over most. At the 2019 TD Angus sale, his first set of progeny averaged nine sons for over \$6,000 and two daughters at \$15,000.

• He's backed by a bulletproof cow family that consistently provides fertility and quality. His dam and granddam are easy-fleshing matrons with a record of progeny performance and longevity.



EPDs as of 08/15/2019

| | Production | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|-----|------------|-----|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 10 | 1.0 | 69 | 119 | 0.7 | 0.95 | 16 | 0.54 | 0.53 | 13.6 | 14 | 27 | 59 | 0.8 | -19 | 60 | 0.71 | 0.75 | -0.005 | 77 | 169 | 285 |
| ACC | .41 | .67 | .54 | .46 | .47 | .41 | .35 | .26 | .26 | .25 | .32 | .32 | .39 | .41 | | .44 | .40 | .40 | .38 | | | |
| % | 2 | | 15 | 15 | 25 | | | | | 20 | 5 | | 20 | 10 | | 10 | 25 | 15 | | 10 | 10 | 5 |

AAA 19257149

EMERALD

Connealy Emerald

551AN01573



— Connealy Confidence 0100
Connealy Confidence Plus
— Elbanna of Conanga 1209
— Connealy Armory
Jace of Conanga 6571
— Jazzy of Conanga 4660 860C

Tattoo: 848X YW: 1241 lbs
DOB: 1/6/2018 YSC: 36.5 cm
BW: 72 lbs YF: 5.8
WW: 687 lbs

From: Connealy, NE; Hinman, MT; Maplecrest, OH, WayView, OH and DalPorto, CA

• Emerald is the top selling bull from the 2019 Connealy Spring Bull Sale where he was admired for his soundness, body mass and performance, combined with a 143 IMF ratio and a 117 RE ratio. He is exactly what Angus breeders are seeking right now, multi-trait balance with strong maternal and phenotypic quality.

• His powerful dam, a maternal sister to Connealy Intrinsic, is a perfect-uddered, ultra-stylish female that was selected as the "Pick of the Dams" from the Connealy Sale.



EPDs as of 08/15/2019

| | Production | | | | | | | | | Maternal | | | | | Carcass | | | | \$ Value | | | |
|-----|------------|------|-----|-----|-----|------|-----|------|-------|----------|-----|------|-----|-----|---------|-----|------|------|----------|-----|-----|-----|
| | CED | BW | WW | YW | YH | SC | DOC | Claw | Angle | HP | CEM | Milk | MW | MH | SEN | CW | Marb | RE | FAT | \$W | \$B | \$C |
| EPD | 11 | -0.1 | 73 | 136 | 0.6 | 0.90 | 32 | 0.42 | 0.45 | 13.0 | 10 | 21 | 72 | 0.6 | -22 | 48 | 0.79 | 1.20 | -0.041 | 72 | 165 | 287 |
| ACC | .38 | .54 | .47 | .43 | .47 | .49 | .36 | .32 | .32 | .26 | .31 | .31 | .35 | .38 | | .42 | .38 | .38 | .36 | | | |
| % | 15 | 20 | 5 | 5 | | | 2 | 15 | 20 | 25 | | | 10 | 25 | | 20 | 1 | 4 | 15 | 10 | 4 | |

Sexed **ULTRA 4M**

RED ANGUS *Sires*

RAAA 1704763
WIDELOAD

551AR01515
Pelton Wideload 78B

Sexed**ULTRA4M**



Tattoo: 78B
DOB: 2/20/2014
BW: 85 lbs
WW: 711 lbs
YW: 1201 lbs
YSC: 37.0 cm
YF: 5.8



- Wideload's popularity is sweeping the breed as one of the unique sires for body mass, substance and style. His semen quality is outstanding and he works well in both conventional and SexedULTRA 4M™!
- Use Wideload for broody, feminine replacement heifers that stand out for fleshing ability, soundness and quiet demeanor.

— UBAR High Capacity 224
SLGN Wideload 920W
— Meado-West Persuasion
— NEO-SHO Direct Ticket M517
Pelton Miss Jayla 0508S
— Peltons Miss Cory 5037N

From: Pelton Red Angus, KS and
Luddington Cattle, OK



Daughter: Shady Brook Ranch E102

EPDs as of 08/15/2019

| | HB | GM | CED | BW | WW | YW | Milk | ME | HPG | CEM | STAY | MARB | YG | CW | REA | FAT |
|-----|-----|----|-----|-----|-----|-----|------|-----|-----|-----|------|------|-----|-----|-----|-----|
| EPD | 164 | 50 | 7 | -.5 | 58 | 95 | 23 | 4 | 11 | 3 | 17 | 0.74 | .08 | 16 | .13 | .04 |
| ACC | | | .49 | .62 | .57 | .56 | .46 | .13 | .25 | .26 | .25 | .37 | .35 | .47 | .44 | .32 |
| % | | | | | | | | | | | | 10 | | | | |

RAAA 4098772
DOMINION

551AR01576
Red U2 Dominion

Sexed**ULTRA4M**



Tattoo: 284F
DOB: 1/23/2018
BW: 76 lbs
WW: 858 lbs
YW: 1337 lbs
YSC: 38.0 cm
YF: 6.2



- Red U2 Dominion offers an outcross pedigree, maternal value and an incredible phenotype. Stout from all angles, Dominion has a near perfect foot design, is easy fleshing and backed by generations of great cows.
- Backed by a maternal legend, she possess the ideal stature and elite udder quality every cattleman strives for. Dominion's dam is derived from a notable cow family known for fertility and calf performance.

— Red U6 Hesston 14Z
Red Howe Hesston 212C
— Red Howe Ms Arab 170X
— Red Howe Magnum 169W
Red U2 Hidee Ho 459D
— Red U-2 Hidee Ho 281Y

From: U-2 Ranch, Canada and
Lazy 3 Cattle Co., TX



DOMINION

EPDs as of 08/15/2019

| | HB | GM | CED | BW | WW | YW | Milk | ME | HPG | CEM | STAY | MARB | YG | CW | REA | FAT |
|-----|-----|----|-----|-----|-----|-----|------|-----|-----|-----|------|------|-------|-----|------|------|
| EPD | 168 | 51 | 12 | 0.7 | 55 | 90 | 33 | -12 | 3 | 8 | 15 | 0.29 | -0.01 | 16 | 0.26 | 0.02 |
| ACC | | | .33 | .40 | .39 | .39 | .36 | .00 | .21 | .17 | .18 | .30 | .28 | .34 | .34 | .28 |
| % | | 11 | | | | | 1 | | | | | | 10 | | 10 | 25 |

AHA 43834732
MANDATE

Heterozygous Polled

551HP01613
/S Mandate 66589 ET



Sexed **ULTRA4M**



Tattoo: 66589
DOB: 8/31/2016
BW: 73 lbs
WW: 606 lbs
YW: 1115 lbs
YSC: 41.0 cm
YF: 6.0

- Sam Shaw says Mandate is "the best bull we've ever produced." He stems from a very productive cow family and an 8 year old dam with impeccable udder quality who records four natural calves at 98 for BW and 117 for WW and has 25 progeny that ratio 106 for IMF.
- Not only does he offer ideal pigment and color, but this big bodied tank builds his mass and volume on excellent feet and bone. Mandate promises to be a calving-ease specialist and ranks in the top 10% of the breed for 9 different traits.

— Hyalite On Target 936
R Leader **6964**
— R Miss Revolution 1009
— SHF Rib Eye M326 R117
/S Lady Domino 0158X
— /S Lady Domino 652S

From: Shaw Cattle Company, ID



Dam: /S Lady Domino 0158X

EPDs as of 08/15/2019

| | CE | BW | WW | YW | DMI | SC | SCF | MILK | M&G | MCE | MCW | UDDER | TEAT | CW | FAT | REA | MARB | BMI | BII | CHB |
|-----|------|------|-----|-----|-----|-----|------|------|-----|-----|-----|-------|------|-----|------|-----|------|-----|-----|-----|
| EPD | 16.4 | -1.7 | 66 | 100 | 0.7 | 1.9 | 19.1 | 24 | 58 | 9.7 | 120 | 1.40 | 1.30 | 85 | .048 | .41 | .27 | 407 | 503 | 116 |
| ACC | .46 | .71 | .55 | .51 | .17 | .36 | .17 | .22 | | .24 | .32 | .46 | .44 | .25 | .29 | .25 | .26 | | | |
| % | 1 | 5 | 5 | 10 | | 1 | 15 | | 15 | 1 | | 5 | 20 | 5 | | | 10 | 10 | 5 | 10 |

AHA 43892306
PERFECTO

Homozygous Polled

551HP01618
BG LCC 11B Perfecto 84F



Sexed **ULTRA4M**

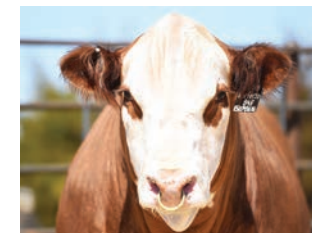


Tattoo: 84F
DOB: 2/8/2018
BW: 89 lbs
WW: 830 lbs
YW: 1330 lbs
YSC: 42.0 cm
YF: 6.1

- Perfecto fits many parameters with progressive data, superb phenotype and outstanding structure. His dark cherry color, red eyes, short markings and exceptional scrotal circumference meet all of the cosmetic demands of a progressive breeder.
- His dark cherry color, red eyes, short markings and exceptional scrotal circumference meet all of the cosmetic demands of a progressive breeder.

— NJW 98S R117 Ribeye 88X ET
LCX Perfecto 11B ET
— WLL Zoey 3Z
— NJW 73S M326 Trust 100W ET
BG 100W Nicky 31C
— BG Ms Domino 90Z

From: Lowderman Cattle Company, IL
and Geohring Herefords, IA



PERFECTO

EPDs as of 08/15/2019

| | CE | BW | WW | YW | DMI | SC | SCF | MILK | M&G | MCE | MCW | UDDER | TEAT | CW | FAT | REA | MARB | BMI | BII | CHB |
|-----|-----|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-------|------|-----|------|-----|------|-----|-----|-----|
| EPD | 6.8 | 1.5 | 75 | 115 | 0.9 | 1.2 | 19.9 | 36 | 74 | 4.8 | 99 | 1.30 | 1.30 | 80 | .048 | .90 | .04 | 410 | 497 | 109 |
| ACC | .34 | .48 | .41 | .42 | .14 | .30 | .10 | .14 | | .12 | .29 | .35 | .35 | .19 | .22 | .20 | .19 | | | |
| % | 15 | 25 | 1 | 1 | | 15 | 15 | 1 | 1 | 15 | | 20 | 20 | 5 | | 1 | | 10 | 10 | 20 |

SIMMENTAL *Sires*

ASA 2993610
ORACLE

Homozygous Black, Homozygous Polled,
Purebred

551SM09032
HILB Oracle C033R

Sexed**ULTRA4M**



Tattoo: C033R
DOB: 2/5/2015
BW: 82 lbs
WW: 845 lbs
YW: 1320 lbs
YSC: 39.2 cm
YF: 6.0



- Oracle is a proven sire of major show winners, including the 2018 North American International Livestock Exposition and the 2019 National Western Stock Show Grand Champion Bull.
- He consistently stamps cattle with extra extension and body in a flawless design profile that captivates judges.

— Heads Up 20X ET
LLSF Uprising Z925
— LLSF Untouchable U925
— SS Goldmine L42
SS Babys Breath P035
— SVF Breath Taker J130

From: Hilbrands Cattle Co., MN and
Badger Creek Cattle Co., KS



Oracle Daughter

EPDs as of 08/15/2019

| | CE | BW | WW | YW | MCE | MILK | MWW | STAY | DOC | CW | YG | MARB | BF | REA | SHEAR | API | TI |
|-----|------|-----|-----|-----|-----|------|-----|------|------|------|-----|------|--------|-----|-------|-------|------|
| EPD | 10.6 | 1.1 | 64 | 89 | 5.8 | 25 | 57 | 16 | 17.3 | 12.7 | -64 | -.01 | -0.157 | .82 | -0.30 | 121.2 | 68.0 |
| ACC | .47 | .59 | .53 | .53 | .32 | .47 | .47 | .27 | .38 | .51 | .38 | .39 | .35 | .49 | .22 | | |
| % | | | | | | 20 | | | 1 | | 1 | | 1 | | | | |

ASA 3317371
EPIC

Homozygous Black, Homozygous Polled,
Purebred

551SM09030
OMF Epic E27

Sexed**ULTRA4M**



Tattoo: E27
DOB: 2/9/2017
BW: 89 lbs
WW: 843 lbs
YW: 1365 lbs
YSC: 37.2 cm
YF: 6.1



- As the lead bull from the 2018 Champion Denver pen from Oak Meadow Farms, Epic caught the attention of many breeders for his powerful hip design, superb structure and stunning profile.
- Epic brings an outcross pedigree that excels for calving ease with growth and elite projections for API and TI. He does many things well. You might want to be in on the front end of this bull's career.

— WS Beef King W107
WS All-Around Z35
— CDI Ms High Roller 39W
— OMF Commander Y69
OMF Time Less B100
— OMF Timeless Z21

From: Oak Meadow Farm, MN; Little Shasta
Ranch, CA and Schooley Cattle, IA

**OUTCROSS PEDIGREE
WITH CALVING EASE**

EPDs as of 08/15/2019

| | CE | BW | WW | YW | MCE | MILK | MWW | STAY | DOC | CW | YG | MARB | BF | REA | SHEAR | API | TI |
|-----|------|------|-----|-----|-----|------|-----|------|------|------|------|------|-------|-----|-------|-------|------|
| EPD | 17.1 | -2.1 | 73 | 105 | 9.1 | 17 | 53 | 17 | 14.7 | 35.9 | -.30 | .15 | -.075 | .70 | -0.39 | 147.3 | 79.6 |
| ACC | .53 | .61 | .50 | .50 | .30 | .44 | .46 | .28 | .33 | .46 | .37 | .39 | .39 | .45 | .18 | | |
| % | 2 | 2 | | | 4 | | | | 10 | 20 | | 20 | | | 25 | 5 | 10 |

CHAROLAIS *Sires*

AICA M846721
RESOURCE

Homozygous Polled

551CH01506
CCC WC Resource 417 P



Sexed **ULTRA4M**



Tattoo: 417
DOB: 2/17/2014
BW: 71 lbs
WW: 923 lbs
YW: 1306 lbs
YSC: 37.5 cm
YF: 6.0

- The Resource progeny are elevating him as one of the breed's best for visual appeal and quality. He sired the Grand Champion Female at the 2018 Charolais Junior National and a record setting son in Wright's 2018 Bull Sale. Resource was a member of the 2015 Champion Pen of Three in Denver.
- Don't forget his genetic profile! Resource excels in so many aspects for commercial and registered herds and is out of a beautiful, productive Blue Value daughter.

— LT Rio Bravo 3181 P
LT Rushmore 8060 PLD
— LT Branda's Ease 3055 PLD
— LT Blue Value 7903 ET
WC CCC Blue Girl 1528 P
— CCC Bad Girlfriend U146 P ET

From: Wright Charolais, MO; Cody Cattle Company, KS and Resource Investors



Daughter: J&J Angelina 660

EPDs as of 08/15/2019

| | CE | BW | WW | YW | MILK | MCE | MTL | SC | CW | REA | FAT | MARB | TSI |
|-----|-----|-----|-----|-----|------|-----|-----|-----|-----|-----|------|------|-------|
| EPD | 5.7 | -.3 | 43 | 62 | 21 | 4.1 | 42 | 0.9 | 27 | .96 | .045 | .21 | 205.1 |
| ACC | .74 | .89 | .82 | .75 | .33 | .37 | .49 | .54 | .33 | .31 | .28 | .25 | |
| % | | | 15 | | 4 | | 1 | | 15 | 6 | | 20 | |

AICA M852822
PATRIOT

Homozygous Polled

551CH01508
LT Patriot 4004 PLD



Sexed **ULTRA4M**



Tattoo: 4004
DOB: 2/10/2014
BW: 86 lbs
WW: 886 lbs
YW: 1451 lbs
YSC: 38.5 cm
YF: 6.1

- Brent Thiel describes Patriot as one of the top few bulls ever produced at LT Ranch. His progeny enjoy widespread market appeal and the daughters are becoming a highlight of the LT herd as they move into production.
- Seven heifers sired by Patriot recently averaged \$3,014 in the Satterfield Production Sale. The cattle have superior disposition and structure with added scrotal on his sons.

— LT Bluegrass 4017 P
LT Ledger 0332 P
— LT Brenda 6120 PLD
— LK Distant Rio 900
LK Miss Rio 2119
— LK Miss Silver T 059

From: Lindskov-Thiel Ranch, SD; Satterfield Charolais, AR and the Patriot Group



Son: LT Atlas 8076 PLD

EPDs as of 08/15/2019

| | CE | BW | WW | YW | MILK | MCE | MTL | SC | CW | REA | FAT | MARB | TSI |
|-----|-----|-----|-----|-----|------|------|-----|-----|-----|-----|------|------|-------|
| EPD | 1.2 | .1 | 43 | 85 | 9 | -0.4 | 30 | 1.2 | 35 | .63 | .050 | .06 | 226.0 |
| ACC | .73 | .90 | .84 | .80 | .42 | .48 | | .64 | .34 | .33 | .30 | .28 | |
| % | | | 15 | 6 | | | | 20 | 4 | | | | 9 |

ABBA 925514
KALLION 1352

551BR01906
Mr Kallion 1352

Sexed**ULTRA4M**

Tattoo: 1352
DOB: 3/20/2012
BW: 72 lbs
YSC: 34.0 cm



- Kallion 1352 was named the #6 of 2018 and #11 for 2014 - 2018 as an Influential Gray Herd Sire with the American Brahman Breeders Association. 1352's calves are deep bodied, heavy boned, extremely fertile, and with exceptional disposition.
- 1352 is a great calving ease option, with 124 purebred calves averaging 66 pounds at birth. Recommended for heifers and crossbreeding.

— (+)JDH Karu Manso 800
Mr Mendel De Kallion 436 (ET)
— JDH Lady Risch Manso
— Mr Mendel De Kallion 732
Miss Kallion 1731
— Miss Algodon Manso 204

From: Kallion Farms, TX



Kallion 1352 Daughter

EPDs as of 08/15/2019

| | BW | WW | YW | MILK | SC | CW | MARB | REA | FAT | TEND | RP | DOC | CED | CEM | FS | \$BULL | QUEEN |
|-----|-----|-----|------|------|-----|-----|------|-----|-----|-------|------|------|------|------|-----|--------|-------|
| EPD | -.8 | .39 | 19.4 | 5.4 | .20 | 35 | 3.13 | .33 | .02 | -0.01 | 0.09 | 1.01 | 4.67 | -.33 | .12 | 77.81 | 50.20 |
| ACC | .75 | .50 | .26 | .12 | .03 | .11 | .08 | .11 | .10 | .03 | .04 | .15 | .50 | .13 | .31 | | |
| % | 10 | | | | 5 | 10 | 10 | | | | | | 5 | | | | |

ABBA 902091
BOGOTA

203BR01371
Mr. H Bogota Manso 253/1

Sexed**ULTRA4M**



Tattoo: 253/1
DOB: 2/23/2011
BW: 84 lbs
WW: 630 lbs



- The #2 Gray Bull in 2017 and #3 in 2018 for registered progeny in the United States, Bogota is one of our most popular and talked about sires!
- He is drawing high praise for his thick, attractive calves who later turn into beautifully uddered females. Bogota is noted for his muscle, volume and bone. Feet and legs are a strong point in his progeny.

— +JDH Mr. Manso 360/1
+Mr H Maddox Manso 684
— +Lady Heritage Manso 173
— SRS Mr. Ranchero 666
+SRS Miss Rancher 770
— SRS Miss Rex 520

From: STgenetics, TX



Daughter: Lady H Kay Manso 107/7

EPDs as of 08/15/2019

| | BW | WW | YW | MILK | SC | CW | MARB | REA | FAT | TEND | RP | DOC | CED | CEM | FS | \$BULL | QUEEN |
|-----|-----|-----|------|------|-----|-----|------|-----|-----|------|-------|-------|-------|-------|-----|--------|-------|
| EPD | 3.1 | 19 | 29.1 | 7.8 | .06 | .26 | 1.64 | .37 | .01 | .03 | -0.10 | -1.79 | -1.28 | -1.66 | .11 | 40.02 | 11.11 |
| ACC | .81 | .72 | .47 | .12 | .01 | .18 | .11 | .17 | .15 | .03 | .03 | .21 | .60 | .14 | .32 | | |
| % | | | | 20 | 20 | | 20 | | | | | | | | | | |

CLUB CALF *Sires*

FUR TRADER

THC/PHAF/DSF

Fur Trader

551XB02000



Business Done Right
In God We Trust
419 Heatwave
Man Among Boys
Roxi
Beat The Heat

DOB: 3/18/2018
BW: 88 lbs

From: Roberts Cattle, MT;
Heffner Cattle, OR
and Rod Bernhardt, CO

- Not only is Fur Trader ideal off both ends of his skeleton, but the added thickness and hair that he possess gives him an elite look. A standout since birth, it's tough to build them with this much power, structural integrity and honest hip shape.

- Fur Trader is extremely fertile, freezing high quality semen at less than a year of age. Fur Trader's dam, Roxi, is a big hipped, stout, youthful cow that is gaining popularity. Fur Trader is backed by an incredible stack of maternal-based cows.

Sexed **ULTRA4M**



FUR TRADER

X FACTOR

THC/PHAF/DSF

X FACTOR

551XB02001



Heatwave
Monopoly
WTF Ruth Medina
Jolt
CWC Countess G80
Cunia

DOB: 3/18/2018
BW: 88 lbs

From: Curtis Wiedel, NE
and Alan McDaniel, IA

- Whether you are raising superior show steers or high performing females, X Factor can be used to produce quality cattle in any herd. A unique Monopoly son that exemplifies an elite show ring look and club calf hair, while carrying it in a powerful and functional package.

- His dam has raised countless successful progeny including the 2016 Wyoming State Fair Grand Champion Steer, a high performing sire for Kris Black, followed by X Factor's full sib who has achieved multiple Top 5 Championship titles.



X FACTOR

MAINE-ANJOU *Sires*

AMAA 492627

GAME CHANGER

THF/PHAF

BOE Game Changer ET

551MA01301



BPF Mercedes Benz 131U
BBR Rumor Mill
CGMC Sedgwicks Erica 5T
GVC SUH 01W
BOE Miss Jolene
BOE Kelsey

Tattoo: BOE806F
DOB: 3/6/2018
BW: 92 lbs

From: Beauprez Land & Cattle, CO;
G&G Show Cattle, TX; MTJF Ranch, TX;
L&K Livestock, LA and Blount Farms, TX

- Game Changer has the genuine quality and power necessary to become a mainstay in the show cattle industry. As a 3/4 Maine, backed by the famous BOE Miss Jolene donor, use him to create beautiful, high quality Maine show heifers or males to create massive, dense bodied steers.

- Game Changer's blend of structural integrity, straight lines, bona fide muscle and stifle is hard to rival. He has the elite club calf style and shag to work in any market, along with the color and power to produce calves that stand out in the slick show ring.


EPDs as of 8/15/2019

| | CE | BW | WW | YW | MILK | TM | CEM | YG | CW | REA | MB | FT |
|-----|-----|-----|-----|-----|------|----|-----|-------|-----|-----|-----|-------|
| EPD | 5 | 3.2 | 34 | 47 | 20 | 37 | -5 | -0.12 | 1 | .17 | .23 | -0.02 |
| ACC | .01 | .01 | .01 | .01 | .01 | | .01 | .05 | .14 | .03 | .03 | .04 |
| % | | | | | 25 | | | | | | 15 | |



BRAHMAN *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | BW | WW | YW | MILK | SC | CW | MARB | REA | FAT | Tend | RP | Docility | CED | CEM | FS | \$BULL | QUEEN |
|---------|---|-------|------|------|------|------|-------|----|-------|------|------|-------|-------|----------|-------|-------|------|--------|-------|
| 842945 | +JDH Sir Jerome Manso 224/4 | Sexed | 0.6 | 19.4 | 22.6 | 6.4 | -0.40 | 23 | -2.71 | 0.49 | 0.01 | 0.04 | 0.17 | 0.15 | 2.09 | -0.14 | 0.00 | 41.29 | -5.33 |
| 858209 | Mr J&M New York 825 | | 3.6 | 32.1 | 55.6 | 6.8 | 0.37 | 53 | 9.88 | 0.47 | 0.03 | 0.01 | 0.00 | -1.43 | -1.51 | -1.83 | 0.31 | 100.71 | 57.71 |
| 878572 | #LDGT JDH Norteno T.E. | | 1.2 | 14.0 | 20.5 | 7.7 | -0.06 | 19 | -0.47 | 0.29 | 0.01 | 0.05 | 0.08 | 0.00 | 1.54 | 0.54 | 0.23 | 35.04 | 6.22 |
| 855428 | JDH Sir Garlan Manso 487/7 | | 1.1 | 17.4 | 32.1 | 10.6 | -0.19 | 50 | 5.31 | 0.38 | 0.04 | 0.11 | 0.05 | -0.56 | 2.14 | 0.63 | 0.09 | 96.58 | 21.33 |
| 902091 | Mr. H Bogota Manso 253/1 | Sexed | 3.1 | 19.0 | 29.1 | 7.8 | 0.06 | 26 | 1.64 | 0.37 | 0.01 | 0.03 | -0.10 | -1.79 | -1.28 | 1.66 | 0.11 | 40.02 | 11.11 |
| 904806 | Mr. Karu Manso 800 | Sexed | 3.3 | 30.4 | 45.6 | 6.5 | -0.02 | 43 | 9.74 | 0.50 | 0.02 | -0.04 | 0.15 | -1.08 | 0.74 | 0.19 | 0.29 | 89.46 | 40.54 |
| 945401 | Mr SNS Omaha 273/6  | Sexed | 4.4 | 34.7 | 53.7 | 9.1 | 0.20 | 53 | 8.70 | 0.58 | 0.02 | -0.01 | 0.00 | -1.12 | -2.67 | -0.43 | 0.14 | 99.51 | 52.06 |
| 925514 | Mr Kallion 1352 | Sexed | -0.8 | 3.9 | 19.4 | 5.4 | 0.20 | 35 | 3.13 | 0.33 | 0.02 | -0.01 | 0.09 | 1.01 | 4.67 | -0.33 | 0.12 | 77.81 | 50.20 |
| 896343 | JDH King of Clubs Manso | Sexed | -1.0 | 13.2 | 16.9 | 11.4 | -0.29 | 23 | -4.11 | 0.30 | 0.01 | 0.08 | 0.10 | 1.33 | 5.92 | 0.70 | 0.03 | 47.90 | 3.46 |


RED BRAHMAN *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | BW | WW | YW | MILK | SC | CW | MARB | REA | FAT | Tend | RP | Docility | CED | CEM | FS | \$BULL | QUEEN |
|---------|--|-------|------|------|------|------|-------|-----|-------|-------|------|------|-------|----------|-------|-------|------|--------|--------|
| 895378 | 3X-HK Red River (S)  | Sexed | 1.5 | 12.3 | 29.2 | 7.8 | -0.10 | 3 | -2.35 | 0.00 | 0.01 | 0.20 | 0.01 | 1.96 | 0.84 | 0.70 | 0.32 | 7.93 | -10.35 |
| 832160 | +Mr Winchester Magnum 999/3 | | 4.1 | 22.1 | 39.1 | 7.8 | -0.02 | 5 | 4.63 | -0.06 | 0.01 | 0.24 | -0.02 | -2.83 | -4.33 | -1.52 | 0.27 | -3.84 | -24.60 |
| 886730 | 3X-HK Arquitecto | Sexed | 2.0 | 7.5 | 23.3 | 6.0 | -0.11 | -2 | -1.70 | -0.04 | 0.01 | 0.23 | 0.00 | 1.81 | -0.83 | 0.70 | 0.33 | -2.16 | -17.35 |
| 893875 | 3X-HK 960 | Sexed | 0.6 | 4.7 | 17.0 | 7.3 | -0.11 | -3 | -0.92 | -0.07 | 0.02 | 0.22 | 0.00 | 2.01 | 1.61 | -0.07 | 0.34 | 1.00 | -15.25 |
| 922767 | HK-3X Blueprint 998 | Sexed | 1.6 | 15.0 | 31.1 | 5.9 | -0.10 | -2 | -1.72 | -0.02 | 0.01 | 0.23 | 0.04 | 1.45 | 0.17 | 0.41 | 0.33 | -1.74 | -16.59 |
| 895379 | 3X-HK Mr. 966 | Sexed | 1.7 | 0.2 | 5.0 | 7.7 | -0.11 | -16 | -1.34 | -0.15 | 0.01 | 0.21 | 0.01 | 1.85 | 0.47 | 0.32 | 0.33 | -25.74 | -31.23 |
| 905592 | +Mr. SG 111/1 | Sexed | 1.1 | 20.8 | 33.0 | 6.6 | 0.21 | 17 | 4.03 | 0.29 | 0.02 | 0.13 | 0.09 | 0.67 | 1.30 | 0.04 | 0.26 | 40.43 | 21.11 |
| 916699 | HK Visa Volunteer 244 | Sexed | -1.5 | 4.7 | 12.8 | 8.3 | -0.13 | -2 | 4.15 | 0.09 | 0.03 | 0.16 | 0.04 | 1.59 | 4.70 | 0.10 | 0.32 | 14.77 | -11.19 |
| 921788 | HK Mr. America 280  | Sexed | 5.2 | 38.5 | 57.2 | 6.9 | -0.02 | 1 | -1.30 | 0.02 | 0.00 | 0.17 | 0.04 | 0.21 | -5.15 | -0.66 | 0.30 | -9.34 | -17.99 |
| 946545 | HK X-Ray  | Sexed | 3.1 | 20.8 | 37.1 | 5.9 | -0.12 | 4 | 0.52 | 0.14 | 0.02 | 0.08 | 0.00 | 1.79 | -1.74 | 0.73 | 0.30 | 11.65 | -12.51 |



BRANGUS *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CED | BW | WW | YW | MILK | TM | CEM | SC | REA | IMF | FAT |
|-----------|--|-------|------|------|------|------|------|------|-----|-----|------|------|-------|
| R10203255 | MC Something Special 889Y2 | Sexed | 6.00 | -0.1 | 31.0 | 75.0 | 15.0 | 31.0 | 3.0 | 0.6 | 0.70 | 0.21 | -0.01 |
| R10187033 | Farris Czonka 401X | Sexed | 7.00 | 0.6 | 24.0 | 49.0 | 10.0 | 21.0 | 4.0 | 0.6 | 0.54 | 0.38 | -0.06 |
| R10367402 | T3 Broadway 30E  | | 4.00 | 1.1 | 35.0 | 66.0 | 6.0 | 23.0 | 4.0 | 0.7 | 0.58 | 0.34 | -0.05 |



HORNED HEREFORD *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CE | BW | WW | YW | DMI | SC | SCF | MILK | M&G | MCE | MCW | UDDER | TEAT | CW | FAT | REA | MARB | BMI | BII | CHB |
|----------|---|-------|------|-----|----|-----|-----|------|------|------|-----|------|-----|-------|------|----|-------|------|------|-----|-----|-----|
| 43606248 | JCS 240 Flintlock 5815 | | -6.3 | 3.4 | 62 | 105 | 0.5 | 1.50 | 18.4 | 28 | 58 | -0.4 | 82 | 1.20 | 1.20 | 64 | 0.002 | 0.27 | 0.16 | 373 | 456 | 98 |
| 43802046 | Churchill Nightcap 7256E  | Sexed | 10.5 | 0.9 | 46 | 92 | 0.3 | 1.10 | 9.1 | 28 | 51 | 10.9 | 58 | 1.40 | 1.20 | 78 | 0.008 | 0.71 | 0.41 | 274 | 349 | 130 |
| 43720817 | H FHF Advance 628 ET  | Sexed | 6.1 | 2.5 | 68 | 105 | 0.9 | 0.70 | 14.6 | 21 | 54 | 2.6 | 137 | 1.30 | 1.30 | 98 | 0.048 | 0.74 | 0.26 | 356 | 448 | 129 |






POLLED HEREFORD *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CE | BW | WW | YW | DMI | SC | SCF | MILK | M&G | MCE | MCW | UDDER | TEAT | CW | FAT | REA | MARB | BMI | BII | CHB |
|----------|--|-------|------|------|----|-----|-----|-----|------|------|-----|------|-----|-------|------|----|--------|------|------|-----|-----|-----|
| 43601153 | KCF Bennett Homeland C34 | Sexed | 1.1 | 4.3 | 72 | 117 | 1.0 | 1.3 | 18.8 | 31 | 67 | -2.8 | 122 | 1.60 | 1.60 | 86 | 0.028 | 0.54 | 0.17 | 398 | 491 | 115 |
| 43639075 | Gerber Canaan 041C | | -0.2 | 4.4 | 69 | 116 | 0.6 | 1.2 | 21.9 | 19 | 54 | 2.4 | 113 | 1.20 | 1.20 | 97 | -0.012 | 0.96 | 0.55 | 498 | 613 | 152 |
| 43623019 | PCR 3X Chief 507C | | 11.5 | -2.0 | 59 | 90 | 0.3 | 1.1 | 16.6 | 29 | 59 | 8.0 | 95 | 1.30 | 1.30 | 65 | 0.038 | 0.47 | 0.15 | 354 | 432 | 99 |
| 43541960 | Innisfail WHR X651/723 4013 ET | Sexed | 2.0 | 3.1 | 75 | 119 | 0.4 | 1.4 | 17.0 | 22 | 59 | 1.7 | 82 | 1.60 | 1.60 | 84 | 0.098 | 0.46 | 0.72 | 407 | 540 | 124 |
| 43834732 | /S Mandate 66589 ET  | Sexed | 16.4 | -1.7 | 66 | 100 | 0.7 | 1.9 | 19.1 | 24 | 58 | 9.7 | 120 | 1.40 | 1.30 | 85 | 0.048 | 0.41 | 0.27 | 407 | 503 | 116 |
| 43892306 | BG LCC 11B Perfecto 84F  | Sexed | 6.8 | 1.5 | 75 | 115 | 0.9 | 1.2 | 19.9 | 36 | 74 | 4.8 | 99 | 1.30 | 1.30 | 80 | 0.048 | 0.90 | 0.04 | 410 | 497 | 109 |



RED ANGUS *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | HB | GM | CED | BW | WW | YW | MILK | ME | HPG | CEM | STAY | MARB | YG | CW | REA | FAT |
|---------|---|-------|-----|----|-----|------|----|-----|------|----|-----|-----|------|------|-------|----|-------|------|
| 1692936 | BROWN CRSB Redeemed B5332 | Sexed | 182 | 50 | 16 | -5.5 | 49 | 85 | 29 | -4 | 10 | 9 | 15 | 0.64 | 0.06 | 8 | -0.05 | 0.02 |
| 3493807 | OOO Sir Loin 5122 | Sexed | 153 | 51 | 15 | -3.4 | 62 | 99 | 11 | 0 | 15 | 6 | 12 | 0.65 | 0.19 | 9 | -0.02 | 0.07 |
| 3503313 | PIE Just Right 540  | | 184 | 53 | 14 | -2.3 | 62 | 107 | 24 | -1 | 8 | 8 | 15 | 0.41 | 0.07 | 27 | 0.16 | 0.02 |
| 3503354 | PIE Up Front 508 | Sexed | 132 | 47 | 11 | 0.5 | 65 | 102 | 23 | -6 | 12 | 6 | 12 | 0.38 | 0.20 | 39 | 0.16 | 0.05 |
| 1751111 | LSF SRR Exceptional 5464C | | 166 | 50 | 15 | -3.6 | 56 | 93 | 19 | -3 | 8 | 8 | 14 | 0.82 | 0.07 | 28 | 0.22 | 0.03 |
| 3548524 | Over Draft Pick 413D | Sexed | 178 | 51 | 17 | -3.6 | 72 | 120 | 22 | -3 | 10 | 10 | 14 | 0.62 | 0.13 | 55 | 0.30 | 0.01 |
| 1704763 | Pelton Wideload 78B | Sexed | 164 | 50 | 7 | -0.5 | 58 | 95 | 23 | 4 | 11 | 3 | 17 | 0.74 | 0.08 | 16 | 0.13 | 0.04 |
| 3761665 | Bieber Brave E573  | Sexed | 185 | 53 | 14 | -1.4 | 75 | 123 | 14 | 7 | 9 | 10 | 14 | 0.55 | 0.16 | 42 | 0.20 | 0.03 |
| 1727639 | CLIN 412B of Z12 X28  | | 240 | 51 | 20 | -4.3 | 60 | 99 | 25 | 3 | 9 | 10 | 21 | 0.56 | 0.16 | 20 | -0.05 | 0.04 |
| 3955293 | STRA Relentless  | Sexed | 226 | 57 | 15 | -2.0 | 71 | 114 | 27 | 2 | 12 | 9 | 18 | 0.86 | 0.17 | 33 | 0.26 | 0.06 |
| 4098772 | Red U2 Dominion  | | 168 | 51 | 12 | 0.7 | 55 | 90 | 33 | 0 | 3 | 8 | 15 | 0.29 | -0.01 | 16 | 0.26 | 0.02 |









CHAROLAIS *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CE | BW | WW | YW | MILK | MCE | MTL | SC | CW | REA | FAT | MARB | TSI |
|---------|------------------------------|---|------|------|----|----|------|------|-----|-----|----|------|--------|------|--------|
| 883344 | WR Foreman D602 |  Sexed | 12.6 | -3.3 | 37 | 75 | 9 | 7.3 | 27 | 1.4 | 21 | 0.73 | 0.032 | 0.13 | 223.85 |
| 865273 | WC Milestone 5223 P | Sexed | -1.1 | 2.3 | 41 | 74 | 16 | 3.4 | 37 | 1.0 | 28 | 1.09 | -0.018 | 0.06 | 218.76 |
| 846721 | CCC WC Resource 417 P | Sexed | 5.7 | -0.3 | 43 | 62 | 21 | 4.1 | 42 | 0.9 | 27 | 0.96 | 0.045 | 0.21 | 205.08 |
| 852822 | LT Patriot 4004 PLD |  Sexed | 1.2 | 0.1 | 43 | 85 | 9 | -0.4 | 30 | 1.2 | 35 | 0.63 | 0.050 | 0.06 | 226.02 |

SIMMENTAL *Sires*

EPDs as of 08/15/2019

| Reg No. | Reg Name | Sexed | CE | BW | WW | YW | MCE | MILK | MWW | STAY | DOC | CW | YG | MARB | BF | REA | SHEAR | API | TI |
|---------|---------------------------------|---|------|------|------|-------|------|------|------|------|------|------|-------|-------|--------|------|-------|-------|------|
| 2984501 | CLRS Conquest 634 C | | 14.3 | -0.5 | 72.1 | 113.9 | 9.2 | 18.2 | 54.2 | 19.2 | 4.5 | 42.1 | -0.08 | 0.46 | -0.024 | 0.47 | -0.42 | 153.3 | 79.9 |
| 2854467 | Hook's Black Hawk 50B | Sexed | 17.8 | -2.4 | 82.8 | 130.4 | 10.3 | 18.2 | 59.5 | 20.1 | 13.1 | 47.6 | -0.28 | 0.20 | -0.026 | 1.16 | -0.52 | 154.4 | 83.7 |
| 2854458 | Hook's Bounty 6B | Sexed | 8.7 | 2.9 | 92.2 | 146.8 | 6.3 | 22.9 | 68.9 | 21.5 | 8.3 | 49.5 | -0.50 | 0.17 | -0.112 | 1.21 | -0.19 | 139.7 | 82.7 |
| 3012723 | GW Compass 371C |  Sexed | 15.0 | 1.6 | 83.1 | 132.6 | 7.3 | 21.4 | 62.9 | 15.4 | 15.8 | 24.1 | -0.28 | 0.44 | -0.037 | 0.79 | -0.64 | 147.8 | 85.2 |
| 3012759 | GW Freedom 392C |  Sexed | 5.4 | 3.2 | 78.3 | 128.7 | 3.9 | 29.3 | 68.4 | 18.8 | 17.3 | 34.9 | -0.27 | 0.57 | -0.065 | 0.66 | -0.55 | 145.2 | 82.9 |
| 3057267 | MG/GSC Authority W14C | Sexed | 10.9 | 1.4 | 67.4 | 101.4 | 4.1 | 17.8 | 51.5 | 16.4 | 8.2 | 34.6 | -0.36 | -0.06 | -0.074 | 0.88 | -0.40 | 120.5 | 66.7 |
| 3268058 | RFG/K-LER Elevation 727E |  Sexed | 12.7 | 0.7 | 74.7 | 114.7 | 7.3 | 24.0 | 61.3 | 19.7 | 4.6 | 17.6 | -0.45 | 0.11 | -0.096 | 0.77 | -0.29 | 143.9 | 77.7 |
| 3184424 | TFS Black Powder 6609D |  Sexed | 14.5 | -0.6 | 74.9 | 122.3 | 8.7 | 18.6 | 55.5 | 16.9 | 11.1 | 32.1 | -0.40 | 0.02 | -0.051 | 1.14 | | 128.7 | 72.2 |
| 3139298 | SFI Brigade D21 |  Sexed | 13.2 | 0.5 | 59.7 | 83.3 | 6.9 | 19.0 | 48.8 | 17.0 | 9.2 | 26.2 | -0.50 | -0.21 | -0.119 | 0.86 | -0.48 | 114.6 | 60.1 |
| 3317371 | OMF Epic E27 |  Sexed | 17.1 | -2.1 | 73.0 | 104.8 | 9.1 | 16.8 | 53.2 | 16.8 | 14.7 | 35.9 | -0.30 | 0.15 | -0.075 | 0.70 | -0.39 | 147.3 | 79.6 |
| 2882669 | CCR 707 Cowboy 6055B |  Sexed | 15.3 | 0.3 | 74.7 | 110.8 | 9.9 | 29.7 | 67.0 | 18.8 | 13.9 | 47.0 | -0.19 | 0.44 | -0.032 | 0.83 | -0.37 | 151.6 | 81.5 |
| 2993610 | HILB Oracle C033R |  Sexed | 10.6 | 1.1 | 63.9 | 88.5 | 5.8 | 25.4 | 57.3 | 15.8 | 17.3 | 12.7 | -0.64 | -0.01 | -0.157 | 0.82 | -0.30 | 121.2 | 68.0 |





FEED EFFICIENCY... *Pass it On*

IT'S THE "Must Have" TRAIT

FOR MORE INFO

GUSTAVO TORO
CELL: (832) 331-6680
OFFICE: (936) 870-3960 EXT:1502
GTORO@STGEN.COM
www.GeneticDevelopmentCenter.com

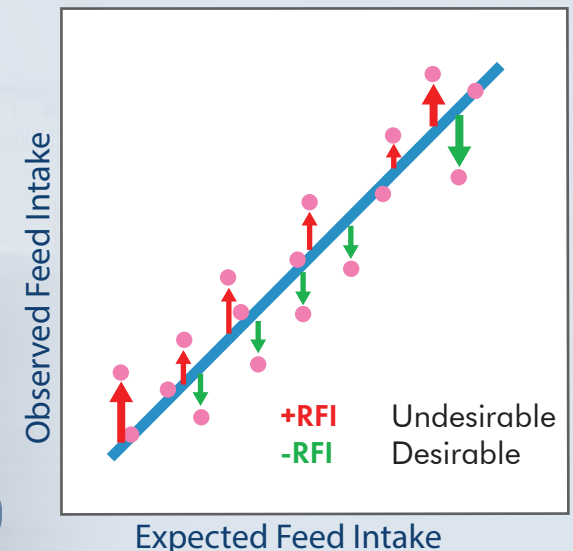
Feed is the single biggest expense in any livestock operation. As we select for animals that are more efficient, meaning animals that are able to demonstrate gains equal to their contemporaries while consuming less feed, we are not only lowering production costs but also minimizing the environmental footprint of that animal. Our goal through feed efficiency testing is to identify animals that will add more bottom line profit to our customers while at the same time reduce the impact on the environment, which is beneficial to everyone.

What is Residual Feed Intake (RFI)?

RFI is the difference between actual intake and predicted intake based on the animal's gain, body weight, and composition. Animals on test are expected to eat "x" amount of feed according to their initial weight and target gain. The more they deviate from their expected intake, the more efficient or inefficient they are.

$$RFI = (\text{Observed FI}) - (\text{Expected FI})$$

$$FI = ADG + BW^{0.75} + \text{Age} + \text{Pen} + RFI$$



CONTACT US

ABOUT OUR NEXT SCHEDULED TEST

IDENTIFY YOUR MOST FEED EFFICIENT ANIMALS THROUGH TESTING AT THE GDC

Each animal will have complete individual feed intake measurements including:

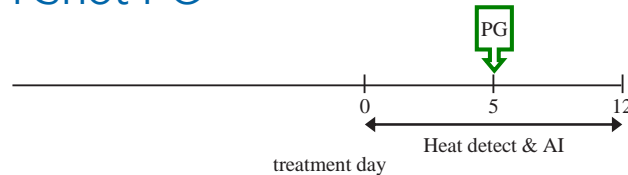
Feed Efficiency
Average Daily Gain
Temperament Scores

Breeding Soundness Exams
Carcass Ultrasound Evaluation

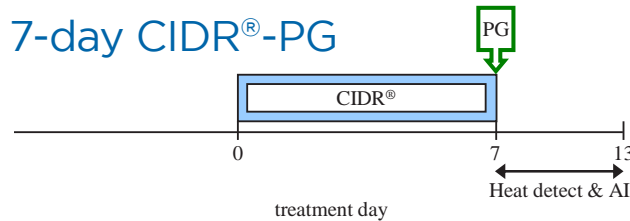
BEEF HEIFER *Protocols*

Heat Detection

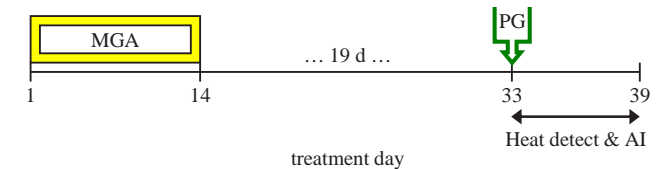
1 Shot PG



7-day CIDR®-PG



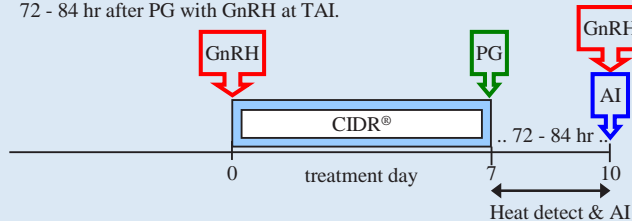
MGA®-PG



Heat Detect & Time AI (TAI)

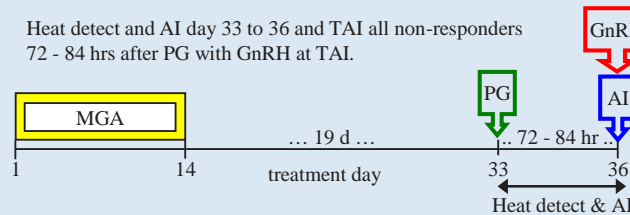
Select Synch + CIDR® & TAI

Heat detect and AI day 7 to 10 and TAI all non-responders
72 - 84 hr after PG with GnRH at TAI.



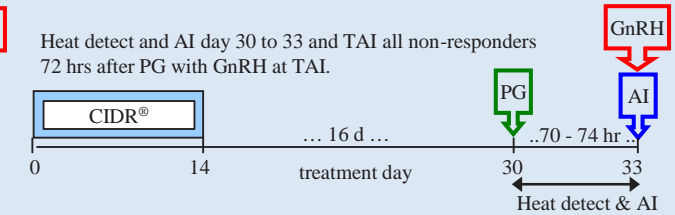
MGA®-PG & TAI

Heat detect and AI day 33 to 36 and TAI all non-responders
72 - 84 hrs after PG with GnRH at TAI.



4-day CIDR®-PG & TAI

Heat detect and AI day 30 to 33 and TAI all non-responders
72 hrs after PG with GnRH at TAI.

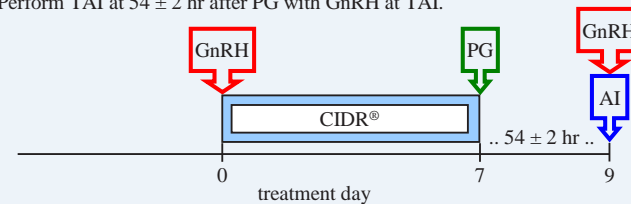


Fixed-Time AI (TAI)*

Short-term Protocols

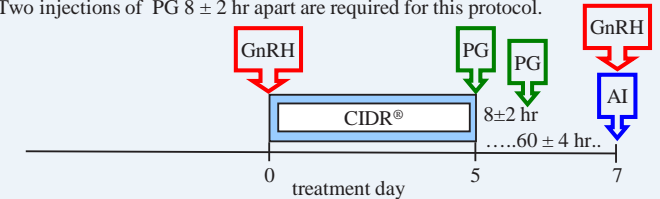
7-day CO-Synch + CIDR®

Perform TAI at 54 ± 2 hr after PG with GnRH at TAI.



5-day CO-Synch + CIDR®

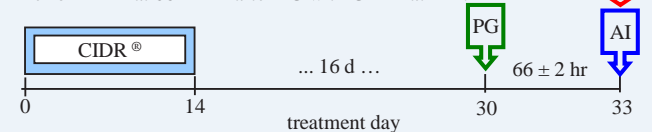
Perform TAI at 60 ± 4 hr after CIDR removal with GnRH at TAI.
Two injections of PG 8 ± 2 hr apart are required for this protocol.



Long-term Protocols

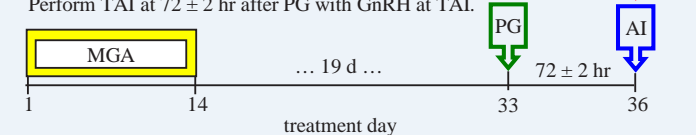
14-day CIDR®-PG

Perform TAI at 66 ± 2 hr after PG with GnRH at TAI.



MGA®-PG

Perform TAI at 72 ± 2 hr after PG with GnRH at TAI.

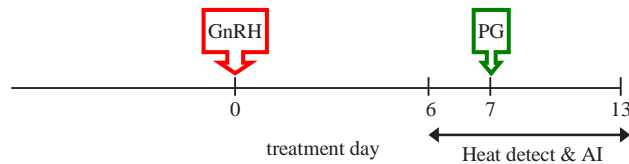


* The times listed for "Fixed-time AI" should be considered as the approximate average time of insemination. This should be based on the number of heifers to inseminate, labor, and facilities.

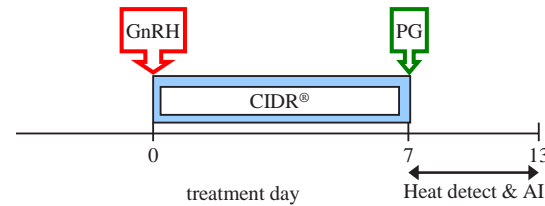
BEEF COW Protocols

Heat Detection

Select Synch

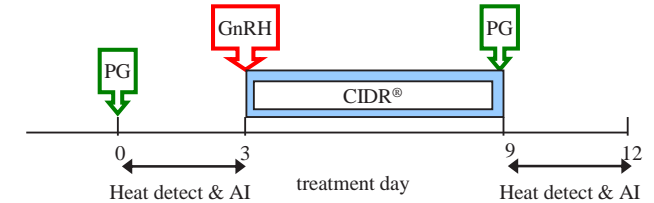


Select Synch + CIDR®



PG 6-day CIDR®

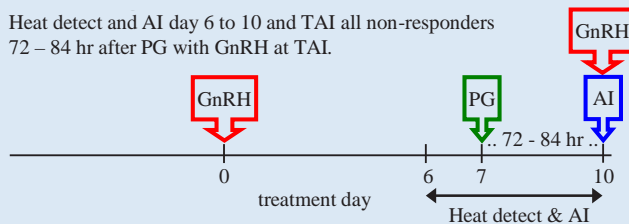
Heat detect and AI days 0 to 3. Administer CIDR to non-responders and heat detect and AI days 9 to 12. Protocol may be used in heifers.



Heat Detect & Time AI (TAI)

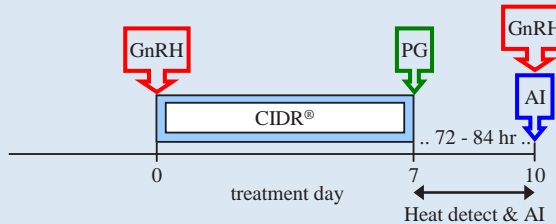
Select Synch & TAI

Heat detect and AI day 6 to 10 and TAI all non-responders 72 – 84 hr after PG with GnRH at TAI.



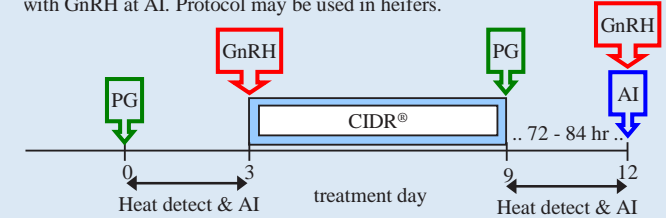
Select Synch + CIDR® & TAI

Heat detect and AI day 7 to 10 and TAI all non-responders 72 – 84 hr after PG with GnRH at TAI.



PG 6-day CIDR® & TAI

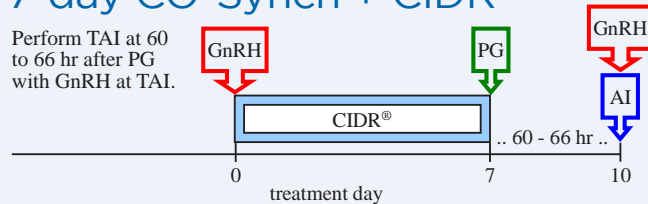
Heat detect & AI days 0 to 3. Administer CIDR to non-responders & heat detect and AI days 9 to 12. TAI non-responders 72 – 84 hr after CIDR removal with GnRH at AI. Protocol may be used in heifers.



Fixed-Time AI (TAI)*

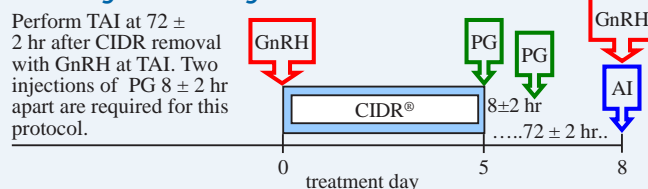
7-day CO-Synch + CIDR®

Perform TAI at 60 to 66 hr after PG with GnRH at TAI.



5-day CO-Synch + CIDR®

Perform TAI at 72 ± 2 hr after CIDR removal with GnRH at TAI. Two injections of PG 8 ± 2 hr apart are required for this protocol.

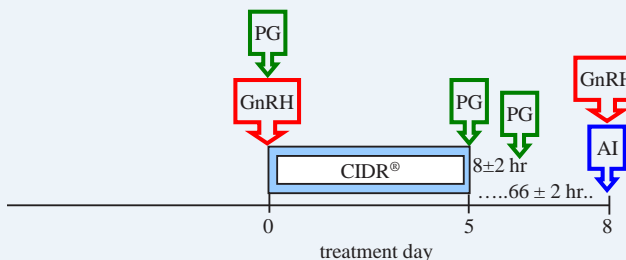


Fixed-Time AI (TAI)*

for *Bos Indicus* cows only

PG 5-day CO-Synch + CIDR®

Perform TAI at 66 ± 2 hr after CIDR removal with GnRH at TAI. Two injections of PG 8 ± 2 hr apart are required for this protocol.



* The times listed for “Fixed-time AI” should be considered as the approximate average time of insemination. This should be based on the number of heifers to inseminate, labor, and facilities.

GnRH Cystorelin®, Factrel®, Fertagyl®, OvaCyst®, GONABreed®

PG estroPLAN®, Estrumate®, In-Synch®, Lutalyse®, Lutalyse® HighCon, ProstaMate™, SYNCHSURE™

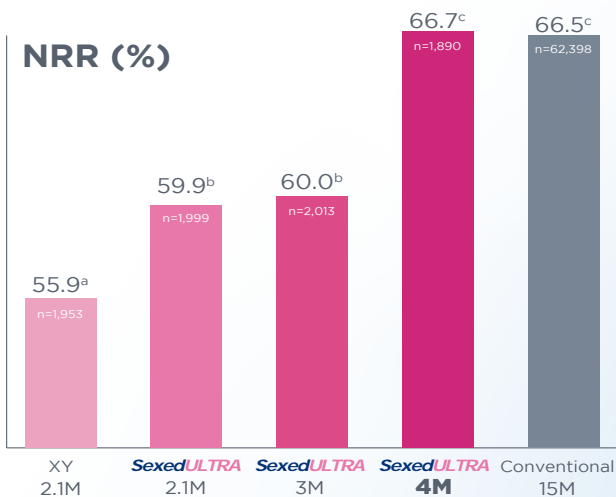
Beef Reproduction Task Force
Approved 8-15-2018

The Sexed **ULTRA 4M**[®] Difference

4 MILLION

SPERM CELLS
PER STRAW

- 90% gender accuracy
- Process removes dead cells
- Specialty media tailored for each step in the production process
- Optimization of staining method
- State of the art equipment



NRR (%) : Non-Return Rate %
Trials conducted in collaboration with GGI, Germany

THE BEST WAY TO PREDICT
THE FUTURE IS TO

Create It

WWW.STGEN.COM
866.589.1708
BEEF@STGEN.COM



Presorted
Standard
US Postage
PAID
SlateGroup

