FALL SIRE Directory

SELECT SIRES

YOUR SUCCESS Our Passion
### SELECT SIRES | ANGUS

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PAP scores available at www.selectsiresbeef.com under the resources tab

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**Available in Fall of 2019**

**Available in Canada ONLY**
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RAINFALL 6846

The next great Calving Ease and cow maker sire from Schaff Angus Valley with 285 observations for BW, RAINFALL has established himself as a proven Calving Ease sire.

RAINFALL sets himself apart with his dominating hip and rear leg structure with added muscle shape with flawless phenotype.

He consistently sires added length, soundness and unmistakable herd bull presence in his sons. His daughters are stunning in an elegant maternal package.

One of the best footed bulls in our lineup and is validated by his top ranking Claw and Angle EPDs.

RANKS in the very top of the breed for $Maternal and $Weaning while still posting Marb and REA in the top one-third of the breed.

RAINFALL brings Calving Ease, maternal strength, performance and end-product values together in a very pleasing package.

Use this bull with confidence; he puts it all together!

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

<table>
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<th>AAA EPDs as of 7/26/19</th>
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<th>Carcass</th>
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Fall 2019 Angus Breed Average EPDs:


$30
ANGUS
Our top selling bulls because he does everything well.
Ranks in the top 15 percent or better for Calving Ease, growth, Docility, Heifer Pregnancy, Marbling and REA all while adding body, fleshing ability and base width.
Use to reduce mature size without sacrificing performance.
His daughters are one of his greatest strengths with outstanding eye-appeal, doability and udders.
Few sires can match his combination of Calving Ease, performance, maternal traits and carcass merit all while improving type and longevity.

From Tehama Angus Ranch, CA; VanDerVeen Farms and Cory VanDerVeen and Midwest Genetics, KS

AAA Reg#: +17817177
Tattoo: B767
Born: 9/6/13
Birth Wt: 88 lbs | ratio 104
205 Day Adj Wt: 720 lbs | ratio 111
365 Day Adj Wt: 1334 lbs | ratio 109
Yr Scrtl Circum: 40 cm
Yr Fr Score: 5.8

SITZ UPWARD 307R
TEHAMA UPWARD Y238
TEHAMA ELITE BLACKBIRD T735
S A V FINAL ANSWER 0035
TEHAMA MARY BLACKBIRD Y684
TEHAMA MARY BLACKBIRD 073

Our top selling bulls because he does everything well.
Ranks in the top 15 percent or better for Calving Ease, growth, Docility, Heifer Pregnancy, Marbling and REA all while adding body, fleshing ability and base width.
Use to reduce mature size without sacrificing performance.
His daughters are one of his greatest strengths with outstanding eye-appeal, doability and udders.
Few sires can match his combination of Calving Ease, performance, maternal traits and carcass merit all while improving type and longevity.

AAA EPDs as of 7/26/19

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QUANTUM was generated from proven sires with high carcass accuracies – MOMENTUM with 129 carcass records, PROGRESS with 180 carcass records and PREDESTINED with 805 carcass records.

One of only two bulls in the entire Angus bull population with his combination of Carcass Weight, Marbling and REA

Described by many as one of the most impressive bulls to ever sell in Ashland, Kan.

More Angus breeders are paying attention to end-product merit than ever before – here’s a bull you should pay attention to!

One of the most heavily sampled young bulls in the breed this past year.

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

Fall 2019 Angus Breed Average EPDs:

AAA EPDs as of 7/26/19

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Fall 2019 Sire Directory

NEW

7AN560 G A R  QUANTUM  $25

G A R PROGRESS

G A R MOMENTUM

G A R BIG EYE 1770

CONNEALY IN SURE 8524

G A R IN SURE 1524

G A R COMPLETE 3011
7AN389 G A R  SURE FIRE

$25

- One of our top sellers because he covers so many bases from Calving Ease to carcass to cows.
- High for $Maternal, top 10 percent, with daughters who display superior udder quality.
- Proven for Calving Ease and Marbling – expect added market value from easily-born calves.
- His top 1 percent $Combined places SURE FIRE among the breed’s elite – you can have it all!
- Known for siring moderate framed, deep-bodied, easy fleshing progeny with an attractive look.

From Gardner Angus Ranch and Chair Rock, KS and Mayer Ranch, OK

One of our top sellers because he covers so many bases from Calving Ease to carcass to cows.
High for $Maternal, top 10 percent, with daughters who display superior udder quality.
Proven for Calving Ease and Marbling – expect added market value from easily-born calves.
His top 1 percent $Combined places SURE FIRE among the breed’s elite – you can have it all!
Known for siring moderate framed, deep-bodied, easy fleshing progeny with an attractive look.

Mytty in Focus
Connealy in Sure 8524
Entreena of Conanga 657
Chair Rock 5050 G A R 8086
Chair Rock Grid Maker 2107

Daughter, Express Ranches, OK
 Daughter, Waggoner Cattle Co., MS

Reg: +17328461
Tattoo: K62
Dob: 2/5/12

 BW: 84 lbs / ET
 WW: 716 lbs / ET
 YW: 1210 lbs / ET
 Yr. SC: 40 cm
 Yr. Frame: 6.6

AAA EPDs as of 7/26/19

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<th>U</th>
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Fall 2019 Angus Breed Average EPDs

**ACCLAIM**’s combination of Calving Ease, growth, end-product merit and mating flexibility make him a sales leader.

- An outcross to most Angus pedigrees, **ACCLAIM** is a free-moving, long-bodied, larger-framed bull that sires the same.
- He excels for Heifer Pregnancy, Docility and Maternal Calving Ease with ideal Milk.
- His dam was a crowd favorite on the Select Sires beef tour for her mass, three-dimensional type, fleshing ability and udder quality.
- Ranks high for $Combined

### AAA EPDs as of 7/26/19

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
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**Production**

- **Maternal**: HP: 10.6  CEM: 8  MILK: 25  MW: 29  MH: 3  $EN: -3.00

---

JINDRA DOUBLE VISION

JINDRA 3RD DIMENSION

CONNEALY IMPRESSION

JINDRA BLACKBIRD LASSY 1111

JINDRAS ENCHANTRESS J 102

From Jindra Angus and Macholan Angus, NE
Tried and true, this proven performance leader consistently delivers added pounds and muscle.

- **NIAGARA** daughters make good-looking, high-production, big-bodied cows.
- His pedigree of Hoover Dam and New Day 454 provides verified quality assurance.
- Use him to enhance base-width, improve feet, boost growth and improve your cow herd!

From Stewart Select Angus, IN

**Reg:** 17287387  
**Tattoo:** Z29  
**DOB:** 1/5/12

**SYDGEN C C & 7**  
**HOOVER DAM**  
**ERICA OF ELLSTON C124**  
**B/R NEW DAY 454**

**JET S X144**  
**JET S ST151**

- BW: 74 lbs / 101 ratio
- WW: 690 lbs / 108 ratio
- YW: 1408 lbs / 114 ratio
- Yr. SC: 36 cm
- Yr. Frame: 6.0

AAA EPDs as of 7/26/19 Production Maternal Carcass C U $Value

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>RADG</th>
<th>DMI</th>
<th>SC</th>
<th>DOC</th>
<th>Claw Angle</th>
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<th>CEM</th>
<th>Milk</th>
<th>Hg/Qt</th>
<th>MW</th>
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Fall 2019 Angus Breed Average EPDs

**Production:** CED: 6 BW: 1.3 WW: 53 YW: 93 RADG: .21 DMI: .30 YH: .5 SC: .75 DOC: .15 CLAW: .5 ANGLE: .50  
**Maternal:** HP: 10.6 CEM: .8 MLK: .25 MW: .29 MH: .3 SEN: .30

**Carcass:** CW: .37 MARB: .50 RE: .49 FAT: .012 SM: .58 SW: .55 SF: .78 SG: .44 SB: .122 SC: .216

Daughter, CAM Ranches, GA  
Son, Tehama Angus Ranch, CA  
Daughter, Select Stewart Angus, IN

**From Stewart Select Angus, IN**

**7AN388 S S NIAGARA Z29**  
**$25**
7AN521 WOODHILL BLUEPRINT

- One of the most unique bulls we have seen in recent times, BLUEPRINT is the kind cattlemen want.
- He exhibits exceptional phenotype with the combination of EPDs and genomic profile indicating the proper balance of traits for maternal performance and end-product merit.
- His first calf crop is outstanding. There is no doubt this bull will add muscle, depth of body and expand the rib cage while stamping his progeny with a captivating look. You won’t find a more useful sire for larger framed, flatter made females that need width, depth and muscle expression.
- Bred in one of the most respected herds in the country and from the legendary Evergreen cow family. BLUEPRINT is rich in pedigree derived from years of stacked genetics for functional cattle who perform in every segment of the business.
- Excellent choice for PROPHET, FORTRESS, WEIGH UP, BANKROLL, TRACTION and TEN X descendants.

From Woodhill Farms, Inc., WI and Deer Valley Farm, TN

**Reg:** 1887677
**Tattoo:** E60
**DOB:** 2/10/17

BW: 86 lbs / 100 ratio
WW: 684 lbs / 102 ratio
YW: 1327 lbs / 106 ratio
Yr. SC: 38 cm
Yr. Frame: 5.7

$30

AAA EPDs as of 7/26/19

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
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<th>RADG</th>
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</table>

7AN463 TEX PLAYBOOK 5437

- High customer satisfaction sire! Consistently sires high quality cattle that are quiet tempered, deep bodied, structurally correct and have exceptional eye appeal.
- Highly proven Calving Ease sire that does not sacrifice body dimension or growth.
- Ranks in the elite top 1 percent of the breed for $Maternal and his first daughters in production validate his ranking.
- Daughters are big-bodied, square-hipped females with beautiful udders and excellent fleshing ability.
- Works extremely well on WEIGH UP, PROPHET, FORTRESS and TEN X descendants.

From Teixeria Cattle Co., OK; Deer Valley Farm and Crazy K Ranch, TN; Rishel Angus, NE; Black Gold Genetics, IL; Valley Oak Angus, MI and Spruce Mountain Ranch, CO

**Reg:** 18414912
**Tattoo:** 5437
**DOB:** 8/3/15

BW: 75 lbs / 101 ratio
WW: 840 lbs / 121 ratio
YW: 1456 lbs / 118 ratio
Yr. SC: 42 cm

$30

AAA EPDs as of 7/26/19

<table>
<thead>
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<th>EPD</th>
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Fall 2019 Angus Breed Average EPDs

**7AN531 MOGCK ENTICE**

- An excellent combination of performance, maternal value and elite carcass merit. Ranks in the top 1 percent of breed for $ Combined which blends both maternal and terminal indexes.
- ENTICE is wide-based, long-bodied bull with exceptional depth of rib and thickness.
- He offers a very pleasing phenotype in a growth oriented mid 6 frame score.
- He had a very solid set of performance data: BW 77 lbs., WW 886 lbs., weaning ratio of 116, YW 1,544 lbs. and yearling ratio of 114.
- In addition to growth, he does very well from a carcass standpoint. He had a 4.94 IMF score with a ratio of 118 and a ribeye measurement of 17.0” with a ratio of 114.
- He has a very good disposition which is validated by his score of 1 on the 50K test for docility and his 37 Docility EPD.

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

<table>
<thead>
<tr>
<th>AAA EPDs as of 7/26/19</th>
<th>Production</th>
<th>Maternal</th>
<th>Carcass</th>
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<tr>
<td>CED BW WW YW RADG DMI YH SC DOC Claw Angle</td>
<td>HP CEM Milk Hol/Dt MW MH SEN</td>
<td>CW Marb RE Fat Gny/Pg Gny/Pt</td>
<td>SM SW SF SG SS SC</td>
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<td>88 .62 .65 .049 0 0</td>
<td>71 108 127 49 176 299</td>
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<tr>
<td>Acc .46 .79 .51 .44 .36 .48 .44 .38 .30 .30</td>
<td>.27 .33 .34 .40 .45</td>
<td>.45 .41 .40 .38</td>
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<td>30 2 10 1 2 95</td>
<td>1 35 30 95</td>
<td>20 1 1 35 4 2</td>
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**7AN528 DEER VALLEY GROWTH FUND**

- GROWTH FUND defies the odds for genetic merit! His elite EPD profile provides modest Calving Ease with off the charts growth, RADG and end-product values.
- His powerful dam is backed by the Select Sires cornerstone sires of WEIGH UP and 5050 and his third dam is the legendary 614 cow. Angus royalty that has proven to add performance and value year after year.
- It’s rare to find a bull that captures ones eye on paper and in the pasture. GROWTH FUND is a structurally sound, moderate framed bull with a powerful hip and rear leg. He exhibits extra neck extension, a smooth shoulder, wide topped and based with muscle expression and depth of body.
- His first calf crop is on the ground and it’s obvious that GROWTH FUND consistently stamps his progeny with exceptional phenotype and added performance. Many breeders report his calves to easily be the top end in their programs.

**From Deer Valley Farm, TN; Edisto Pines, SC; Britt Angus, GA; Trowbridge Angus, NY; Raymar Farms, Ca and Lawson Farms and Tom Baker, VA**

<table>
<thead>
<tr>
<th>AAA EPDs as of 7/26/19</th>
<th>Production</th>
<th>Maternal</th>
<th>Carcass</th>
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<tr>
<td>CED BW WW YW RADG DMI YH SC DOC Claw Angle</td>
<td>HP CEM Milk Hol/Dt MW MH SEN</td>
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<td>30 2 10 1 2 95</td>
<td>1 35 30 95</td>
<td>20 1 1 35 4 2</td>
<td></td>
</tr>
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</table>
**7AN443 BALDRIDGE BRONC**

- Highly proven Calving Ease bull that consistently sires calves that are born easily with extra vigor and grow rapidly with exceptional style and balance.
- BRONC exceeds his sire for frame size and captures your attention from every angle.
- His dam is one of the most prolific, high impact donors in the Angus breed and she stems from the legendary, stud bull producing Isabel cow family.

From Baldridge Bros., NE and Milly High Angus and Tuchscherer Angus, CO

**AAA EPDs as of 7/26/19**

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<tr>
<td>% Rank</td>
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| 90 | 55 | 40 | 80 |
| 10 | 25 | 50 | 90 |

**Fall 2019 Angus Breed Average EPDs**

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**14AN620 BALDRIDGE MARKSMAN D274**

- Tattoo: D274
- Born: 4/22/16
- Birth Wt: 88 lbs / ratio 114
- 205 Day Adj Wt: 687 lbs / ratio 98
- 365 Day Adj Wt: 1325 lbs / ratio 106
- Vt Scrl Circm: 39 cm
- Yr Scrl Score: 5.6

From Barstow Angus and Baldridge Bros., NE

**AAA EPDs as of 7/26/19**

<table>
<thead>
<tr>
<th>Production</th>
<th>Maternal</th>
<th>Carcass</th>
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</tr>
<tr>
<td>% Rank</td>
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</tbody>
</table>

| 70 | 35 | 10 | 85 |
| 55 | 40 | 70 | 55 |

**14AN447 BARSTOW BANKER B78**

- Tattoo: B76
- Born: 2/15/14
- Birth Wt: 68 lbs / ratio 92
- 205 Day Adj Wt: 686 lbs / ratio 99
- 365 Day Adj Wt: 1387 lbs / ratio 107

From Barstow Angus and Baldridge Bros., NE
High customer satisfaction is making him LEGENDARY.
His popularity continues to grow because of his reliable Calving Ease, excellent calf vigor, early rapid performance and high fertility.
He offers as much BW to WW spread as any bull in the breed with moderate mature size, added muscle and flawless structure.
The dam side provides strong maternal genetics.
An end-product leader ranking in the top 10 percent of the breed for Marbling and REA.

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

This all-time, high-selling beef bull at Select Sires increases his record every day.
COMRADE excels for functional females who are below the breed average for mature size.
His trademark is Calving Ease complemented by Docility, udder quality and moderate size.
He has earned a legendary reputation in commercial cow/calf country.

From Connealy Angus Ranch, NE

Fall 2019 Angus Breed Average EPDs


Connealy Angus 644L

Reg: 18534952  1385
Tattoo: 644L  1385
DOB: 1/23/16  2/2/11

7AN473 CONNEALY LEGENDARY 644L

$25

7AN368 CONNEALY COMRADE 1385

$25
**7AN464 DEER VALLEY UNIQUE 5635**

- Don’t overlook this up-and-coming sire! He is doing a fantastic job and is truly one of a kind in terms of structure, sheer mass, dimension and depth of body with strong end-product merit.
- Consistently sires extreme depth of body and dimension with flawless skeletal structure and great feet!
- One of the most complete EPD profiles in our lineup.

From Deer Valley Farm and Taylor Angus Farms, TN

<table>
<thead>
<tr>
<th>AAA EPDs as of 7/26/19</th>
<th>Production</th>
<th>Maternal</th>
<th>Carcass</th>
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**7AN516 RES DARK FIRE E612**

- Interesting combination of Calving Ease, performance and Marbling in a maternally oriented package.
- DARK FIRE’s top 15 percent $M and top 25 percent $B is intriguing, siring moderate-framed, good footed progeny that hit the target on WW and YW as well.
- Check out his rankings on SC, CLAW, ANGLE, CEM, MILK and MARB!

From Robert Elliott & Sons, TN

<table>
<thead>
<tr>
<th>AAA EPDs as of 7/26/19</th>
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<th>Maternal</th>
<th>Carcass</th>
<th>$Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reg: 18746402</td>
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<td>WW: 716 lbs / 124 ratio</td>
<td>Yr. SC: 40 cm</td>
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**7AN451 WERNER FLAT TOP 4136**

- A dependable, Calving Ease sire delivering exceptional growth and eye-catching phenotype.
- Black Granites stoutest and best phenotype son; he exceeds his sire for frame size and length of body; impressive to all that have seen him.
- Excellent mating choice to reduce birth weight, correct structure and increase phenotype without sacrificing growth.

From Werner Angus LLC, IL; Chandler Cattle Co. and Buford Ranches, OK; Lisonbee Angus Ranch, UT; Rock Ridge Farms, Solid Angus and Sammy & Connie Ayres, KY; Sarkaria Farms and Trowbridge Farms, NY; Bill Hargrafen, IA and Reisig Cattle, MT

<table>
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<tr>
<th>AAA EPDs as of 7/26/19</th>
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<th>Maternal</th>
<th>Carcass</th>
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7AN351 CONNEALY CAPITALIST 028

◊ A worldwide sensation for siring superior phenotype and maternally oriented daughters.
◊ Unmatched in his ability to transmit body mass, base width and visual muscle.
◊ His daughters are his greatest asset; moderate framed, big bodied and easy fleshing with beautiful udders.
◊ Popular sire for use on continental influenced and larger framed cattle who need moderation and doability.

From Connealy Angus Ranch, NE and 44 Farms, TX

14AN426 COLEGAN CHARLO 0266

◊ CHARLO is the cattlemen’s kind and a breed changer for capacity and muscle.
◊ One of the breed’s best and highest accuracy for foot improvement.
◊ A great Calving Ease and maternal sire ranking in the top 3 percent of the breed for $W and 10 percent for $EN.
◊ Daughters have superior fleshing ability, excellent udder quality and fit many environments.
7AN480 TEHAMA BONANZA E410

$20

Double-digit Calving Ease coupled with exceptional growth in a stout, wide bodied, structurally sound package.

His first calves have been low birth weight with extra depth of body and thickness while being level designed and have a captivating look.

Elite ranking for $Maternal and $SWeaning; this is a cow maker sire with a host of traits that have a lasting impact on a cow herd.

From Tehama Angus, CA; Boyd Beef Cattle, KY; Prairie View Farm, IL and Trowbridge Angus, NY

Reg: 18624785
Tattoo: E410
DOB: 2/4/16

Yr. Frame: 5.1
Years SC: 37 cm

Preceding maternal calves and calves on the ground are showing both the profit and production potential on a $Combined index.

Type: Exceptional
Performance: Exceptional

7AN427 QUAKER HILL MANNING 4EX9

$25

With an impressive progeny proof, MANNING has the type and data fitting of his top 10 percent $Combined index.

With double-digit Calving Ease, awesome growth and bringing excellent carcass quality to the end game, he is great choice for the profit minded producer.

Progeny are good bodied with a lot of width, dimension and an attractive look.

From Quaker Hill Farm and Kwopoke Cattle Co., VA and Friendship Farms, GA

Reg: +17831034
Tattoo: 4EX9
DOB: 3/16/14

Yr. Frame: 36 cm

With an impressive progeny proof, MANNING has the type and data fitting of his top 10 percent $Combined index.

With double-digit Calving Ease, awesome growth and bringing excellent carcass quality to the end game, he is great choice for the profit minded producer.

Progeny are good bodied with a lot of width, dimension and an attractive look.

From Quaker Hill Farm and Kwopoke Cattle Co., VA and Friendship Farms, GA

Reg: +17259012
Tattoo: Y331
DOB: 9/25/11

Yr. Frame: 87 cm

DOB: 2/3/14
Tattoo: B024
Reg: 17841616

Yr. Frame: 90 cm

7AN395 K C F BENNETT FORTRESS

$20

One of the most highly proven spread bulls in the Angus breed, FORTRESS calves come easy, have great vigor and grow exceptionally well.

A $SWeaning trait leader who breeds profit into cattle at all stages of their life.

His daughters are deep-bodied, broody females with nice udder design.

From Knoll Crest Farm, VA

Reg: +17259012
Tattoo: Y331
DOB: 9/25/11

Yr. Frame: 87 cm

7AN511 VERMILION SPUR B024

$25

A unique genetic package with one of the highest ranking and best all around set of indexes in the breed.

Mating flexibility with an elite curve bender spread, high Heifer Pregnancy and breed leading Marbling.

He sires fast-growing calves with added length of body and performance.

His daughters are proving to be productive young females that wean big calves.

From Vermilion Ranch and Bobcat Angus, MT

Reg: 17841616
Tattoo: B024
DOB: 2/3/14

Yr. Frame: 90 cm

Fall 2019 Angus Breed Average EPDs


Carcass: CW: 3.7 MARB: 0.5 RE: .49 FAR: .012 SM 58 SW 55 SF 78 SG 64 SB 122 SC 216
7AN418 DEER VALLEY PATRIOT 3222

- Patriot daughters in production are feminine, sound and deep-bodied with good udder design and small teat size.
- His values for CLAW and ANGLE make him a foot improver.
- He is one of the highest Heifer Pregnancy bulls in the entire breed!
- A Calving Ease, cow-maker sire with added growth and end-product merit, he checks all the boxes.

From Deer Valley Farm and Taylor Angus Farms, TN

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<tr>
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<td>Yr. Frame: 6.2</td>
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Reg: +17577916
Tattoo: 3222
DOB: 2/4/13

AAA EPDs as of 7/26/19

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% Rank 1 15 15 25 40 5 9 5 75 25 75 9 75 25 10

14AN497 E&B NEW ADDITION 608

- NEW ADDITION is a Calving Ease sire with huge end-product merit and muscling while still offering a very attractive maternal package with high marks for Docility, Heifer Pregnancy and Calving Ease Maternal.
- Moderate-framed with base width and soundness, you’ll appreciate his daughter’s replacement quality.
- Confidence Plus son with lots of repeatability built into his pedigree.

From Benoit Angus and Smoky Valley Angus, KS

| BW: 64 lbs | ratio 92 |
| WW: 784 lbs | ratio 112 |
| YW: 1200 lbs | ratio 99 |
| Yr. SC: 36 cm |
| Yr. Frame: 5.2 |

Reg#: 18548853
Tattoo: 608
Born: 1/15/16

NEW ADDITION is an Elite Calving Ease sire ranking in the top 1 percent of the breed for CED and BW EPDs.

AAA EPDs as of 7/26/19

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<th>CED</th>
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% Rank 1 1 20 35 55 65 85 1 20 85 10 15

7AN525 SPRING COVE COMPOUND 12E

- COMPOUND is an Elite Calving Ease sire ranking in the top 1 percent of the breed for CED and BW EPDs.
- Expect his progeny to still have plenty of performance and gain with a top 15 percent Yearling Weight ranking and top 10 percent $Weaning.
- Outcross mating to a lot of Select Sires pedigrees with several traits that rank in the top 25 percent or better including his top 10 percent $Combined.

From Spring Cove Ranch, ID

| BW: 56 lbs | ratio 75 |
| WW: 784 lbs | ratio 112 |
| YW: 1200 lbs | ratio 99 |
| Yr. SC: 36 cm |

Reg: 18875915
Tattoo: 12E
Born: 1/21/17

AAA EPDs as of 7/26/19

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% Rank 1 1 20 35 55 65 85 1 20 85 10 15
**7AN542 G A R COMBUSTION**

- Featured as the lot 1 bull in the Spring 2019 Gardiner Angus Ranch Sale
- Combines two of the best Calving Ease and carcass bulls in the business, SURE FIRE and MOMENTUM
- Check out his Marbling EPD! If you want to change cattle, genetics like this will change them.
- Big time growth projections and big-time end-product projections
- One of our very best for the $Combined index.

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

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<th>Grp/Pk</th>
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**7AN483 G A R PHOENIX**

- This former Lot 1 GAR bull posts some of the most impressive EPDs in the Angus breed.
- Combines CED, growth and carcass merit at high levels – these are genetics for improvement.
- Backed by generations of proof – breeding best to best equals better!
- Projected high for several extras like SC, DOC, foot EPDs, HP and CEM
- His Method Genetic Scores are 1/1/1 – maternal production, quality pounds and ROI

From Gardiner Angus Ranch and Winter Family Ranch, KS

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**Fall 2019 Angus Breed Average EPDs**


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**7AN392 G A R METHOD**

- The only bull in the breed with his blend of Marbling and REA EPDs and he's proven for Calving Ease!
- Add significant end-product premiums, keep size under control and improve Docility with one unique bull.
- MOMENTUM daughters are valued for their moderate size, superior udder design and attractive appearance.
- Concerned about how big your cows are? Here's a frame-controller with plenty of bonuses.

From Gardiner Angus Ranch, KS and Mayer Ranch, OK

**7AN441 G A R METHOD**

- METHOD offers breed leading growth performance with incredible stats for added end-product value.
- High for Docility, expect gentle, attractive offspring with a boost for both Marbling and muscle.
- One of only two bulls in the breed offering this much muscle at this level for Calving Ease.
- Top 4 percent for $W, top 10 percent for $B and top 10 percent for $C – designed to add pounds and premiums
- METHOD's are stout, square-hipped and attractive.

From Gardiner Angus Ranch, KS and The Method Group
7AN423 G A R 100X

◊ Shows up in the pedigree of many high genomic standouts
◊ Double digit Calving Ease with huge end-product merit values to make big changes in your calf crop.
◊ Amazing carcass data along with top 2 percent $B and backed up by 117 carcass records
◊ Daughters are strong, square-hipped and attractive and possess exceptional udders.

From Gardiner Angus Ranch, KS; CAM Ranches, GA and Taylor Angus Farms, TN

Reg: +17774305
Tattoo: A3052
DOB: 9/22/13

YW: 1015 lbs / ET
Yr. SC: 35 cm
Yr. Frame: 4.8

.pagination

7AN362 G A R COMPOSURE

◊ A customer favorite for his steady and proven offering of Calving Ease and Docility.
◊ Top 1 percent for $Weaning and a confirmed choice for high Marbling
◊ Daughters are mid-sized, attractive cows with nicely-balanced udders

From Gardiner Angus Ranch and Randy Bayne, KS

Reg: +16496980
Tattoo: 5689
DOB: 8/16/09

YW: 1410 lbs / ET
Yr. SC: 38 cm
Yr. Frame: 5.7

.pagination

7AN320 G A R PROPHET

◊ Proven breed leader for Calving Ease, high growth and high Marbling.
◊ Daughters mature into fabulous, long-bodied, good-uddered, feminine cows.
◊ With over 200 carcass records, PROPHET is one of the best bets in the business for quality premiums.
◊ High figures for $M and $W enhance his value as a cow herd improver.

From Gardiner Angus Ranch, KS and CAM Ranches and Ogeechee Angus, GA

Reg: +16295688
Tattoo: 6128
DOB: 8/15/08

YW: 1556 lbs / ET
Yr. SC: 37 cm
Yr. Frame: 6.2

pagination
14AN541 G A R BONFIRE

If you’re serious about making money in the cattle business, look in!
A top 2 percent $Combined sire that will put on the pounds and then rake in the premiums with big-time carcass quality!
BONFIRE’s pedigree is a who’s who of bulls that have made their mark for creating choice and prime category carcasses.
Huge rankings on growth while being very well balanced maternally, BONFIRE is getting found by astute breeders and for good reason.
Great EPD profile, great ranking on his indexes and great pedigree of proven breed leaders.

From Gardiner Angus Ranch, KS and Larry Mason, TN

AAA Reg#: +18789776
Tattoo: K137
Born: 2/14/17
Birth Wt: 94 lbs | ET
205 Day Adj Wt: 747 lbs | ET
365 Day Adj Wt: 1429 lbs | ET
Yr. Scrtl Circum: 39 cm
Yr. Fr Score: 7.0

7AN518 G A R XCEPTIONAL

One of the highest $Combined bulls in the Angus breed.
Displays amazing projections for carcass traits along with high SM, SW and SB.
Medium-sized with way more muscle and base-width than you’d expect
Will see heavy use in programs desiring genetic improvement in as many traits as possible

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

AAA Reg#: +18082928
Tattoo: 4080G
DOB: 2/14/17

AAA EPDs as of 7/26/19
Production
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Fall 2019 Angus Breed Average EPDs
Carcass: CHW: .37 MARB:.50 RE:.49 FAT:.012 SM:.58 SW:.55 SF:.76 SG:.44 SB:.122 SC:.216

CONNEALY IN SURE 8524
CHAIR ROCK 5050 G A R 8086
G A R PROPHET
CHAIR ROCK PROPHET 3054
CHAIR ROCK S050 G A R 1131

Fall 2019 Angus Breed Average EPDs
Carcass: CHW: .37 MARB:.50 RE:.49 FAT:.012 SM:.58 SW:.55 SF:.76 SG:.44 SB:.122 SC:.216

YOUR SUCCESS IS OUR PASSION.
### $Maternal EPD Rank

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**DATA DRIVEN VALUE**

Top Dollar Angus, Inc. is the industry’s leading genetic verification and marketing assistance company, serving Angus & Red Angus seedstock partners and their customers, coast to coast.

“Dealing with their team was a pleasant and easy experience. They took the time to explain how the Top Dollar Genetic Verification program worked. Their team did almost all the heavy lifting helping my customer receive a great value for his steers.”

- Russell Womack
Find a full listing of qualified sires from Select Sires and Accelerated Genetics at www.selectsiresbeef.com/resources/top-dollar-angus/.

Top Dollar Angus, Inc. is the industry’s leading genetic verification and marketing assistance company, serving Angus & Red Angus seedstock partners and their customers, coast to coast.

This genomic standout pushes growth to new limits — top 1 percent for WW and YW.

Heavily used and heavily liked where his first calves have hit the ground.

Our highest bull for $Combined take advantage of his maternal and end-product excellence!

From Edgewood Angus LLC, VA and Dave Dockter, ND

WEST POINT is the result of stacking generations of proven breed icons, MOMENTUM, WEIGH UP and 5050.

His dam is a feature in Powell Farms program in TN, headlining a powerful set of genomically- and 5050.

From Mark Glaser, NE and KB Angus, MI

◊ This is a must sample sire that is off to a great start with excellent progeny and data reports.

◊ First calf reports are stellar! Sires moderate birth weights with rapid early growth in a level design with extra length and tremendous width of top and rear quarter.

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◊ Potent genetics that will boost a genomic profile to new levels.

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Blaze a new trail with one of the high $Combined bulls in our lineup. He combines a no holes EPD profile with a powerful phenotype and added eye-appeal. Exciting mating flexibility with a different twist on the bottom side of his pedigree. Double-digit Calving Ease coupled with top 1 percent growth, Heifer Pregnancy and Marbling. He does it all with great Docility and moderate Milk.

From Ferguson Angus, KS

**Reg:** 18996007  **Tattoo:** 239E  **DOB:** 2/18/17

- **BW:** 67 lbs / 89 ratio
- **WW:** 589 lbs / 100 ratio
- **YW:** 1402 lbs / 113 ratio

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**Tattoo:** 239E

**From Ferguson Angus, KS**

**14AN422 V A R DISCOVERY 2240**

- **Reg #:** 17262835
- **Tattoo:** 2240
- **Born:** 3/6/12
- **Birth Wt:** 78 lbs | ratio 101
- **205 Day Adj Wt:** 788 lbs | ratio 117
- **365 Day Adj Wt:** 1310 lbs | ratio 119
- **Yr Scrtl Circum:** 42 cm

- **Yr. SC:** 36 cm
- **Yr. Frame:** 5.9

- **Reg:** 18476755  **Tattoo:** C622  **DOB:** 9/29/15

**From Vintage Angus Ranch, CA and 44 Farms, TX**

**7AN547 K C F BENNETT CITATION**

- **Proven Calving Ease with added Marbling and Ribeye from the dam of FORTRESS.**
- **CITATION is an impressive sire that is moderate framed, long bodied, straight lined and exhibits plenty of muscle expression with base width.**
- **His progeny are born easy and are structurally sound with extra eye-appeal.**
- **Use with confidence on heifers to add end-product value and improve structure without giving up performance.**

**From Knoll Crest Farm, VA and 44 Farms, TX**

**Reg:** 18476755  **Tattoo:** C622  **DOB:** 9/29/15

**Tattoo:** C622

**From Knoll Crest Farm, VA and 44 Farms, TX**

**7AN547 K C F BENNETT CITATION**

**$20**

**$25**

**MYTTY IN FOCUS**

- **Tattoo:** 2240
- **Born:** 3/6/12
- **Birth Wt:** 78 lbs | ratio 101
- **205 Day Adj Wt:** 788 lbs | ratio 117
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**Fall 2019 Angus Breed Average EPDs**

- **Carcass:** CW: 37 MARB: .50 RE: .49 FTE: .012 SM: 58 SW: 55 SF: 78 SG: 64 SB: 122 SC: 216

**2019 FALL SIRE DIRECTORY**
**7AN538 44 BRAGGING RIGHTS 4372**

- **$22**
- **A proven low birth weight spread bull with exceptional end-product values and a breed leader for Docility.**
- **Consistently sires extra depth of body and fleshing ability with dependable performance. His progeny continue to be standouts at 44 Farms.**
- **His dam is one of the most impressive cows you will find. Backed by the Ruby cow family and the Select Sires cornerstone sire, CAPITALIST.**
- **With modest milk and easy fleshing ability, he is a cow maker sire for harsh, low input environments.**

From 44 Farms, TX and Twelve Stones Ranch, AR

---

**7AN544 44 MAIN STREET 7049**

- **$18**
- **MAIN STREET combines the two most prominent cow families in the 44 Farms program with 44 Ruby 2357 and Lucy 11209.**
- **Excellent Calving Ease and growth predictions with advantageous carcass merit with high ranking HP, $W and $M.**
- **He is a stout featured, wide bodied bull with tremendous width of top and muscle expression.**

From 44 Farms, TX

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**Angus EPDs as of 7/26/19**

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**Angus EPDs as of 7/26/19**

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7AN384 CONNEALY COURAGE 25L

- One of the breed's best for combining Calving Ease, muscle and moderate mature size.
- Daughters are feminine, easy-keeping, broody and gorgeous uddered designed to work and excel in multiple environments.
- A high customer satisfaction sire on multiple continents.

From Connealy Angus Ranch, NE; Way View Cattle Co., OH and Raymond Haugen, ND

<table>
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<tr>
<th>AAA EPDs as of 7/26/19</th>
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$20

7AN401 HOOVER ELATION M123

- Reliable Calving Ease and high quality daughters! Check out his elite Docility, moderate mature size and ideal milk EPD.
- One of the breed’s best for Heifer Pregnancy.
- ELATION’s pedigree provides lots of mating flexibility on daughters of COMRADE, FORTRESS, HORIZON, NIAGARA and REMEDY.

From Hoover Angus, IA

<table>
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<td>HP CEM Milk HD/OL HW MH SEN</td>
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<td>SM SW SF SG SB SC</td>
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$22

14AN503 COLEMAN ENGAGE 5255

- The best CHARLO son to date, he offers more bone and stoutness than his sire!
- Going back to REGIS on the bottom side of the pedigree, he says cow maker in every way.
- Use ENGAGE to make productive cows that moderate frame size and bring profitability to the herd with his elite $Maternal.
- Sires deep-bodied, maternal looking daughters while still transmitting plenty of power and balance.

From Coleman Angus, MT and Lawson Family Farms, VA

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<td>39 .31 .65 .052 0 1</td>
<td>90 84 61 34 94 212</td>
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$25

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AAA Reg#: 18402687

Tattoo: 5255

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$25

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14AN503 COLEMAN ENGAGE 5255

AAA Reg#: 18402687

Tattoo: 5255

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O C C PAXTON 730P

COLEMAN CHARLO 0256

BOHI ABIGALE 6014

COLEMAN REGIS 904

COLEMAN EVERELDA ENTENSE1169

COLEMAN EVERELDA ENTENSE 578

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$26

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Fall 2019 Angus Breed Average EPDs


26 | 2019 FALL SIRE DIRECTORY
Deep bodied, huge topped, wide based and easy fleshing, a real tank of a bull.

His combination of $Maternal, $Weaning and $Beef is hard to find. Cow maker sire with performance and end product merit.....this bull does it all!

A trait leader for foot EPDs and Docility increases his usefulness for long term profitability.

A low input sire that can be used to reduce frame size, increase muscle and add capacity.

From Deer Valley Farm, TN and David Daily, AL

---

Appropriately named for his ability to fix foot and leg issues in one generation, REMEDY is one of the most elite bulls in the Angus breed for superior foot quality!

A high customer satisfaction bull that provides outcross genetics stacked with high maternal sires that have stood the test of time.

Sires eye-appealing cattle that are deep-ribbed, level-hipped and possess structural integrity

His daughters are deep and broody with excellent udder quality while his sons are powerful bulls that are wide based, stout featured and are well accepted in the commercial sector of the beef business.

From Ellingson Angus, ND and The 1T01 Group, TN

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Fall 2019 Angus Breed Average EPDs


28 | 2019 FALL SIRED DIRECTORY

14AN460 CONEALY GLORY 4127

AAA Reg#: 17886624
Tattoo: 4127
Born: 1/23/14
Birth Wt: 70 lbs | ratio 96
205 Day Adj Wt: 746 lbs | ratio 99
365 Day Adj Wt: 1244 lbs | ratio 98
Yr Scrtl Circum: 35 cm

For those who appreciate cattle with moderate birth weights, solid growth, excellent carcass value and maternal function.

Attractive patterned bull that offers added substance, capacity and dimension to his progeny.

A perfect blend of growth, maternal and carcass value in one package ranking in the top 2 percent of breed for $Combined.

His dam is a moderate-framed female with tremendous capacity and excellent udder quality.

For those who appreciate cattle with moderate birth weights, solid growth, excellent carcass value and maternal function.

Attractive patterned bull that offers added substance, capacity and dimension to his progeny.

A perfect blend of growth, maternal and carcass value in one package ranking in the top 2 percent of breed for $Combined.

His dam is a moderate-framed female with tremendous capacity and excellent udder quality.

14AN440 CONEALY GUINNESS

AAA Reg#: 17031279
Tattoo: 1337
Born: 1/31/11
Birth Wt: 82 lbs | ratio 104
205 Day Adj Wt: 741 lbs | ratio 101
365 Day Adj Wt: 1322 lbs | ratio 106
Yr Scrtl Circum: 39 cm

As stout as his name implies, GUINNESS is a massive-bodied bull that puts the pounds to his progeny and is complimented by his chart-topping MARB!

Highly proven sire that makes great daughters that are deep, easy doing and have excellent udders.

GUINNESS progeny have that unmistakable look of center rib shape and thickness.

Outcross pedigree offers tons of mating flexibility.

From Connealy Angus Ranch and Jindra Angus, NE

7AN460 CROUTHAMEL PROTOCOL 3022

Looking for something different? PROTOCOL is a proven cowmaker that sires value added feeder cattle too.

His breedleading growth, quality replacement females and end-product merit make him a logical choice for any program.

His moderate-sized daughters are highly productive females with longevity and a quiet attitude.

From Raymond & Sons Inc., OR and Crouthamel Cattle Co., WA

$25

$20

$25
As his name implies, he offers an incredible BALANCE in his EPD profile and his stunning phenotype.
Massively designed, big bodied and flawless in skeletal structure, BALANCE is a cattlemen’s kind of bull!
Check out his elite combination of $Maternal and $Weaning coupled with top 30 percent $Beef. This bull can truly do it all.
Backed by one of the most prominent cow families in the Angus breed, tracing to the legendary super cows 614, 309 and 5H11.
First progeny are amazing. BALANCE is transmitting his awesome phenotype and adding positive ranking data to boot.

WALL STREET is a true beef bull with tremendous depth of body and thickness throughout. A masculine young sire that captures your attention from every angle.
Offers excellent weaning and yearling performance with exceptional $Values excelling in the top 2 percent of breed for WW, YW, CW, $W and $B.
His dam stacks two of the all time leading, curve bending A.I. sires from the Select Sires lineup with WEIGH UP and GAR NEW DESIGN 5050. Her grandam is the legendary, record selling GAR EXT 614 whose progeny have set records throughout the Angus breed.
Powerful phenotype, breed leading growth with extra Marbling and $Value indexes.

AAA EPDs as of 7/26/19

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>RADG</th>
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<td>152</td>
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% Rank 45 50 1 1 2 95 75 45 20 85 40 60 35 15 3 10 95 1 10 45 95 70 1 3 10 2 2

AAA Reg#: +18693041
Tattoo: 6169
Born: 1/9/16
Birth Wt: 71 lbs | ratio 103
205 Day Adj Wt: 819 lbs | ratio 123
365 Day Adj Wt: 1304 lbs | ratio 111
Yr. Scrtl Circum: 39 cm

AAA Reg#: +18827829
Tattoo: 71128
Born: 1/23/17
Birth Wt: 75 lbs | ET
205 Day Adj Wt: 905 lbs | ET
365 Day Adj Wt: 1243 lbs | ET
Yr. Scrtl Circum: 35 cm

Fall 2019 Angus Breed Average EPDs

Before you decide to buy, contact the seller and ask for more detailed information about the bull's EPDs, performance data, and genetic background.
7AN467 S A V SUPERCHARGER 6813

- Supercharge your breeding program by adding elite type and performance to your calf crop.
- RECHARGE’s best son; he sires stout performance cattle with a flawless structure and excellent breed character.
- Pedigree is packed with maternal power combining two of the best cows in the SAV program, 0075 and 4136 - expect high quality daughters.

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

- **Reg:** +18579297
- **Tattoo:** 6813
- **DOB:** 1/4/16
- **BW:** 82 lbs / ET
- **WW:** 924 lbs / ET
- **YW:** 1502 lbs / ET
- **Yr. SC:** 42 cm
- **Reg:** +18579297
- **Tattoo:** 6813
- **DOB:** 1/4/16
- **BW:** 82 lbs / ET
- **WW:** 924 lbs / ET
- **YW:** 1502 lbs / ET
- **Yr. SC:** 42 cm
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- **WW:** 924 lbs / ET
- **YW:** 1502 lbs / ET
- **Yr. SC:** 42 cm

7AN474 CONEALY BLACKHAWK 6198

- A sales leader across the globe - one of the breed’s most elite growth sires while keeping BW in check.
- BLACKHAWK will add frame size, performance, body length and stoutness.
- He offers strong maternal qualities too ranking in the top 2 percent for $W with elite SC, DOC and HP.

From Connealy Angus Ranch, NE

- **Reg:** 18538178
- **Tattoo:** 6198
- **DOB:** 1/19/16
- **BW:** 70 lbs / 91 ratio
- **WW:** 874 lbs / 119 ratio
- **YW:** 1492 lbs / 120 ratio
- **Yr. SC:** 41 cm
- **Reg:** 18538178
- **Tattoo:** 6198
- **DOB:** 1/19/16
- **BW:** 70 lbs / 91 ratio
- **WW:** 874 lbs / 119 ratio
- **YW:** 1492 lbs / 120 ratio
- **Yr. SC:** 41 cm
- **Reg:** 18538178
- **Tattoo:** 6198
- **DOB:** 1/19/16
- **BW:** 70 lbs / 91 ratio
- **WW:** 874 lbs / 119 ratio
- **YW:** 1492 lbs / 120 ratio
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- **Tattoo:** 6198
- **DOB:** 1/19/16
- **BW:** 70 lbs / 91 ratio
- **WW:** 874 lbs / 119 ratio
- **YW:** 1492 lbs / 120 ratio
- **Yr. SC:** 41 cm

7AN426 SAC CONVERSATION

- Highly admired for his phenotype, he is wide based, square hipped and exhibits tremendous depth of body and rib shape while adding muscle.
- He offers mating flexibility while moderating size, improving eye-appeal and giving progeny a soft look.
- Excellent choice for large framed cattle that need more depth, width and muscle.

From Schermer Angus, IA; Silveria Brothers, CA and The Conversation Group

- **Reg:** 17808532
- **Tattoo:** JS02
- **DOB:** 11/12/13
- **BW:** 76 lbs / 95 ratio
- **WW:** 888 lbs / 124 ratio
- **YW:** 1502 lbs / 117 ratio
- **Yr. SC:** 41 cm
- **Reg:** 17808532
- **Tattoo:** JS02
- **DOB:** 11/12/13
- **BW:** 76 lbs / 95 ratio
- **WW:** 888 lbs / 124 ratio
- **YW:** 1502 lbs / 117 ratio
- **Yr. SC:** 41 cm
- **Reg:** 17808532
- **Tattoo:** JS02
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- **Yr. SC:** 41 cm

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**ANGUS**

**FE**

**RTILITYE RIFIED**

Fall 2019 Angus Breed Average EPDs

- **Production:** CED: 6 BW: 1.3 WW: 93 RADG: .21 DMI: .35 YH: .5 SC: .75 DOE: .50 ANW: .50 Maternal: HP: 10.6 CEM: 8.8 WILK: 25 MW: 29 MH: -3.00
- **Carcass:** CW: .37 MARB: .50 RE: .49 Fat: .013 SM: 58 SW: .55 SF: .78 SG: 122 SC: 216

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30 | 2019 FALL SIRe DIRECTORY
7AN550 HOVER KNOW HOW

- No doubt, this No Doubt son will be in high demand with performance breeders!
- Big time stats for CW, Marb and REA, all with an outcross pedigree
- Expect thick, powerful offspring with more shape than most.
- Take a look at his HP, CEM, foot EPDs and Docility — getting the picture?

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

**BW:** 80 lbs / 98 ratio
**WW:** 765 lbs / 108 ratio
**YW:** 1310 lbs / 102 ratio
**Yr. SC:** 40.5 cm
**Yr. Frame:** 5.7

**Reg:** 18543644
**Tattoo:** R67
**DOB:** 1/27/16

**MOGCK BULLSEYE**

**BLKCP EMMER ELLSTON L265**

**NEW**

$40

7AN415 CONNEALY POWER SURGE 3115

- POWER SURGE is the proven performance bull you are looking for that sires progeny offering dimension, an attractive look, big footed and with plenty of muscle.
- He has several EPD’s that are in the top 15 percent or better - WW, YW, RADG, DOC, CEM, Milk, MW, MARB, SW and SB! Check out his top 10 percent $Combined too!
- Use POWER SURGE as a great complimentary mating on other Connealy lines.

From Connealy Angus Ranch and Green Valley Cattle, NE; Alan Mead, Gerloff Farms and Brockmere Farms, MO

**BW:** 63 lbs / 94 ratio
**WW:** 794 lbs / 107 ratio
**YW:** 1436 lbs / 112 ratio
**Yr. SC:** 36 cm
**Yr. Frame:** 5.9

**Reg:** 17585502
**Tattoo:** 3115
**DOB:** 1/20/13

**G A R PREDESTINED**

**BASHA OF CONANGA 1475**

**NEW**

$25

7AN440 DEER VALLEY OLD HICKORY

- Proven sire for low birth, high performing, attractive progeny.
- OLD HICKORY fills the components of an elite $Maternal and $Weaning sire that still ranks in the upper 30 percent of the breed for $Beef....few bulls can accomplish high ranking in this trifecta of indexes.
- Will add pounds and stature to his progeny without the worry of increased birth weights.

From Deer Valley Farm, TN; Boyd Beef Cattle, Solid Rock Angus, Sammy Ayres and Jared Ayres, KY; Trowbridge Angus, NY; Cole Elrod, GA; Pembrook Cattle Co., OK and Tom Boyan, NJ

**BW:** 76 lbs / 104 ratio
**WW:** 825 lbs / 103 ratio
**YW:** 1340 lbs / 108 ratio
**Yr. SC:** 36 cm
**Yr. Frame:** 6.1

**Reg:** +17873666
**Tattoo:** 4181
**DOB:** 1/16/14

**SITZ UPWARD 307R**

**DEER VALLEY RITA 1126**

**NEW**

$25

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7SM79 HPF OPTIMIZER A512

◊ A customer satisfaction sire known for making high performing, blaze face offspring with eye-appeal.
◊ He ranks in the top 1 percent for WW, YW and CW.
◊ OPTIMIZER is our fourth highest Simmental for sales at Select Sires and is the No. 17 sire in the breed for registrations.
◊ Homozygous polled, homozygous black

From Hudson Pines Farm, NY; Hayes Ranch, MT and Hillstown Farm, IL

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7SM89 W/C RAPID FIRE 2101C

◊ RAPID FIRE ranks in the top 1 percent for Milk, top 3 percent for DOC and top 4 percent for ADG.
◊ A white faced bull with all the added bells and whistles. Look for his offspring to come easy, grow fast and gentle to handle.
◊ Homozygous polled, homozygous black

From Scott Werning, SD; River Creek Farms, KS and Ruble Cattle Services, IA

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7SM82 HOOK’S BROADWAY 11B

◊ A well proven sire, BROADWAY now ranks as the No. 15 registration sire in the breed
◊ Known as a sire for growth and grunt
◊ His females may be the best for genetics. They are deep ribbed with nice udders.
◊ Top marks for weaning and yearling he also has a top 4 percent MARB ranking and a well balanced API / TI combination.
◊ Homozygous polled, homozygous black

From Hook Farms, MN; Gibbs Farms, AL and Cow Camp Ranch, KS

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</table>
◊ WIDE RANGE has quickly become one of the go-to SimAngus™ bulls for phenotype and performance and continues to be a top-seller at Select Sires.
◊ He currently stands as the No. 5 registration sire in the breed.
◊ WIDE Range is the sire of countless top-selling bulls and females! Expect deep-bodied, stout-made bulls and females with his daughters having great udder quality.
◊ Customer satisfaction sire for both commercial and purebred producers.
◊ Homozygous polled, homozygous black

From Cow Camp Ranch, KS; Advanced Beef Genetics, IA and Gibbs Farms, AL

BW: 80 lbs / ET
WW: 823 lbs / ET
YW: 1366 lbs / ET
Yr. SC: 40.4 cm
Yr. Frame: 5.7
HOMO. Black/Homo. Polled

ASAPEDS as of 7/23/19
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◊ An outstanding son of WIDE RANGE with potential for Calving Ease and Marbling.
◊ BROAD RANGE was chosen from his phenomenal dam for these reasons, plus his stellar phenotype.
◊ He possesses very competitive EPDs and indexes.
◊ First calves will be born in the Fall of 2019. He was well sampled in both the A.I. industry and ET flushes.
◊ Homozygous polled, homozygous black

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

BW: 67 lbs / 113 ratio
WW: 840 lbs / 117 ratio
YW: 1215 lbs / 113 ratio
Yr. SC: 36.5 cm
Yr. Frame: 6.0
HOMO. Black/Homo. Polled

ASAPEDS as of 7/23/19
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7SM85 GW TRIPLE CROWN 018C

◊ A Calving Ease SimAngus™ choice that adds much more and makes the perfect sire for heifer projects!
◊ He’s a big-bodied, moderate framed sire that presents an unbeatable EPD profile.
◊ TRIPLE CROWN has the growth, Stabability and carcass quality to add value across the board for your herd.
◊ Top marbling and top API ranking

From Gateway Simmentals, MT and Gibbs Farms, AL

GW PREMIUM BEEF 021TS
J BAR J NIGHTRIDE 225Z
J BAR J MISS ND 793X
GW PREDESTINED 701T
GW MISS GPRD 359A
GW MISS PREM BEEF 240Y

$18

ASA EPDs as of 7/23/19

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7SM71 S D S IN FORCE 112Y

◊ A top 15 percent Calving Ease sire for use as a bet-the-ranch heifer safe sire in SimAngus™ or black baldie programs.
◊ Save the heifers for replacements! They make small framed, beautiful uddered replacement females.
◊ Homozygous polled, homozygous black

From South Dakota State University, SD; Gibbs Farms, AL and Cow Camp Ranch, KS

NICHOLS LEGACY G151
HOOKS SHEAR FORCE 38K
C&O TRACY
MYTTY IN FOCUS
S D S PRINCESS 925W
S D S PRINCESS 761T

$20

ASA EPDs as of 7/23/19

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14SM3090 HOOK`S BOZEMAN 8B

◊ A top 15 percent Calving Ease sire for use as a bet-the-ranch heifer safe sire in SimAngus™ or black baldie programs.
◊ Save the heifers for replacements! They make small framed, beautiful uddered replacement females.
◊ Homozygous polled, homozygous black

From Hook Farms, MN and Schnabel Ranch, SD

GW PREMIUM BEEF 021TS
GW-WBF SUBSTANCE 820Y
GW MISS MATERNAL 588P
TRIPLE C INVASION R47K
HOOKS SHIMMER 37S

$25

ASA Reg#: 2854480

GW PREMIUM BEEF 021TS
GW MISS PREM BEEF 240Y

ASA EPDs as of 7/23/19

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SIMMENTAL
7SM93 KOCH BIG TIMBER 685D

◊ This unique Calving Ease pedigree sire can be used on many of the most popular pedigrees.
◊ BIG TIMBER is now proven for Calving Ease for use on first year calf heifers!
◊ He is backed by a super young cow family. His calves are above average muscle and correct in their structure.
◊ Homozygous polled, homozygous black

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

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7SM65 WLE UNO MAS X549

◊ The perennial Calving Ease leader for Select Sires and the industry.
◊ He sires moderate framed females with snug udders and small teats.
◊ This top registration sire, No. 7 in the breed, has female sorted semen available!
◊ Homozygous polled, heterozygous black

From Wesner Livestock Enterprises and Purdue University, IN

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Fall 2019 Purebred Simmental Breed Average EPDs

Production:
- CE: 10
- BW: 1.8
- WW: 67.8
- YW: 100.6
- MCE: 5.2
- MILK: 21.6
- MWW: 85.6
- STAY: 17.4
- DOC: 10.5

Carcass:
- CW: 28.3
- YG: -.46
- MARB: 0.01
- BF: -.11
- REA: .82
- APL: 123.77
- TI: 68.93
FULLY LOADED 39D

- One of the most exciting sires to enter our lineup this year and a must use sire for adding eye-appeal!
- FULLY LOADED is a double-digit CE prospect backed by a great maternal sire stack and is a full brother to W/C Loaded Up 1119Y.
- Look for his offspring to be square hipped, sound jointed and ultra-attractive with a splash of chrome.
- FULLY LOADED offspring are already leaving their mark on the tanbark.

**ASAP Reg#: 3131823**

**Tattoo:** DMCC 39D

**Born:** 3/11/16

**Birth Wt:** 72 lbs

**Purebred SM**

**Homo. Black/Homo. Polled**

**ASA EPDs as of 7/23/19**

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</table>

- EPD 11.7 0.8 57.9 68.2 6.3 25.9 54.8 18.1 11.4 38.6 -55 -92 -137 1.0 125.9 64.8
- Acc .44 .50 .48 .48 .45 .46 .31 .37
- % Rank 30 30 95 85 35 15 60 40

**$30**

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DECLARATION D611

- Brought in for his phenotype, pedigree and EPD profile.
- An exciting son of Executive Order out of a beautiful Uprising daughter, giving outcross potential.
- First calf reports are excellent Calving Ease and outstanding phenotype.
- Some extra white has been reported when white exists in the pedigree.
- Homozygous polled, heterozygous black

**From Grass Lunning Simmentals and Brant Farms, MN**

**Reg:** 3184099

**Tattoo:** D611

**DOB:** 3/13/16

**Purebred SM**

**Hetero. Black/Homo. Polled**

**ASA EPDs as of 7/23/19**

<table>
<thead>
<tr>
<th>CE</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MCE</th>
<th>MILK</th>
<th>MWW</th>
<th>STAY</th>
<th>DOC</th>
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- EPD 11.6 0.2 67.4 137 6.1 28.9 72.5 7.3 12.2 36.7 -43 15 -0.094 .97 126.6 87.5
- Acc .50 .62 .55 .54 .28 .40 .42 .26 .36 .53 .37 .48 .37 .42
- % Rank 30 20 15 2 1 35 5 99 30 20 70 20 80 20 45 1

**$35**
7SM96 CLRS DIVIDEND 405D

- Top selling bull from the Clear Springs/Hook 2017 bull sale.
- Check out his yearling video on the Select Sires website and see a great bull on the move!
- First calving reports are up headed, stylish calves with added hip, tops and correctness!
- He is backed by an outstanding cow family and EPD package.
- Homozygous polled, homozygous black

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

<table>
<thead>
<tr>
<th>ASA EPDs as of 7/23/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPD</td>
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<tr>
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<td></td>
</tr>
<tr>
<td>Acc</td>
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<tr>
<td>% Rank</td>
</tr>
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</table>

7SM91 TJ MAIN EVENT 503B

- MAIN EVENT is a top selling sire at Select Sires! He is destined to be one of the top registration SimAngus™ sires in the breed!
- As a young sire, he already ranks as the No. 10 sire for registrations!
- MAIN EVENT offers moderate birth weight, outstanding phenotype and therefore, a must-use-sire!
- This sire’s phenotype is popular for producing both male and female progeny. Both have been sale toppers!!
- Homozygous polled, homozygous black

From Triangle J Ranch, NE and C Diamond Ranch, ND

<table>
<thead>
<tr>
<th>ASA EPDs as of 7/23/19</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPD</td>
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</tr>
<tr>
<td>Acc</td>
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<tr>
<td>% Rank</td>
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</tbody>
</table>
**7SM97 IR IMPERIAL D948**

- An exciting red addition for Select Sires and one of the top sellers this past spring!
- If you use red, you must try IMPERIAL!
- One of the most heavily sampled young bulls in the breed.
- His reports for Calving Ease on heifers are excellent.
- A beautiful combination of outcross pedigree, industry leading EPDs, indexes and beautiful phenotype!
- Homozygous polled, non-diluter

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

**Reg:** 3210738  
**Tattoo:** D948  
**DOB:** 8/24/16  
**Purebred SM**  
**Red/Homo. Polled**  

- **BW:** 85 lbs / ET  
- **WW:** 590 lbs / ET  
- **YW:** 1176 lbs / ET

**ASA EPDs as of 7/23/19**

<table>
<thead>
<tr>
<th>EPD</th>
<th>CE</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MCE</th>
<th>MILK</th>
<th>MWW</th>
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<td>99</td>
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**7SM92 WS RED MOON D76**

- A now proven Calving Ease sire with an out cross pedigree and outstanding physical qualities.
- He was a well sampled young sire in 2017 by several discriminating breeders. Reports on his calves are outstanding!
- RED MOON can be used in a wide array of red Simmental pedigrees.
- Homozygous polled, non-diluter

From Wilkinson Simmentals, ND and Schnabel Ranch, SD

**Reg:** 3115609  
**Tattoo:** D76  
**DOB:** 2/23/16  
**Purebred SM**  
**Red/Homo. Polled**  

- **BW:** 82 lbs / ET  
- **WW:** 755 lbs / ET  
- **YW:** 1319 lbs / ET  
- **Yr. SC:** 37 cm

**ASA EPDs as of 7/23/19**

<table>
<thead>
<tr>
<th>EPD</th>
<th>CE</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MCE</th>
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<th>MWW</th>
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<th>DOC</th>
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<td>98.7</td>
<td>10.1</td>
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<td>90</td>
<td>80</td>
<td>10</td>
<td>10</td>
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</tbody>
</table>
“By including Select DTX in the bull ration for 50 days prior to our Breeding Soundness Exams, I saw dramatic improvement in the bulls’ semen tests and 10% better morphology. Select DTX and Select Sires’ mycotoxin testing will be included in our bull development protocol moving forward. It gave us a tremendous return on investment and also provided us with the assurance of satisfied bull customers.”

DARRELL KAISER
KAISER ANGUS - PARK, KS.

Beef cattle are exposed to mycotoxins everyday. Feeding rations that include mycotoxins will negatively affect performance by causing digestive upsets, erratic intakes and compromised immune systems. Seeing negative effects is hard because performance signs are sometimes hard to spot. It’s “after the fact” that we usually see poor reproductive performance from feeding animals toxins. Contact your local Select Sires representative for details.

The NEW ESTROTECT™ Breeding Indicator featuring patent pending Breeding Bullseye™ technology makes it easier than ever to identify cows that are in heat, pinpoint timing for AI and Timed AI protocols, as well as confirm successful pregnancies.

According to third-party research, when the new ESTROTECT™ Breeding Bullseye™ is rubbed off by mounting activity, cows are up to three times more likely to conceive. Not only does ESTROTECT™ with the Breeding Bullseye™ indicate when a cow is in heat, it tells you exactly when the animal should be bred to achieve optimal results.

To learn more about the new and improved ESTROTECT™ featuring the Breeding Bullseye™, visit www.ESTROTECT.com!
7AR86 BIEBER CL STOCKMARKET E119

$22

◊ An outcross pedigree with an opportunity to make multi-trait improvement and add phenotype in one package.
◊ High Calving Ease prospect that offers elite maternal value with added performance and carcass merit.
◊ He is moderate framed, long bodied with added depth of rib and excellent feet.
◊ One of the best Stockman sons to date and stems from powerful Adelle cow line.

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

<table>
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<tr>
<th>Reg:</th>
<th>3751659</th>
<th>Tattoo:</th>
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<tbody>
<tr>
<td>BW:</td>
<td>72 lbs / 85 ratio</td>
<td>WW:</td>
<td>640 lbs / 108 ratio</td>
<td>YW:</td>
<td>1203 lbs / 111 ratio</td>
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LSF SAGA 1040Y PIE STOCKMAN 4051 PIE LAKOTA 046 ANDRAS FUSION R236 BIEBER CL ADELLE 475C BIEBER ADELLE 297Y

RAAA EPDs as of 7/27/19

<table>
<thead>
<tr>
<th>EPD</th>
<th>HerdBuilder</th>
<th>GridMaster</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>ME</th>
<th>HPG</th>
<th>CEM</th>
<th>STAY</th>
<th>MARB</th>
<th>YG</th>
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<tr>
<td>% Rank</td>
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<td>3</td>
<td>6</td>
<td>5</td>
<td>91</td>
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<td>47</td>
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<td>15</td>
<td>61</td>
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7AR85 KCC EXCELLENCE 139-774

$25

◊ EXCELLENCE offers great phenotype and an elite, balanced-trait EPD profile all from an outcross pedigree.
◊ His EPD rankings are impressive: top 1 percent HerdBuilder, top 4 percent GridMaster, top 2 percent CED, top 1 percent CEM, top 24 percent MARB and top 1 percent REA!
◊ He recorded individual ratios of 85 BWR, 113 WWR, 117 YWR and 124 REAR.
◊ He is long bodied with added muscle shape, depth of rib with a more rugged design than most Red Angus sires.
◊ Merlin progeny of his quality and genetic value have been in very high demand!
◊ If you appreciate a balanced trait EPD profile and herd bull phenotype, put this next generation sire to use in your herd.

From Kneibel Farms, KS and All Beef, IL

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<tr>
<td>BW:</td>
<td>68 lbs / 85 ratio</td>
<td>WW:</td>
<td>776 lbs / 113 ratio</td>
<td>YW:</td>
<td>1339 lbs / 117 ratio</td>
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LJC MERLIN T179 LJC MERLIN 937Z TR CARRIE W937 SCHULER ENVY 7342T KCC MISS BV 2105-528

RAAA EPDs as of 7/27/19

<table>
<thead>
<tr>
<th>EPD</th>
<th>HerdBuilder</th>
<th>GridMaster</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
<th>ME</th>
<th>HPG</th>
<th>CEM</th>
<th>STAY</th>
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<td>9</td>
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</tbody>
</table>

Fall 2019 Red Angus Breed Average EPDs

Carcass: MARB: .37 YG: .10 CW: 15 REA: -.04 FAT: .02

40 | 2019 FALL SIRE DIRECTORY
ATOMIC is proving to be an excellent choice for Calving Ease, post-weaning gain and maternal value.

A nice HerdBuilder ranking along with his elite CED and BW combo make him an easy choice for heifers and building replacements.

Great mating flexibility with a little different pedigree compared to others in the Red Angus breed.

Progeny are very moderate, long-bodied, have lots of center rib, possess good foot structure and are very docile.

The ATOMIC sire group at the 2019 Bieber Fever Spring Production Sale had numerous crowd favorites and top sellers.

ATOMIC Reg#: 3474996
Tattoo: C218
Born: 2/18/15
Birth Wt: 84 lbs | ratio 94
205 Day Adj Wt: 752 lbs | ratio 118
365 Day Adj Wt: 1375 lbs | ratio 117

From CL Red Angus and Bieber Red Angus Ranch, SD

ANDRAS IN FOCUS B175
ANDRAS FUSION R236
ANDRAS BELLE B167
HUST CHIEF SEQUOYA R336
BIEBER DATELINE 308Y
BASIN ROSE 7127

ATOMIC is proving to be an excellent choice for Calving Ease, post-weaning gain and maternal value.
A nice HerdBuilder ranking along with his elite CED and BW combo make him an easy choice for heifers and building replacements.
Great mating flexibility with a little different pedigree compared to others in the Red Angus breed.
Progeny are very moderate, long-bodied, have lots of center rib, possess good foot structure and are very docile.
The ATOMIC sire group at the 2019 Bieber Fever Spring Production Sale had numerous crowd favorites and top sellers.
### 7AR88 5L **BLAZIN STEEL** 6120-81C

- **A standout from the 5L program, BLAZIN STEEL possesses Calving Ease with muscle shape in a level made, long bodied design.**
- **He wraps together foundation traits to sire great females... foot quality, loads of volume with natural width and dimension in his daughters.**
- **His young daughters are favorites in the 5L herd and an outcross to traditional pedigrees.**
- **He is a sleep all night heifer bull that you can build a cowherd with longevity around.**

**From SL Ranch, MT**

#### RAAA EPDs as of 7/27/19

<table>
<thead>
<tr>
<th>EPD</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>MILK</th>
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<td>.05</td>
<td>26</td>
<td>.17</td>
<td>.01</td>
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</tbody>
</table>

| % Rank | 73 | 6 | 1 | 8 | 27 | 28 | 88 | 14 | 10 | 3 | 97 |

**New EPDs as of 7/27/19**

### 14AR2084 5L **TOPGUN** 560-65B

- **His breed leading birth to yearling spread and carcass merit rank him in the top 10 percent of the breed for Gridmaster.**
- **This sire’s proof is very solid with a competitive performance at SL, Croissant and Solid Rock Red Angus.**
- **TOP GUN’s progeny draws attention from visitors and at sales across the country.**
- **His pedigree flexibility, balanced EPDs and value added carcass merit make him a rancher favorite!**

**From SL Ranch, MT; Croissant Red Angus and Solid Rock Red Angus, CO**

#### RAAA Reg#: 1701524

**$20**

#### RAAA EPDs as of 7/27/19

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<tr>
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</tr>
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</table>

| % Rank | 73 | 6 | 1 | 8 | 27 | 28 | 88 | 14 | 10 | 3 | 97 |

**New EPDs as of 7/27/19**

### Fall 2019 Red Angus Breed Average EPDs

- **Production:**
  - HB: 172
  - GM: 48
  - CED: 12
  - BW: -1.1
  - WW: 55
  - YW: 87
- **Maternal:**
  - MILK: 23
  - ME: 1
  - HPG: 11
  - CEM: 7
  - STAY: 16
- **Carcass:**
  - MARB: .37
  - YG: .10
  - CW: 15
  - REA: -.04
  - FAT: .02
He provides a red/black option with a focus on balance along with one of the most prominent performance cow lines in the business, the Abigrace family.

His early progeny proof displays super figures for CED and low BW and his projections for HPG, CEM and carcass merit rank him high in the breed.

His phenotype is impressive as well!

His outcross pedigree makes him a viable option for a wide variety of Red Angus seedstock.

He is a great option in your SimAngus™ mating decisions.

From 9 Mile Ranch, WA and Pieper Red Angus, NE
◊ A great, high accuracy, low birth weight bull that blends maternal profitability with great Marbling.
◊ Sires consistently good progeny and daughters are deep made with great udders and solid dispositions.
◊ Tremendous Red Angus pedigree and only a few generations away from Cherokee Canyon, Brown Vacation and the Abigrace cow family.
◊ Excellent option for commercial heifer projects that require that added level of assurance.

From Rhodes Red Angus, KS; Cedar Hill Farm, WV; R.A. Brown Ranch and Brosco Ranches, TX

### RAAA EPDs as of 7/27/19

<table>
<thead>
<tr>
<th>Trait</th>
<th>EPD</th>
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### Simple. Safe. Scientifically Proven.

**FIRST DAY FORMULA**

There is never a second chance for their first feeding. First Day Formula® is made with 100% dried bovine colostrum providing the protective benefits newborn calves need to optimize immune development and health. First Day Formula offers consistency for every calf with the research-based recommended amount of IgGs and biosecurity from transmittable diseases, as well as feeding convenience whenever timing is a factor.

To give your new born ideal colostrum replacement or to supplement maternal colostrum, **CONTACT YOUR LOCAL REPRESENTATIVE TO LEARN MORE!**
14AR2076 SCHULER REBEL 0029X

- Proven Calving Ease sire that has become the go-to standard for commercial A.I. heifer projects.
- Elite CED ranking at the top 2 percent of the breed and a top 4 percent ranking on Birth Weight makes REBEL as low risk as they come.
- With convenience built in, his track record points to a nice maternal advantage with great rankings on MILK, CEM, STAY and a top 1 percent for HerdBuilder!
- He is 99 percent Red Angus, registered 1B.

**RAAA EPDs as of 7/27/19**

<table>
<thead>
<tr>
<th>HerdBuilder</th>
<th>GridMaster</th>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
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$20

14AR2093 SCHULER SUPREMACY 7177E

- SUPREMACY is a young sire and well on his way with a with very attractive, well-built phenotype, powerful GridMaster index and an exceptional HerdBuilder ranking.
- His elite CED, low birth and solid Yearling Weight make him a go-to for matings on heifers when performance is still needed.
- Expect great things maternally with high Heifer Pregnancy, and top 1 percent Calving Ease Maternal and a great ranking for Stayability.
- Unrelated pedigree gives a lot of matting flexibility for this easy-to-use sire.

**RAAA EPDs as of 7/27/19**

<table>
<thead>
<tr>
<th>HerdBuilder</th>
<th>GridMaster</th>
<th>CED</th>
<th>BW</th>
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<td>20</td>
<td>44</td>
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<td>28</td>
<td>61</td>
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</table>
Elite growth and carcass merit in one complete package.
- Ranks in the top 5 percent of breed for both HerdBuilder and GridMaster indexes and top 3 percent of breed for Marbling and Rib Eye Area.
- If you appreciate a balanced trait EPD profile, and herd bull phenotype, put this next generation sire to use in your herd.
- Pledge sons have been in high demand as herd sires that offer unprecedented performance, power and dimension.
- Dawson is an absolute standout in his attractive design with great shape, eye-appeal and impressive build.

**14AR2092 HXC DAWSON 7003E**

- **RAAA Reg#:** 3816299
- **Tattoo:** 7003E
- **Born:** 1/23/17
- **Birth Wt:** 76 lbs | ratio 99
  - 205 Day Adj Wt: 709 lbs | ratio 112
  - 365 Day Adj Wt: 1486 lbs | ratio 107
- **Acc:** .41 .49 .46 .46 .41 0 .21 .24 .23 .40 .33 .44 .41 .32
- **% Rank:** 4 2 42 39 7 3 49 32 14 31 23 3 71 1 3 80

An excellent choice if you are looking to add body length and dimension while maintaining excellent growth and phenotype.
- Ranks in the top 11 percent of breed for both WW and YW, and top 14 percent for Marbling.
- Spartacus is known for his excellent disposition and passing it on to his progeny.
- Sons and daughters have performed and sold well in the Bieber Red Angus program.

**14AR2073 BIEBER SPARTACUS A193**

- **RAAA Reg#:** 1617230
- **Tattoo:** A193
- **Born:** 3/5/13
- **Birth Wt:** 80 lbs | ratio 92
  - 205 Day Adj Wt: 613 lbs | ratio 100
  - 365 Day Adj Wt: 1273 lbs | ratio 109
- **Acc:** .72 .90 .87 .87 .63 .41 .31 .58 .56 .33 .58 .44 .55 .37 .45
- **% Rank:** 17 23 35 18 8 11 60 72 38 4 34 14 86 11 37 80
294AR338 RED DKF RACER 8E

◊ Offers Red Angus breeders an outcross pedigree with flawless structure and type.
◊ Built on a stout foundation, RACER is as deep as they come and near perfect in his stride, moving out with power and correctness.
◊ RACER is backed by a very productive two-year-old dam and powerful grandam.
◊ If you are looking for a young sire to add style and performance to your herd, RACER is your option!
◊ RACER is one of the most winning bulls in Canada, selected as Grand Champion bull at both the 2018 Edmonton Farmfair and Canadian Agribition.
◊ Available in the U.S. and Canada only.

From DKF Angus, SK and Shiloh Cattle Co., AB

<table>
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<th>BW: 78 lbs / 102 ratio</th>
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<td>RED DKF RAZOR 55C</td>
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<td>RED DKF MISS NET WORTH 21A</td>
<td>RED SOO LINE POWER EYE 161X</td>
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<tr>
<td>RED DKFE MISS ACE 84C</td>
<td>RED BLU DAWN MISS ILLICIT 35</td>
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RAAA EPDs as of 7/27/19

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7AR73 PIE CINCH 4126

◊ CINCH has cemented his place in the Red Angus breed for siring consistently good cattle that have a ton of middle body, great feet and solid dispositions.
◊ He has the great ability to bring eye-appeal with stoutness and dimension, added muscle and a well-balanced look to all his progeny.
◊ Ranking in the top 7 percent for WW and top 9 percent for YW make him the performance maker with that extra look.
◊ At his current age, CINCH maintains an athletic appearance, with plenty of flesh and that stunning herd bull look regardless of conditions.

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

<table>
<thead>
<tr>
<th>BW: 76 lbs / 93 ratio</th>
<th>WW: 769 lbs / 116 ratio</th>
<th>YW: 1418 lbs / 117 ratio</th>
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<td>BECKTON EPIC R397 K</td>
<td>LSF SAGA 1040Y</td>
<td>LSF MINOLA T7172 W9041</td>
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<td>LSF CONQUEST 4405P</td>
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RAAA EPDs as of 7/27/19

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Fall 2019 Red Angus Breed Average EPDs

Carcass: MARB: .37 YG: .10 CW: 15 REA: -.04 FAT: .02
7HP113 Boyd FT Knox 17Y XZ5 4040

◊ A favorite due to his ability to add body dimension and keep frame under control.
◊ A FT Knox son sold for $55,000 this spring at NJW Herefords in Wyo.
◊ Great maternal offering — improves CED, Udders, MCE and reduces MCW.
◊ Moderate, dark red, wide-based and backed by strong females.

From Boyd Beef Cattle and Dale Stith, KY

Reg: 43472233
Tattoo: 4040
DOB: 1/25/14
Hetero. Polled
A.I. Permitted

TH 121L 63N TUNDRA 16S
TH 22R 165 LAMBEAU 17Y
TH 122 711 VICTOR 711
TH 133U 719T UPGRADE 69X

TH 62N 3L KELSEY 22R
BOYD WORLDWIDE 9050 ET
DOSS MY EYES ADORE U DHZ5
DHF COVER GIRL C902

BW: 64 lbs / 88 ratio
WW: 685 lbs / 127 ratio
YW: 1216 lbs / 117 ratio
Yr. SC: 36 cm

Reg: 43101191
Tattoo: 3X
DOB: 1/16/10
Polled
Non-Certificate A.I. Sire

DRF JWR PRINCE VICTOR 711
TH 122 711 VICTOR 711
KBCR 19D DOMINETTE 122
TH 75I 44M LEGEACY 103R

NJW M326 UNFORGETTABLE 76W ET
NJW P606 72N DAYDREAM 73S

AHA EPDs as of 7/1/19

<table>
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<tr>
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<td>1.3</td>
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7HP107 TH 49U 719T Sheyenne 3X

◊ There is still semen available on this special Calving Ease bull!
◊ A proven trait leader for nine traits
◊ Excels for CED, udder traits and Marbling
◊ One of the truly unique Hereford bulls of the past decade.

From Topp Herefords, ND

Reg: 43101191
Tattoo: 3X
DOB: 1/16/10
Polled
Non-Certificate A.I. Sire

$25

7HP116 Mohican THM Exceede Z426

◊ Combines Calving Ease, above-average growth and incredible index values
◊ Leads the breed as a trait leader for 10 traits
◊ His daughters in production are sweethearts, feminine, balanced, big-bodied and good-udderred.
◊ Use to add longevity and high-production females to your program.

From Mead Cattle, GA

Reg: 43292949
Tattoo: Z426A
DOB: 4/24/12
Homo. Polled
A.I. Permitted

$20

Fall 2019 Hereford Breed Average EPDs

Production: CED: 1.9 BW: 3.0 WW: 52 YW: 84 MILK: 24 M&G: 50 MCE: 1.6 MCW: 89 UDDR: 1.2 TEAT: 1.2 SC: .9

7HP107 TH 49U 719T SHEYENNE 3X

PROOF POSITIVE

7HP116 MOHICAN THM EXCEDE Z426

PROOF POSITIVE
7HP120 BEHM 100W CUDA 504C

◊ One of the best Hereford sires in recent times to combine so much together into a powerful breeding package.
◊ CUDA’s elite EPD profile ranking places him in the top 5 percent of the breed for 10 different traits and posts an incredible CHB Index!
◊ Beyond his data, he is a powerfully made bull that is stout built and rugged in his design.

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

Reg: 43636764
Tattoo: BEHM504C
DOB: 3/4/15
Polled
A.I. Permitted

KCF BENNETT 3008 M326
NJW 715 M326 TRUST 100W ET
NJW P606 22N DAYDREAM 73S
KCF BENNETT 9126L R294
BEHM R294 JASMAN102Y
CPH MC WRANGLER 1W

7HH58 CL 1 DOMINO 215Z

◊ Unique line 1 horned sire that offers tremendous performance being at the very top of the breed for both Weaning Weight and Yearling Weight EPDs.
◊ His elite Marbling ranking will raise the bar for quality grade and makes him very intriguing when combined with his growth rankings and Carcass Weight EPD.
◊ Offers a great combination of phenotype, performance and end-product value.

From B&D Herefords, KS and Cooper Hereford Ranch, MT

Reg: 43266007
Tattoo: 215
DOB: 1/8/12
Horned
A.I. Permitted

CL 1 DOMINO 732T
CL 1 DOMINO 9122W 1ET
CL 1 DOMINETTE 055X
CL 1 DOMINETTE 475P
CL 1 DOMINO 860U
CL 1 DOMINETTE 7136T 1ET

7HP119 SHF EVERSTONE Z311 E156

◊ Big time performance with huge Marbling rankings in an unrelated pedigree make EVERSTONE an easy option where quality pounds matter.
◊ EVERSTONE ranks in the top 5 percent or better for WW, YW, SC, CW, MARB and CHB$ while still being in the top 30 percent for CE and moderate birth weight.
◊ He rose above his contemporaries with ratios of 100 BW, 115 WW, 101 YW, 5.9 FS, 113 MARB and 104 REA from the well known Sandhill Farms program.

From Sandhill Farms, KS and Monahan Cattle Co., NE

Reg: 43793570
Tattoo: E156
DOB: 2/16/17
Homo. Polled
A.I. Permitted

KCF BENNETT ENCORE Z311 ET
KCF MISS REVOLUTION Z338 ET
SHF TUG R117 T75
SHF LACY T57 Z49
SHF PROGRESS P20 U16 ET

Hereford Fall 2019 Breed Average EPDs

Production:
CED: 1.9
BW: 3.0
WW: 52
YW: 84
MILK: 24
M&G: 90
MCE: 1.2
MCW: 89
UDDER: 1.2
TEAT: 1.2
SC: 9
Carcass:
CW: 66
FAT: .010
REA: .38
MARB: 10
BMHS: 312
BIHS: 379
CHBS: 102
**14HP1043 HUTH FTF TORQUE C002**

- **Tattoo:** HUTHC002
- **Reg:** 43594696
- **Born:** 4/11/15
- **Birth Wt:** 83 lbs | ratio 97
- **205 Day Adj Wt:** 747 lbs | ratio 117
- **365 Day Adj Wt:** 1277 lbs | ratio 107
- **Yr Scrtl Circum:** 40 cm
- **Homo. Polled
- **A.I. Permitted

- Combines high growth, powerful phenotype and super end-product projections
- Goggle-eyed and red-necked, TORQUE offers genetics for more pounds and more muscle.
- A trait leader for 10 traits including growth and udder traits and every profit ($) index.
- His pedigree is stacked with four generations of Dams of Distinction.

**AHA EPDs as of 7/1/19**

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**$20**

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**14HP1044 SHF ECLIPSE Z116 E165**

- **Tattoo:** E156
- **Reg:** 43793579
- **Born:** 2/17/17
- **Birth Wt:** 78 lbs | ratio 91
- **205 Day Adj Wt:** 673 lbs | ratio 98
- **365 Day Adj Wt:** 1192 lbs | ratio 102
- **Yr Scrtl Circum:** 36 cm
- **Homo. Polled
- **A.I. Permitted

- Born small, ECLIPSE grew fast against a strong set of contemporaries.
- Moderate for size with a balanced look and more muscle and rib than average
- Backed by two proven Sandhill Farms performance sires, Zane and Wonder.
- Excellent Calving Ease prospect with plenty of extras.

**AHA EPDs as of 7/1/19**

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**$18**

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**7HP115 TH 409A 475Z DUE NORTH 361C ET**

- **Reg:** 43599693
- **Tattoo:** 361C
- **DOB:** 11/14/15
- **Hetero. Polled
- **A.I. Permitted

- DUE NORTH is an amazing bull with soundness, depth, and excellent foot and leg design.
- On the move, he’s one of the most impressive bulls, of any breed, in our program.
- Combines two highly recognized bulls known for their ability to sire great cows.
- Use to improve fleshing ability, tone down frame size and generate impressive females.

From Topp Herefords, ND

**AHA EPDs as of 7/1/19**

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**$20**
He is best described as moderate framed, square made, soft bodied with good feet and sound structure.

One of the best in the breed in terms of blending good looks and good numbers.

SMALL TOWN KID brings a whole lot of look to the table with balanced performance to boot!

Modest Calving Ease with excellent maternal value.

Will make moderate framed, easy fleshing cattle with shape and dimension.

Great rankings within the breed for maternal traits including Sustained Cow Fertility, Udder Suspension and BMI index.
7CH96 LT **AFFINITY** 6221 PLD  
M880381 | Hetero. Polled | Rushmore x Winn Mans Lanza | $35 A.I. Signing Fee

- **CEP** 11.4 -3.4 34 69 18 28 .77 .033 .08 217.52
- **Accuracy** .70 .86 .74 .71 .27 .27 .26 .23 .20
- **Rank** 10 5 35 25 10 15 25 95 55 20

---

7CH95 FTJ **CASCADE** 1508  
M868134 | Homo. Polled | Blue Value x Silver Distance

- **CEP** 6.2 -0.2 42 74 12 25 .68 .013 .21 220.62
- **Accuracy** .43 .65 .48 .39 .25 .25 .22 .21
- **Rank** 45 35 15 15 35 20 40 80 15 15

---

7SP34 JSF **GOLDENROD** 57U  
414292 | Javelin x Gold Element

- **CEP** 12 -2.5 44 69 30 -10 -.28 -.11 -.14 120.48
- **Accuracy** .57 .78 .71 .70 .58 .56 .51 .34 .47
- **Rank** 20 5 85 70 1 30 95 30 80 50

---

7SP33 JSF **GAUGE** 137W  
4164807 | Tsunami x Duplicator

- **CEP** 13 -1.3 50 63 32 -35 -.23 -.01 .28 144.98
- **Accuracy** .66 .85 .80 .80 .67 .69 .62 .49 .53
- **Rank** 15 10 55 85 1 95 95 95 2 5

---

7CA11 FAIR **LUCKY** 1A  
369512 | Crossbred | Man Among Boys x Doctor Who

- **CEP** 10 -0.7 43 65 19 21 .61 .022 .03 194.68
- **Accuracy** .30 .58 .39 .36 .25 .27 .24 .21 .19
- **Rank** 50 40 10 10 95 80 80 80 40 40

---

7MA11 GMAF **80 PROOF** 148Y  
424880 | Maine-Anjou | I-80 x Irish Whiskey

- **CEP** 10 -2.2 41 62 18 22 .55 .024 .03 196.52
- **Accuracy** .46 .71 .60 .59 .40 .42 .39 .26 .23
- **Rank** 60 50 15 15 60 45 40 40 30 30

---

**EPD's as of 8/5/19**
**7BR5 MR BROKEN**

**TRIANGLE 319**

*930928 | Payaso x Triangle 403*

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% Rank
- BW: 41
- WW: 88
- YW: 66
- MILK: 40
- CWT: 67
- MARB: 11
- REA: 99
- FAT: 68

**Price:** $20


---

**7BR528 TTT SUVA**

**GUS ECHO 760**

*916490 | Lair Manso x Martin Manso*

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% Rank
- BW: 86
- WW: 18
- YW: 14
- MILK: 8
- CWT: 9
- MARB: 51
- REA: 9
- FAT: 49

**Price:** $20


---

**7BN7 BWCC**

**CRUISE 10783**

*R10293457 | Purebred | Cruise 889228 x Rock Star*

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% Rank
- CED: 30
- BW: 15

**Price:** $25


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**7BR5 TRIO’S BALCO**

**ZOLTAR 175Z2**

*RR10222922 | Statesmen x Red Top*

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% Rank
- CED: 30

**Price:** $20


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**7KB2 OCD YOJIMBO**

**EMORI 41713**

*FB27657 | Purebred | Yojimbo x Hirashigetayasu*

**Price:** $30


---

**7KB1 OCD 30T**

**SEIJI 38668**

*FB25266 | Purebred | Shigeshigetani x Hirashige 170P*

**Price:** $30
**HEAT DETECTION**

1 Shot PG

- Heat detect & AI

7-day CIDR®-PG

- Heat detect & AI

**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.

14-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.

---

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 use in 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 9-25-2019.
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** Available in Fall of 2019

** Available in Canada ONLY
EXPECTED PROGENY DIFFERENCES

Terminology

EXPECTED PROGENY DIFFERENCE (EPD) - The expected difference in performance of a bull’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 mean the EPD is a more reliable estimate of a sire’s true genetic value for the trait.

Proof Positive (PP) - Bulls that are .85 or higher accuracy for Birth Weight EPD.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

CARCASS TRAITS – EPDs for carcass traits are calculated using weighted averages of yearling ultrasound and progeny carcass data.

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

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

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

Fat (FAT) - The EPD predicts the difference in fat thickness of carcasses, measured between the 12th and 13th ribs, of a bull’s progeny compared to progeny of another bull. Reported in inches, lower values are desirable.

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

ANGUS:

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

Maternal Weaned Calf Value ($M) - an index, expressed in dollars per head, predicts profitability differences from conception to weaning with the underlying breeding objective assuming that individuals retain their own replacement females within herd and sell the rest of 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.

Weaned Calf Value ($W) - an index value expressed in dollars per head, is the expected average difference in future progeny performance for preweaning 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, hat blends both maternal and terminal indexes using information and relationships from 14 different traits.

Certified Angus Beef - **Certified Angus Beef and CAB are registered trademarks of Certified Angus Beef LLC.

SIMMENTAL:

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

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

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

RED ANGUS:

HerdBuilder Index (HB) - As the name indicates, implementation of the HerdBuilder Index will assist producers in building profitable herds. The HerdBuilder Index is built using the following production scenario: Red Angus bulls mated to cows and heifers (resulting progeny ½ 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 bulls mated to cows (resulting progeny ¾ Red Angus, ¼ Simmental) and all progeny sold on a quality-based carcass grid.

HEREFORD:

Baldy Maternal Index (BMI$) - This is an index to maximize profit for commercial cow-calf producers who use Hereford bulls 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 CHB pricing grid.

Certified Hereford Beef Index (CHB$) - This is a terminal sire index, where Hereford bulls 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.
THE LEADER in PEOPLE POWER

At Select Sires, YOUR SUCCESS IS OUR PASSION.

We’re proud of our people and their expertise in delivering the best service in the A.I. industry to you, our customers.

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Please contact the Beef Specialist in your region to locate your local sales representative, order semen, request service and all questions beef related!

Locate your Beef Specialist using the map on the next page.