THE 45TH ANNUAL BULL & FEMALE SALE
STANLEY STOUT CENTER | MARCH 4, 2022 | 4 P.M.

K Legacy
SALE
Thank You

Gardiner Angus Ranch, Mark Gardiner
Thomas Angus Ranch, Rob and Lori Thomas
Jensen Bros., Kevin and Sheila Jensen
Perez Cattle Co., Kyle Perez
Werk Herefords, Shane & Ashlie Werk
Colyer Herefords, Guy, Sherry, Kyle and Katie Colyer
Rockin K Productions, Kent Jaecke
Mrs. Joyce Hale Family, Cedar Creek Ranch
Cross Country Genetics North Inc., Dr. Clay Breiner, Dr. Kirk Gray and Dr. Joel Anderson
Triple C Manufacturing
CCI, Darla Aegerter • GeneSeek, Rick Pfortmiller
Genex, Cody Sankey
Select Sires, Lorna Marshall and Brian House
STgenetics, Aaron Arnett
Roto-Mix LLC
Dr. David Grieger and Ashley Hartman
Blueville Nursery
Schuler Manufacturing Co.
Gallagher North America
Livestock Sales Management Class Speakers: Mark Gardiner, Bernard Irvine, Kent Jaecke, Kevin Jensen,
John McCurry, Matt Perrier, Melissa Grimmel Schaake and Kevin Schultz
K-State Stocker Unit, Dr. Dale Blasi and Bill Hollenbeck
K-State Cow Calf Unit, Dr. KC Olson and Jack Lemmon
K-State Veterinary Medical Teaching Hospital, Dr. Shaun Huser and staff
K-State Beef Cattle Research Center, Dr. Jim Drouillard, Ross Thorn and staff
Kansas Artificial Breeding Services Unit, Dr. Tom Taul and staff
K-State ASI Staff: Angie Denton, Lois Schreiner and Tim Carson
Purebred Unit Employees: Wesley Denton, Norman Highfill, Jessica Jensen, Christian Magana,
Colton Miller, Gus Quillin, Daniel Rohrbaugh and Isaac Wingert

MARK YOUR CALENDARS FOR NEXT YEAR’S LEGACY SALE:
MARCH 3, 2023

The Legacy Sale • asi.ksu.edu/bullsale
March 4, 2022 • 4 p.m. CST
KSU Stanley Stout Center
2200 Denison Ave.
Manhattan, Kansas

THURSDAY, MARCH 3

10 a.m. Cattle on display
Purebred Beef Barn Headquarters
2200 Denison Ave, Manhattan, Kansas

FRIDAY, MARCH 4

11 a.m. Cattle on display
Stanley Stout Center

4 p.m. 45th Annual Legacy Sale
Stanley Stout Center

We will be following the K-State COVID-19 protocols at the time of the event.
2021-2022 Livestock Sales Management Class – Sitting (l to r) are: Faye Smith, Walton, KS; Amelia Schatz, Le Center, MN; Sydney Garrett, Osceola, IA; Sydnee Shive, Mount Hope, KS; Taylor Chin, Hillsborough, NJ; Serena Schotanus, Tipton, CA; and Callie Hoobler, Horton, KS. Standing (l to r) are: Kalen Dressler, Lawrence, KS; Grace Neal, Cedar Point, KS, Lindsey Whitten, Wathena, KS; Jessica Ambrosier, Norton, KS; Logan Cox, Plains, KS; Gage Cleaver, Iola, KS; Dane Scheetz, Oakley, KS; Brandon Vacura, Norton, KS; Collin Werth, Hays, KS; Carter Minson, Wakeeney, KS; Kris Wagner, Satanta, KS; Halle Schindler, Paola, KS; and Cassidy Cage, Muleshoe, TX. Not pictured: Taylor Dieball, Little River, KS; Ben Jensen, Courtland, KS; and Caden McAfee, Valley Falls, KS.
Dear Friends,

On behalf of the K-State Livestock Sales Management class and the Department of Animal Sciences and Industry, welcome to the 45th Annual Bull & Female Sale! Plan to join us as we celebrate 45 years of commitment to students and beef producers.

For more than four decades, our commitment to our customers has been to provide cattle that are profitable in a variety of situations.

With that being said, we are really excited for this year’s offering. The bulls are the deepest and highest quality group we have had here in several years. We would love to show you the cattle anytime that is convenient for you between now and sale day. Please watch the website or our Facebook page for updates when sale videos are available online. This year the sale will be broadcasted on CCI.live, and that is a great option if you feel more comfortable with that format.

As a department, we take great pride in our university, our cattle and especially our students. We encourage you to get to know this group of future beef industry leaders as you browse the pens on sale day. Thanks for taking the time to look through this catalog. We strive for customer satisfaction before and after the sale and we are confident that we can help you find cattle that will add profit to your operation.

Feel free to contact us or stop by at any time. We look forward to seeing you March 4th.

Sincerely,

Mike Day

Dave Nichols
785-317-4994

Shane Werk
785-565-1881
SALE HEADQUARTERS
K-State Stanley Stout Center, 2200 Denison Avenue, Manhattan, Kansas
Sale Day Phone: 785-532-2100

SALE MANAGER
2021-22 K-State Livestock Sales Management Class

SALE DAY PHONE NUMBERS
Black ................................................................. 785-532-2100
Shane Werk ....................................................... 785-565-1881
Dave Nichols ..................................................... 785-317-4994

HONORED GUESTS
Dr. Ernie Minton, Dean, College of Agriculture
Dr. Dan Moser, Associate Dean, College of Agriculture

ASSOCIATION REPRESENTATIVES
Jeff Mafi, Regional Manager, American Angus Association
Clint Woodrow, President, Kansas Angus Association
Nathan Staab, President, Kansas Hereford Association
Kelli Cox, President, Kansas Simmental Association

SALE STAFF
Col. Sonny Booth, Auctioneer .................................. 918-533-5587
Guy Peverly, The Stock Exchange .......................... 785-456-4390
Stephen Russell, Kansas Stockman ........................ 785-458-2850
Kent Jaecke, Rockin’ K Productions ......................... 405-408-2440
Adam Conover, Angus Journal/Angus Beef Bulletin..... 816-676-8560

TERMS AND CONDITIONS
The terms of the sale are cash unless prior arrangements have been made.
Animals will be sold to the highest bidder with the auctioneer settling any disputes.
Announcements made at the sale by the sales staff and/or the auctioneer will take precedence over statements in the catalog.

REGISTRATION AND TRANSFER
Registration certificates will be transferred to the buyer at the seller’s expense.
Buyers must give the clerk complete name, address and association information for making transfers.

ABSENTEE BIDS
Absentee bids by persons unable to attend the sale may be placed by phone or mail with the sale management, publication representatives or the auctioneer.
You may also call the sale day phone, or any of the agents listed above, to place your bid.

ANIMAL INFORMATION
Animals are permanently identified by tattoo in both ears.

BREEDING STATUS
Information was collected with the assistance of K-State Veterinary Medicine Teaching Hospital faculty in February 2022.

HERD HEALTH
The health of the cattle is excellent. All cattle in the offering will meet the health regulations of the state of Kansas and appropriate health papers for interstate shipment will be furnished. Cattle were vaccinated with Boehringer Ingelheim Pyramid 5 + Presponse at turnout and weaning. Calves were vaccinated for clostridials and pinkeye with Alpha at turnout and for clostridials at weaning with Vision 7. Calves were treated with an ivermectin pour-on to control internal and external parasites. Bulls will receive a prebreeding vaccination. All bulls will be evaluated using a breeding soundness exam conducted by personnel at the Kansas Artificial Breeding Service Unit (KABSU). Mature females in the sale will be checked and sell pregnant unless otherwise stated in the catalog or on sale day.

BREEDING GUARANTEE
Bulls and females are guaranteed to be breeders except for:
I. Injury or disease occurring to the animal after the purchase.
II. Gross negligence or willful misconduct by the purchaser.
Please contact Shane Werk at 785-565-1881 immediately if any issue arises.

DELIVERY AND MANAGEMENT
To your advantage, animals that are taken home sale day will be given $50 off the purchase price of the lot. If you choose to leave your purchase at K-State after the sale, we strongly recommend you insure your purchase. K-State cannot be held liable for injury or death to that animal after the sale. Animals kept after March 20, 2022, will incur charges of $3 per day for feed. Kansas State will deliver your purchase for $4 per loaded mile. Contact Shane Werk with questions or for arrangements at 785-565-1881.

ANIMAL AND SEMEN INTEREST
K-State is keeping semen interest and revenue sharing rights on all sale bulls. K-State is selling full possession, full salvage value and 75% semen interest on all bulls. K-State reserves the right to collect semen at our cost and at your convenience for artificial insemination purposes. K-State reserves the right to flush any cow two times or a minimum of 6 transferable embryos per flush; sire of our choice and flush at our expense. Visit with Shane Werk for details.

INSURANCE
Livestock insurance will be available and is strongly encouraged for those buyers that will not be taking their purchases home on sale day.

LIABILITY
All persons who attend the sale do so at their own risk. Neither the sale management, Kansas State University, nor any person connected with the sale assumes any liability, legal or otherwise, for accidents or loss of property.
**SPECIAL REQUIREMENTS**

Kansas State University is committed to making its services, activities, and programs accessible to all participants. If you have special requirements due to a physical, vision, or hearing disability, contact Dave Nichols, 785-317-4994.

**INDIVIDUAL ANIMAL INFORMATION**

All performance information in this catalog is correct to the best of our knowledge. Data was pulled from the respective breed associations on January 24, 2022. All measures are adjusted by age according to each individual breed association. Updated performance, breeding, ultrasound and DNA information will be available in the form of a supplement sheet on the Internet and on sale day. All sale cattle that trace to carrier animals have been tested free of Idiopathic Epilepsy (IE), Arthrogryposis Multiplex (AM), Neurogenic Hydrocephalus (NH), Contractual Arachnodactyly (CA), and Maple Syrup Urine Disease (MSUD). Potential DD carriers are noted on individual lots with a DDP notation.

**Expected Progeny Difference (EPD)** is the prediction of how future progeny are expected to perform relative to the progeny of other sires listed in the database. EPDs are expressed in units of measure for the trait, plus or minus. EPDs are the best overall prediction of differences in progeny performance and are useful tools that aid in selection; however, EPDs DO NOT PREDICT an actual level of performance. For example, a bull with a BW EPD of +3.0 should sire calves that average approximately two pounds heavier than a bull with a BW EPD of +1.0. The actual weights of the calves in the progeny groups will depend upon environmental factors. EPDs can be used to compare cattle within a breed but CANNOT be used to compare cattle of different breeds. To make across-breed comparisons, EPDs must be adjusted to a common base. A helpful Excel worksheet: bit.ly/KSUEPDS.

**EXPLANATION OF COMMON EPDS**

**Calving Ease Direct (CE or CED)** is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers.

**Birth Weight EPD (BW)**, expressed in pounds, is a predictor of a sire's ability to transmit birth weight to his progeny.

**Weaning Weight EPD (WW)**, expressed in pounds, is a predictor of a sire's ability to transmit weaning growth to his progeny.

**Yearling Weight EPD (YW)**, expressed in pounds, is a predictor of a sire's ability to transmit yearling growth to his progeny.

**Scrotal Circumference EPD (SC)**, expressed in centimeters, is a predictor of a sire's ability to transmit scrotal size to his progeny.

**Calving Ease Maternal (CEM or MCE)** is an indicator of the genetic merit of a sire's daughter to calve unassisted. It is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf daughters.

**Maternal Milk EPD (Milk or MM)** is a predictor of sire's daughter's genetic merit for maternal weaning weight influenced by milk production and mothering ability as expressed in his daughters. The trait is measured in pounds of weaning weight.

**Intramuscular Fat EPD (IMF)** is a predictor of the difference in a sire's progeny for percent intramuscular fat in the ribeye muscle.

**Ribeye Area EPD (REA or RE)** is a predictor of the difference in square inches of ribeye area of a sire's progeny. Actual carcass and ultrasound data are used in calculation of REA EPD.

**Fat Thickness EPD (FAT or BF)**, expressed in inches, is a predictor of the difference in fat thickness at the 12th rib of a sire's progeny. Actual carcass and ultrasound data are used in calculation of FAT EPD.

**Marbling (MARB or MRB)** is used to determine USDA quality grade. Marbling is reported in fractions of a marbling grade. A +1.0 MARB EPD would be one full marbling grade higher (think the difference between Small 00 and Modest 00) than a sire with a MARB EPD of 0.00. The marbling EPD represents the relative difference in the average marbling between progeny groups.

**Carcass Weight (CW or CWT)** is an indicator of the differences in genetic potential between sires for their ability to produce pounds of carcass weight.

**Dry Matter Intake (DMI)** is a genetic predictor of feed requirements of growing animals. It is associated with differences in feed costs and is measured in pounds of dry matter intake per day.

**Docility (DOC)** is a measure of the temperament of animals and is reported as the additional percentage of animals that fall in the two most docile scoring categories. More positive values indicate sires that produce more docile animals.

**ANGUS $VALUE INDEXES**

$Value indexes are multi-trait selection indexes to assist beef producers by adding simplicity to genetic selection decisions. $Values are reported in dollars per head, where a higher value is more favorable. The $Value is an estimate of how future progeny of each sire are expected to perform, on average, compared to progeny of other sires in the database if the sires were randomly mated to cows and if calves were exposed to the same environment.

**Cow Energy Value ($EN)**, expressed in dollar savings per cow per year, assesses differences in cow energy requirements as an expected dollar savings difference in daughters of sires. A larger value is more favorable when comparing two animals (more dollars saved on feed energy expenses).

**Weaned Calf Value ($W)**, expressed in dollars per head, is the expected average difference in future progeny performance for pre-weaning merit. SW includes both revenue and cost adjustments associated with differences in birth weight, weaning direct growth, maternal milk and mature cow size.

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

**Grid Value ($G)**, expressed in dollars per head, is the expected average difference in future progeny performance for carcass grid merit compared to progeny of other sires. It may be the best carcass decision tool for focusing on quality and red meat yield simultaneously.

**Beef Value ($B)**, expressed in dollars per head, is the expected average difference in future progeny performance for carcass grid merit compared to progeny of other sires.

**Maternal Weaned Calf Value ($SM)**, 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.

**Combined Value ($C)**, expressed in dollars per head, which includes all traits that make up both Maternal Weaned Calf Value ($SM) and Beef Value ($B) with the objective that commercial producers will replace 20% of their breeding females per year with replacement heifers retained within their own herd. The remaining cull heifer and steer progeny are then assumed to be sent to the feedlot where the producers retain ownership of those cattle and sell them on a quality-based carcass merit grid.
GENERAL INFORMATION

HEREFORD $VALUE INDEXES

Baldy Maternal Index ($BMI), used for selecting Hereford bulls to use on Angus-cross cows and heifers, when replacement heifers will be raised. Retained ownership of steers and cull heifers through the feedlot phase is assumed, with fed cattle marketed on a Certified Hereford Beef (CHB) program grid.

Brahman Influenced Index ($BII), is similar to $BMI, except Hereford bulls are used in a rotational crossbreeding system with Brahman, rather than Angus.

Certified Hereford Beef Index ($CHB), a terminal sire index, when Hereford bulls are mated to British-cross cows, and all offspring are sold as fed cattle on a CHB grid.

SIMMENTAL EPDS AND $VALUE INDEXES

Stayability (Stay), is expressed as the additional percentage of a sire’s daughters that remain in the herd to six years of age. It is an indicator of sustained fertility and longevity of cows.

All-Purpose Index (API), evaluates sires being bred to both first-calf heifers and mature cows with a portion of their daughters being retained for breeding and the cull heifers and steers are fed out. This index includes both production models and maternal values to form an all-inclusive selection tool.

Terminal Index (TI), designed for evaluating sires’ economic merit in situations where they are bred to mature cows and all offspring go to the feedlot. Consequently, maternal traits such as maternal calving ease, maternal weaning weight and female fertility are not considered in the index.

ANGUS AVERAGE EPDS

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<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>CEM</th>
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HEREFORD AVERAGE EPDS

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SIMMENTAL AVERAGE EPDS

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SELECT WITH CONFIDENCE:
LEVERAGING THE POWER OF GENOMICS

We recognize that our customers seek out different genetic packages from our offering to work in their unique production circumstance. We also know that there are a variety of traits that contribute to profit of beef producers. It is this breadth of need that motivates us to collect a wide range of phenotypic data. Our job as a seedstock producer is to collect accurate and reliable information to inform selection tools like EPDs and indexes.

Genomic tools provide additional information regarding an animal’s genetic merit and add a substantial improvement in EPD accuracy for young animals. While accuracy improvement for conventional growth and carcass traits is valuable, improvements in the accuracy of EPD for traits like heifer pregnancy, stayability, calving ease, and maternal traits where non-parents won’t have a performance record, may prove to be of even higher value. Current DNA genotyping yields increases in EPD accuracy equivalent to the animal having approximately 10-30 progeny with data recorded. With our use of genomic tools, commercial producers can purchase bulls with EPD accuracies roughly equal to those of bulls that have had all the available traits recorded for their first calf crop.

All sale bulls and feature heifer lots have been genotyped through their respective breed associations.

Know that you can buy with confidence at the Legacy Sale. Our dedication to performance testing and adoption of genomic tools assures you, our customer, of the most accurate, science-based genetic predictions available in the marketplace today.

Angus GS

GGPuLD

AHA GE EPD

The Legacy Sale • asi.ksu.edu/bullsale
CATTLEMEN’S DAY 2022
March 4, 2022 • Weber Hall

8 a.m.  Trade Show and Educational Exhibits

9:30 a.m. Welcome & Department Update
Mike Day, KSU ASI department head

K-State Beef Research Roundup
An update of research highlights featuring cow-calf and range management; stocker, growing and backgrounding; feedlot and ruminant nutrition; and meat science and muscle biology.
KSU ASI Faculty: KC Olson, Dale Blasi, Jim Drouillard and Michael Chao

Beef Industry Economic Outlook
Glynn Tonsor, K-State Agriculture Economics

Noon  Lunch — Weber Arena

1:30 p.m.  AFTERNOON SESSIONS
Weber 111  Reproductive Research Updates
Sandy Johnson, KSU ASI Extension beef specialist
David Grieger, KSU ASI reproductive physiologist

Weber 123  What’s Up With the Weather (extremes and outlook)
Jeff Basara, University of Oklahoma School of Meteorology

Weber 146  Meat Alternatives, Taste Testing and Consumer Acceptance
Lane Eggers, KSU ASI Extension meat science associate

2:30 p.m.  Weber 111  Question-and-Answer Session: All Things Reproduction

Weber 123  Rules of the Road for Kansas Farmers and Ranchers
Kansas Highway Patrol

Weber 146  Meat Alternatives, Taste Testing and Consumer Acceptance (Repeat)

FERTILITY. POUNDS. PROFIT.
The first and only genetic tool to improve your bottom line
You know your cowherd better than anyone else. All those countless hours spent planning your breeding rotation, the best bulls to use, which replacements to keep…it sure didn’t come easy.
So, let Igenity take care of what’s underneath the hide.
Igenity + Envigor is an advanced, accurate and economical DNA profile that reveals the genetic potential you need to build a stronger herd. Paired with the industry’s first, and only, heterosis tool, Envigor, increased Igenity + Envigor scores can lead to greater fertility in your females, and more profit at the rail.

Igenity + Envigor
Select with Confidence at IGENITYBEEF.com

Register online at KSUBeef.org
### LOT 1 - KSU HOMETOWN 1163

Reg #: 20051109  
DOB: 1/23/2021  
Tattoo: 1163

- **G A R Ashland**
- **G A R HOME TOWN**  
  - Chair Rock Sure Fire 6095  
  - G A R Sure Fire
- **G A R SURE FIRE N698**  
  - G A R Prophet F104

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Ranks in the top 1% WW, YW, SC, RE, $G, $B, $C; 3% MARB, $F; 4% CW, SW. Fantastic combination of elite genomic data and indices along with quality phenotype. Top half of the top 1% of the breed for both $B and $C. Also top 1% $G along with top 1% REA and YW combined with modest birth figures, moderate frame size and muscle shape.

### LOT 2 - KSU HOMETOWN 1158

Reg #: 20051107  
DOB: 1/20/2021  
Tattoo: 1158

- **G A R Ashland**
- **G A R HOME TOWN**  
  - Chair Rock Sure Fire 6095  
  - G A R Sure Fire
- **G A R SURE FIRE N698**  
  - G A R Prophet F104

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Ranks in the top 1% MARB, $G, $B; 2% CEM, $C; 10% CED, SC. Has many of the same strengths as his Lot 1 full brother, while offering more calving ease. Long sided and attractive, his marbling is elite being at the top end of the top 1% of the breed.

### THANKS TO THESE ANGUS BREEDERS FOR SUPPORTING THE K-STATE PUREBRED BEEF UNIT:

GARDINER ANGUS RANCH  
THOMAS ANGUS RANCH  
MCCURRY ANGUS RANCH
## ANGUS BULLS

### KSU HOMETOWN 1156

- **Reg #:** 20051106
- **DOB:** 1/19/2021
- **Tattoo:** 1156

**G A R Ashland**

**G A R HOME TOWN**

- Chair Rock Sure Fire 6095
- G A R Sure Fire

**G A R SURE FIRE N698**

- G A R Prophet F104

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**DMI**

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<td>105</td>
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</tbody>
</table>

Ranks in the top 1% MARB, $G, $B, $C; 2% $F; 3% DOC; 5% CEM; 10% CED, YW, CW. Truly elite level genomic backed figures, being at the absolute top of the breed in multiple traits. A calving ease bull with incredible MARB, $G, $B and $C.

### LOT 5 - KSU HOMETOWN 1172

- **Reg #:** 20061110
- **DOB:** 1/26/2021
- **Tattoo:** 1166

**G A R Ashland**

**G A R HOME TOWN**

- Chair Rock Sure Fire 6095
- G A R Sure Fire

**G A R SURE FIRE N698**

- G A R Prophet F104

<table>
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<th>YW</th>
<th>SC</th>
<th>CEM</th>
<th>Milk</th>
<th>CW</th>
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<th>Marb</th>
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Ranks in the top 1% MARB, $G, $B, $C; 3% YW; 4% WW, 10% SC, RE. Powerful, big ribbed and moderate with excellent balance and combines all that with good growth values.

### K5

- **Reg #:** 20051111
- **DOB:** 1/2/2021
- **Tattoo:** 1172

**G A R Ashland**

**G A R HOME TOWN**

- Chair Rock Sure Fire 6095
- G A R Sure Fire

**G A R SURE FIRE N698**

- G A R Prophet F104

<table>
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Ranks in the top 1% MARB, $G, $B, $C; 2% WW; 3% $G, $B, $C; 10% RE.
**LOT 8 - KSU BRAVO 1169**

**KSU BRAVO 1169**

Reg #: 20096264  
DOB: 2/6/2021  
Tattoo: 1169  
Coleman Charlo 0256  
COLEMAN BRAVO 6313  
Coleman Donna 714  
Deer Valley All In  

**KSU MISS ALL IN 5197**

KSU Miss Final Answer 9147  
Reg #: 20096264  
DOB: 2/6/2021  
Tattoo: 1169  

**CXD BW WW YW SC CEM Milk CW RE Marb**

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<th>8</th>
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<td>113</td>
<td>231</td>
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</table>

Ranks in the top 4% SC; 5% $M; 10% WW, YW. Powerful, big ribbed and moderate with excellent balance and combines all that with good growth values. Both his kind and top 10% $M make him a great option for making replacement females.

**LOT 9 - KSU STUNNER 1154**

**KSU STUNNER 1154**

Reg #: 20096332  
DOB: 1/17/2021  
Tattoo: 1154  
LD Capitalist 316  
MUSGRAVE 316 STUNNER  
MCATL Blackbird 831-13785  
Deer Valley All In  

**KSU MISS ALL IN 5197**

KSU Miss Final Answer 9147  
Reg #: 20096332  
DOB: 1/17/2021  
Tattoo: 1154  

**CXD BW WW YW SC CEM Milk CW RE Marb**

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<td>101</td>
<td>33</td>
<td>134</td>
<td>229</td>
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</table>

Ranks in the top 15% WW, SW. A maternal brother to Lot 8 out of the most productive Angus female in the KSU herd. Powerful and rugged made.

**LOT 10 - KSU STUNNER 1162**

**KSU STUNNER 1162**

Reg #: 20096333  
DOB: 1/23/2021  
Tattoo: 1162  
LD Capitalist 316  
MUSGRAVE 316 STUNNER  
MCATL Blackbird 831-13785  
Deer Valley All In  

**KSU MISS ALL IN 5197**

KSU Miss Final Answer 9147  
Reg #: 20096333  
DOB: 1/23/2021  
Tattoo: 1162  

**CXD BW WW YW SC CEM Milk CW RE Marb**

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<th>132</th>
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<td>1.23</td>
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Ranks in the top 5% WW; 10% SW.
Angus Bulls

ksu.stunner.112

Reg #: 20038154
DOB: 9/20/2020
Tattoo: 112

LD Capitalist 316
MUSGRAVE 316 STUNNER
MCATL Blackbird 831-13785
SAC Conversation

KSU MISS CONVERSATION 7191
KSU Miss Daybreak 1149

CED BW WW YW SC CEM Milk CW RE Marb
8 0.6 61 107 1.44 8 27 45 0.72 0.83
DMI DOC $M $W $F $G $B $C
0.81 12 62 69 94 57 152 259

Ranks in the top 15% SC. Big, stout and deep fall-born bull ready for heavy service. Suitable for heifers.

ksu.stunner.0404

Reg #: 20002866
DOB: 10/5/2020
Tattoo: 0404

LD Capitalist 316
MUSGRAVE 316 STUNNER
MCATL Blackbird 831-13785
S A V Final Answer 0035
KSU MISS FINAL ANSWER 9147
KSU Miss 602C 514848

CED BW WW YW SC CEM Milk CW RE Marb
4 1 67 115 1.36 2 24 42 0.18 0.44
DMI DOC $M $W $F $G $B $C
0.86 30 60 70 89 30 119 189

Ranks in the top 5% DOC. Another strong aged fall bull ready for more cows. Long sided, deep with a nice maternal pedigree.

ksu.stunner.0405

Reg #: 20002865
DOB: 10/05/2020
Tattoo: 0405

LD Capitalist 316
MUSGRAVE 316 STUNNER
MCATL Blackbird 831-13785
S A V Final Answer 0035
KSU MISS FINAL ANSWER 9147
KSU Miss 602C 514848

CED BW WW YW SC CEM Milk CW RE Marb
6 0.6 52 95 0.73 3 32 40 0.14 0.46
DMI DOC $M $W $F $G $B $C
0.86 10 35 62 89 30 119 189

Ranks in the top 3% CEM; 10% DOC.

The Legacy Sale • asi.ksu.edu/bullsale
K14  
**KSU STUNNER 0406**  
Reg #: 20002864  
DOB: 10/09/2020  
Tattoo: 0406  
**MUSGRAVE 316 STUNNER**  
LD Capitalist 316  
MCATL Blackbird 831-1378  
S A V Final Answer 0035  
**KSU MISS FINAL ANSWER 9147**  
K S U Miss 602C 5148  

<table>
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<th>CW</th>
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Ranks in the top 10% SC.

Bull and heifer diets were supplemented with greatOPlus, compliments of NBO3 Technologies. greatOPlus is manufactured using a patent-pending proprietary extrusion process, and contains high levels of omega-3 fatty acids to stimulate reproductive development and immune function.

THANKS TO ST GENETICS AND AARON ARNETT FOR THEIR SUPPORT OF THE K-STATE PUREBRED BEEF UNIT

LOT 16 - KSU STUNNER 1185

K15  
**KSU STUNNER 1182**  
Reg #: 20096336  
DOB: 2/28/2021  
Tattoo: 1182  
**MUSGRAVE 316 STUNNER**  
LD Capitalist 316  
MCATL Blackbird 831-1378  
S A V Final Answer 0035  
**KSU MISS FINAL ANSWER 9147**  
K S U Miss 602C 5148  

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<th>CW</th>
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<td>80</td>
<td>82</td>
<td>39</td>
<td>121</td>
<td>208</td>
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Ranks in the top 2% SC; 10% CED.

K16  
**KSU STUNNER 1185**  
Reg #: 20096337  
DOB: 3/05/2021  
Tattoo: 1185  
**MUSGRAVE 316 STUNNER**  
LD Capitalist 316  
MCATL Blackbird 831-1378  
S A V Final Answer 0035  
**KSU MISS FINAL ANSWER 9147**  
K S U Miss 602C 5148  

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<th>SC</th>
<th>CEM</th>
<th>Milk</th>
<th>CW</th>
<th>RE</th>
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<td>7</td>
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<td>1.93</td>
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<td>78</td>
<td>88</td>
<td>45</td>
<td>134</td>
<td>212</td>
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Ranks in the top 4% SC; 5% MILK. Good milk and scrotal EPDs make for great option for producing replacement females.
LOT 17 - KSU BARRICADE 1179

KSU BARRICADE 1179

Reg #: 20096171  DOB: 2/26/2021  Tattoo: 1179

Sitz Stellar 726D

SITZ BARRICADE 632F
SITZ Barbaramere Nell 765D
Deer Valley All In

KSU MISS ALL IN 5197
KSU Miss Final Answer 9147

CED  BW  WW  YW  SC  CEM  Milk  CW  RE  Marb
12  0.3  64  104  1.22  8  23  26  0.27  0.77

DMI  DOC  $M  $W  $F  $G  $B  $C
0.97  16  86  73  57  47  104  221

Ranks in the top 10% YW; 15% WW.

LOT 18 - KSU BARRICADE 1173

KSU BARRICADE 1173

Reg #: 20096160  DOB: 1/12/2021  Tattoo: 1173

Sitz Stellar 726D

SITZ BARRICADE 632F
SITZ Barbaramere Nell 765D
K C F Bennett Absolute

KSU MISS ABSOLUTE 8104
KSU Miss All In 5197

CED  BW  WW  YW  SC  CEM  Milk  CW  RE  Marb
5  0.3  75  134  0.56  8  21  55  0.85  0.52

DMI  DOC  $M  $W  $F  $G  $B  $C
1.29  3  60  73  73  49  149  253

Ranks in the top 10% $M; 10% CED. Natural calf out of the 5197 donor. Stout and deep with a good look. A definite heifer bull with strong $M.

LOT 19 - KSU RAINFALL 1160

KSU RAINFALL 1160

Reg #: 20123789  DOB: 1/21/2020  Tattoo: 1160

Coleman Charlo 0256
S A V RAINFALL 6846
S A V Blackcap May 4136
S A V Final Answer 0035

KSU MISS FINAL ANSWER 9147
KSU Miss 602C 5148

CED  BW  WW  YW  SC  CEM  Milk  CW  RE  Marb
7  0.3  43  83  0.68  1  25  9  .10  .55

DMI  DOC  $M  $W  $F  $G  $B  $C
.31  19  58  47  52  34  86  170

Ranks in the top 10% DMI.
In August, K-State and the agriculture industry lost a great teacher, advisor and friend to the ASI Department and Purebred Beef Unit. Dr. Miles McKee, who served as PBU herdsman and then served on ASI faculty from 1968 to 2005, passed away on August 30 in Manhattan.
PROGRESSIVE CATTLEMEN
RELY ON VITAFERM®
DON'T FORGET ABOUT THE OTHER HALF OF THE EQUATION

Our VitaFerm line is built to benefit more than just your cowherd. Let our products help you get the most out of your bull battery as well.

VitaFerm is the official mineral program of Kansas State University.

For more information, contact: BioZyme® Area Sales Manager Shane Schaaeke at (785) 456-5014
**SIMMENTAL BULLS**

**K22 - KSU EAGLE 55J**

Reg #: 3878505  
DOB: 2/15/2021  
Tattoo: 55J  
3/4 Simmental 1/4 Angus  
Homo Polled  
HOOK’S BLACK HAWK 50B  
HOOK’S EAGLE 6E  
Hook’s Crystal 1C  
WS ALL-AROUND Z35  
KSU MISS ALL-AROUND 53E  
KSU MISS GRADUATE 51C

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<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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<th>API</th>
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<td>176.8</td>
<td>100.6</td>
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Ranks in the top 1% DOC; 2% REA; Ti; 2% API; 10% WW, YW.  
Strong individual from a consistent, potent mating. Full brother was ’21 high-selling bull and a full sister sold for $20,000 and is already making her mark as a donor.

**LOT 23 - KSU EAGLE 58J**

Reg #: 3878507  
DOB: 2/17/2021  
Tattoo: 58J  
3/4 Simmental 1/4 Angus  
Homo Polled  
HOOK’S BLACK HAWK 50B  
HOOK’S EAGLE 6E  
Hook’s Crystal 1C  
WS ALL-AROUND Z35  
KSU MISS ALL-AROUND 53E  
KSU MISS GRADUATE 51C

<table>
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<tr>
<th>CE</th>
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<th>YW</th>
<th>MCE</th>
<th>Milk</th>
<th>MWW</th>
<th>Stay</th>
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<td>63</td>
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<th>REA</th>
<th>API</th>
<th>TI</th>
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<td>42.8</td>
<td>1.01</td>
<td>177.7</td>
<td>106.3</td>
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Ranks in the top 1% Ti; 2% WW, YW, API; 3% DOC; 10% REA.  
Elite performance and carcass figures in a moderate, deep and stout made package. Comes from the same consistent mating as Lot 22.

**K23 - KSU EAGLE 95H**

Reg #: 3803923  
DOB: 9/22/2020  
Tattoo: 95H  
5/8 Simmental 3/8 Angus  
HOOK’S BLACK HAWK 50B  
HOOK’S EAGLE 6E  
Hook’s Crystal 1C  
TJ SHARPER IMAGE 809U  
KSU MS SHARPER IMAGE 20Z  
KSU MISS MO BETTER 45U

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<th>MWW</th>
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<td>90.8</td>
<td>134.7</td>
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<td>65</td>
<td>17.6</td>
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<th>CW</th>
<th>REA</th>
<th>API</th>
<th>TI</th>
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<td>41.9</td>
<td>0.89</td>
<td>145.8</td>
<td>89.9</td>
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</table>

Ranks in the top 10% WW. Strong-aged Eagle son ready for heavy service.
LOT 25 - KSU EXECUTIVE ORDER 99H

Ranks in the top 5% BW, MCE; 10% CE. Deep, bold made and attractive. Stems from an excellent donor, he’s a maternal brother to KSU Bald Eagle, a featured member of the Cattle Visions lineup.

LOT 27 - KSU EXECUTIVE ORDER 52J

Ranks in the top 3% WW, YW; 4% TI; 5% MWW; 15% API. Huge performance both visually and on paper. Long, deep and powerful.

LOT 28 - KSU HIGH ROAD 5J

Ranks in the top 1% CE; 2% BW, MCE, API; 10% STAY, MARB, REA, TI. Incredible calving ease purebred bull with solid growth. Outstanding API.
**LOT 29 - KSU COUNTY O 96H**

- **Reg #:** 3803916
- **DOB:** 9/7/2020
- **Tattoo:** 96H
- **Purebred Simmental • Homo Polled**
- **W/C LOADED UP 1119Y**
- **GEFF COUNTY O**
  - RUBY NFF RHYTHM 475B
  - WS ALL-AROUND Z35
- **KSU MISS ALL-AROUND 53E**
  - KSU MISS GRADUATE 51C

<table>
<thead>
<tr>
<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>6</td>
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<td>94.3</td>
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<td>3.2</td>
<td>14</td>
<td>61.1</td>
<td>16.6</td>
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**Birth Wt.** ET  
**Adj. Wean** 758  
**Adj. YW** 914

Ranks in the top 10% WW, YW, CW. Big, stout, long and strong-made fall County O son. Well balanced with power and performance.

**LOT 30 - KSU COUNTY O 60J**

- **Reg #:** 3878509
- **DOB:** 2/27/2021
- **Tattoo:** 60J
- **Purebred Simmental • Homo Polled • Red**
- **W/C LOADED UP 1119Y**
- **GEFF COUNTY O**
  - RUBY NFF RHYTHM 475B
  - WS ALL-AROUND Z35
- **KSU MISS ALL-AROUND 53E**
  - KSU MISS GRADUATE 51C

<table>
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<td>4.3</td>
<td>14</td>
<td>62.7</td>
<td>18.3</td>
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</table>

**Birth Wt.** ET  
**Adj. Wean** 693

Ranks in the top 3% WW; 4% YW. A high performance and stout-made, red purebred son. Excellent growth in person and on paper. His donor dam, 53E, has been the most productive donor here.

**LOT 31 - KSU COUNTY O 62J**

- **Reg #:** 3878511
- **DOB:** 3/3/2021
- **Tattoo:** 62J
- **Purebred Simmental • Homo Polled**
- **W/C LOADED UP 1119Y**
- **GEFF COUNTY O**
  - RUBY NFF RHYTHM 475B
  - WS ALL-AROUND Z35
- **KSU MISS ALL-AROUND 53E**
  - KSU MISS GRADUATE 51C

<table>
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<tr>
<td>7.6</td>
<td>2.5</td>
<td>90.5</td>
<td>132.5</td>
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<td>14</td>
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**Birth Wt.** ET  
**Adj. Wean** 690

Ranks in the top 10% WW.

**LOT 32 - KSU COUNTY O 61J**

- **Reg #:** 3878510
- **DOB:** 3/2/2021
- **Tattoo:** 61J
- **Purebred Simmental • Homo Polled**
- **W/C LOADED UP 1119Y**
- **GEFF COUNTY O**
  - RUBY NFF RHYTHM 475B
  - WS ALL-AROUND Z35
- **KSU MISS ALL-AROUND 53E**
  - KSU MISS GRADUATE 51C

<table>
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<tr>
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<th>MCE</th>
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<tr>
<td>7.9</td>
<td>0</td>
<td>77.3</td>
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<td>14</td>
<td>52.6</td>
<td>20.4</td>
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**Birth Wt.** ET  
**Adj. Wean** 592

Ranks in the top 10% Stay.
**SIMMENTAL BULLS**

**KSU COUNTY O 74J**

**Reg #: 3878518**  
**DOB: 3/11/2021**  
**Tattoo: 74J**  
**Purebred Simmental • Homo Polled**

- **W/C LOADED UP 1119Y**
- **GEFF COUNTY O**
- **RUBY NFF RHYTHM 475B**
- **WS ALL-AROUND Z35**
- **KSU MISS ALL-AROUND 53E**
- **KSU MISS GRADUATE 51C**

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<tr>
<td>6.4</td>
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<td>87.7</td>
<td>129.2</td>
<td>3.9</td>
<td>14</td>
<td>57.8</td>
<td>16.9</td>
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</table>

**Birth Wt.** | **ET** | **Adj. Wean** | **664**

**DOC** | **Marb** | **CW** | **REA** | **API** | **TI**
| 11.5 | 0.03 | 44.8 | 1.1 | 126.7 | 81.4 |

Ranks in the top 10% CW, BF.

---

**KSU MILESTONE 87J**

**Reg #: 3885526**  
**DOB: 3/31/2021**  
**Tattoo: 87J**  
**Purebred Simmental • Red**

- **JF MILESTONE 999W**
- **KSU MILESTONE 72E**
- **D NICHOLS HEIRESS R728**
- **WS ALL-AROUND Z35**
- **KSU ALL AROUND 13C**
- **KSU MISS RANCH HAND 43A**

<table>
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<th>Milk</th>
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<td>9.4</td>
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<td>125.9</td>
<td>6.3</td>
<td>15.9</td>
<td>57.1</td>
<td>14.9</td>
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</table>

**Birth Wt.** | **80**  
**Adj. Wean** | **583**

**DOC** | **Marb** | **CW** | **REA** | **API** | **TI**
| 12.3 | 0.14 | 20.3 | 0.57 | 125.9 | 78.2 |

---

**Watch the Sale & Bid Live Online**

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"Representing The Best Seedstock Outfits in the Business, For Over Thirty Years!"

For Immediate Assistance TEXT 516-366-0734 or schedule@cci.live
Kansas State University’s purebred beef herd was established in 1881 with the purchase of an Aberdeen-Angus heifer, Eyebright 4th 7131 (7446), from the Ontario Agricultural College. A Hereford bull and heifer — Parley 30782 and Miss Beau Real 7th 30781 — were purchased from George Fowler, Maple Hill, Kansas, in 1888. These two breeds made up the herd until it was disposed in 1897 due to tuberculin test reactions and an order from the Board of Regents. The Board’s order was the result of concern across the state that K-State’s cattle should be “practical farmer’s livestock” instead of purebred animals. The herd was then reestablished in 1901 with seven different breeds of beef, dairy and dual-purpose cattle.

THE UNIT
The Purebred Beef Unit annually runs nearly 300 breeding-age purebred Angus, Hereford and Simmental cows on 4,000 acres of native bluestem grass. The Headquarters and Calving Center is located at the edge of campus near the Stanley Stout Center off of Denison Avenue. This location includes the calving and maternity barn, multipurpose space, office spaces and an apartment for student workers. Animal holding pens, pasture space, processing, feed storage and shop are adjacent to this facility. The Bull and Heifer Development Center is adjacent to the existing Beef Cattle Research Center north of Marlatt Avenue. This location has covered feed bunks and an automated individual animal feed and water intake monitoring system situated in a dry lot condition. The facility also has animal holding pens and a processing area. Mature females are maintained northeast of town about 10 miles at the Cedar Creek Ranch headquarters. This ranch, located just off Highway 13, serves an instrumental role in the teaching aspect of our operation.

MISSION AND PURPOSE
Our mission is to provide undergraduate students with practical experience in breeding, feeding, management and marketing of purebred seedstock as well as give livestock selection, general animal science courses and students from colleges across the nation the opportunity to evaluate quality cattle. Each year hundreds of students utilize cattle raised at this unit. The herd also provides an opportunity to demonstrate breeding programs for genetic improvement of seedstock, using genomics, performance testing, artificial insemination, embryo transfer and ultrasound carcass evaluation.

Applied research trials are conducted using cattle produced in this herd, such as synchronized artificial insemination, feed efficiency and feed additive research. Cattle are also used for teaching purposes in classes such as Livestock Sales Management, Pregnancy Diagnosis, Calving, Livestock and Meat Evaluation, and used for competition in the annual Little American Royal. A portion of the cattle produced in this herd are merchandized in the annual “Legacy” Bull and Female Sale held the first Friday in March. This sale is unique to the nation because it provides students hands-on, practical experience in purebred cattle marketing.

PRODUCTION SALES
This year will be the 45th sale, as the first Special K sale was hosted in 1977. This first sale was unique to the nation because it was a university sale organized and managed by students. A sale has been hosted each school year since 1977. Early sales rotated between Angus, Simmental and Hereford cattle. In 1987, it was decided to sell all breeds in one annual sale.

K-State’s most distinguished animal was the Angus heifer Manhattan Gal. Her national reputation was the momentum behind the first Special K Edition sale. Manhattan Gal was the Supreme Champion Individual at the 1976 Angus Futurity, and the Grand Champion Angus Female at the American Royal, North American International Livestock Exposition and the National Western Stock Show. The highest selling individual in a Legacy/Special K sale was a Simmental female, KSU Miss Eagle 64G, that sold for $20,000 in the 2020 Legacy Sale. She was purchased by Royce Rothlisberger and the Troy Marple family. Slammer K 04147, a Hereford bull, was purchased in 1981 by C K Hereford Ranch, Brookville, Kansas, for $12,500. K-State’s highest selling female was KSU Miss Dorothy, a Simmental heifer calf that sold at the National Western Stock Show for $25,000.

In 2008, the name of the sale was changed to the “Legacy” sale to honor 127 years of continuous beef improvement. The K-State Purebred Beef Unit might be the most unique experience offered to current and potential students in agricultural colleges across the nation. The educational opportunities available to students producing, promoting and merchandising high-quality purebred cattle continues to play a fundamental role in a program that has been nationally recognized for excellence in teaching, research and extension.
A true standout and one of the greatest bulls raised in the 141 years of producing seedstock at KSU. His incredible stoutness combines with performance, structural integrity, pigment and exceptional balance. He’s one of the best sons to be found of the breed sensation, Loewen Genesis G16.
REFERENCE SIRE: LOEWEN GENESIS G16 ET

K36

KSU GENESIS 155 ET

Reg #: 44231208
DOB: 1/27/2021
Tattoo: 155

NJW 79Z Z311 ENDURE 173D ET
LOEWEN GENESIS G16 ET
LOEWEN 77 48 MISS 344N 4RB42ET
R LEADER 6964
KSU MISS MISTY 956 ET
KJ 2745 ROXY 482Y ET

<table>
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<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MCE</th>
<th>Milk</th>
<th>M&amp;G</th>
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<tbody>
<tr>
<td>2.7</td>
<td>2.6</td>
<td>63</td>
<td>103</td>
<td>0.9</td>
<td>4.4</td>
<td>33</td>
<td>65</td>
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<tr>
<th>CW</th>
<th>REA</th>
<th>Marb</th>
<th>DMI</th>
<th>$BMI</th>
<th>$BII</th>
<th>$CHB</th>
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<tr>
<td>80</td>
<td>0.55</td>
<td>0.15</td>
<td>0.7</td>
<td>424</td>
<td>509</td>
<td>123</td>
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</tbody>
</table>

Ranks in top 8% M&G; 10% Milk; 11% BII; 12% YW, CW, BMI. The only full brother to KSU Land Grant. His quality look combines with power and just a tick more EPD strength than his big time full brother.

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800.530.5624 ~ www.hydrabeds.com
P.O Box 248 / 902 Hwy. 246, Sabetha, KS 66534
**LOT 37 - KSU HUTTON 081 ET**

Ranks in top 3% REA; 4% BMI; 7% BII. Moderate, efficient, stout and powerful. Ready to immediately make big time, high-valued baldie progeny. Outstanding CW, REA and BMI.

**LOT 39 - KSU HUTTON 160 ET**

Ranks in top 2% REA; 4% BMI; 6% Milk, BII; 10% M&G; 15% BW. Lot 37’s younger full brother, he possesses many of the same attributes. Huge REA EPD and a strong baldie maker option.

**THANKS TO THESE HEREFORD BREEDERS FOR SUPPORTING THE K-STATE PUREBRED BEEF UNIT:**

- COLYER HEREFORDS
- JENSEN BROS.
- SANDHILL FARMS
- SCHU-LAR HEREFORDS
- PEREZ CATTLE CO.
- WERK HEREFORDS

---

**HEREFORD BULLS**

**K37 KSU HUTTON 081 ET**

Reg #: 44194914  DOB: 9/25/2020  Tattoo: 081

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<tr>
<td>0.1</td>
<td>2.4</td>
<td>57</td>
<td>84</td>
<td>0.8</td>
<td>0.4</td>
<td>31</td>
<td>60</td>
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<td>78</td>
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<td>0.04</td>
<td>0.3</td>
<td>459</td>
<td>530</td>
<td>118</td>
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**K38 KSU HUTTON 082 ET**

Reg #: 44194915  DOB: 9/25/2020  Tattoo: 082

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<tr>
<td>0.6</td>
<td>1.8</td>
<td>55</td>
<td>81</td>
<td>0.8</td>
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<td>35</td>
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<tr>
<td>76</td>
<td>0.35</td>
<td>-0.02</td>
<td>0.3</td>
<td>419</td>
<td>486</td>
<td>106</td>
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REFERENCE SIRE: NJW 73S 980 HUTTON 109Z ET

Reference Sire: NJW 73S 980 Hutton 109Z ET

KSU JOURNEY 161
Reg #: 44089665  DOB: 3/5/2021  Tattoo: 161
LJR 023R WHITMORE 10W
NJW 84B 10W JOURNEY 53D
NJW 16S 100W JOEY 84B ET
NJW 73S 980 Hutton 109Z ET
KSU MISS HUTTON 856 ET
KSU MISS DURANGO 205

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<th>MCE</th>
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<td>13.2</td>
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<td>59</td>
<td>97</td>
<td>1.1</td>
<td>7.7</td>
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<th>$BII</th>
<th>$CHB</th>
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<td>74</td>
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<td>0.01</td>
<td>0.6</td>
<td>393</td>
<td>464</td>
<td>106</td>
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</table>

Ranks in top 2% CED; 3% MCE; 7% BW; 11% REA. Sleep all night Hereford heifer bull option with calving ease figures at the top end of the breed and still offers above average growth.

KSU TRUST 156 ET
Reg #: 44231212  DOB: 2/20/2021  Tattoo: 156
NJW 73S M326 TRUST 100W ET
BR TRUST 0217 3373
BR REVOLUTION OF 8279 0217
R LEADER 6964
KSU MISS MISTY 956 ET
KJ 274S ROXY 482Y ET

<table>
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<th>MCE</th>
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<th>M&amp;G</th>
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<tbody>
<tr>
<td>1</td>
<td>2.7</td>
<td>64</td>
<td>107</td>
<td>1.1</td>
<td>4.7</td>
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<td>65</td>
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<th>$BII</th>
<th>$CHB</th>
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<tbody>
<tr>
<td>85</td>
<td>0.83</td>
<td>0.09</td>
<td>0.6</td>
<td>467</td>
<td>549</td>
<td>130</td>
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</tbody>
</table>

Ranks in top 1% REA; 4% BW; 7% YW; 8% M&G; 11% Milk. Well balanced maternal brother to Land Grant. Another huge REA bull. Good option to add muscle to feeder calves or make replacements.

KSU TRUST 154
Reg #: 44231200  DOB: 1/25/2021  Tattoo: 154
NJW 73S M326 TRUST 100W ET
BR TRUST 0217 3373
BR REVOLUTION OF 8279 0217
EFBEEF X65 1 TESTED A250
KSU VIVIAN TESTED 862 ET
SCHU-LAR 209 VIVIAN 16R 4R ET

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<th>MCE</th>
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<th>M&amp;G</th>
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<td>5.5</td>
<td>1.1</td>
<td>67</td>
<td>118</td>
<td>1.3</td>
<td>8.3</td>
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<td>64</td>
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<th>$CHB</th>
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<tr>
<td>90</td>
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<td>0.27</td>
<td>0.6</td>
<td>453</td>
<td>549</td>
<td>157</td>
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</table>

Ranks in top 1% REA; 2% YW, BW; 3% MCE, CHB; 4% BII; 5% BMI; 6% WW; 8% M&G; 11% MARB; 15% SC.
Fall calving cows were artificially inseminated (see footnote) and then pasture exposed to Butchs Trustee (Reg.: 19230046) from 1/14/22 to 1/19/22 and Mill Brae Endurance 2118 (Reg.: 17317984) from 1/19/22 to 2/2/22. All cows will be pregnancy checked and confirmed safe in calf prior to sale day. A supplement sheet will be provided online and at the sale.

**KSU BLACKCAP 9408**

Reg #: 19842448 [DDP]  
DOB: 11/02/2019  
Tattoo: 9408

- **Sitz Dash 10277**
- **MILL BRAE ENDURANCE 2118**  
  Mill Brae FA Queen 8035  
  B/R New Day 454
- **KSU MISS NEW DAY 1178**  
  G A R Objective 2167

<table>
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<tr>
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<th>YW</th>
<th>SC</th>
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<th>CW</th>
<th>RE</th>
<th>Marb</th>
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</thead>
<tbody>
<tr>
<td>9</td>
<td>1.2</td>
<td>62</td>
<td>108</td>
<td>0.4</td>
<td>4</td>
<td>30</td>
<td>45</td>
<td>0.41</td>
<td>0.39</td>
</tr>
</tbody>
</table>

DMI DOC $M $W $F $G $B $C  
1.36 19 70 73 87 33 120 226

10/16/21 bull calf at side sired by Spring Grove Duel (Reg: 19324031).  
BW 79 lb.  
AI bred 12/13/21 to Sitz Barricade 632F (Reg.: 19078148).  
Exposed to Mohnen Hesston (Reg.: 18552928) 1/14 to 2/2.

**KSU MISS RESOURCE 9178**

Reg #: 19672380  
DOB: 3/02/2019  
Tattoo: 9178

- **Rito 707 of Ideal 3407 7075**
- **S A V RESOURCE 1441**  
  S A V Blackcap May 4136  
  Connealy Comrade 1385
- **KSU MISS COMRADE 6176**  
  KSU Ms Design 5050 2174

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<th>CEM</th>
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<th>RE</th>
<th>Marb</th>
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<tbody>
<tr>
<td>-7</td>
<td>4.7</td>
<td>87</td>
<td>147</td>
<td>1.47</td>
<td>2</td>
<td>13</td>
<td>64</td>
<td>0.38</td>
<td>1.06</td>
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DMI DOC $M $W $F $G $B $C  
1.7 29 53 61 104 47 151 249

10/31/21 heifer calf at side sired by Spring Grove Duel (Reg: 19324031).  
BW 79 lb.  
AI bred 01/4/22 to KG Justified 3023 (Reg.: 17707279).  
Exposed to Mohnen Hesston (Reg.: 18552928) 1/14 to 2/2.

**KSU MISS WHITLOCK 8106**

Reg #: 19239628 [DDP]  
DOB: 1/06/2018  
Tattoo: 8106

- **S Chisum 6175**
- **S WHITLOCK 179**  
  S Pride Anna 709  
  KSU Objective 0183
- **KSU MISS OBJECTIVE 6205**  
  KSU Miss Objective 0164

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DMI DOC $M $W $F $G $B $C  
1.97 27 64 83 113 31 144 251

10/11/21 bull calf at side sired by Spring Grove Duel (Reg: 19324031).  
BW 76 lb.  
AI bred 12/12/21 to KG Justified 3023 (Reg.: 17707279).  
Exposed to Mohnen Hesston (Reg.: 18552928) 1/14 to 2/2.

**KSU BLACKCAP 0407**

Reg #: 19930936 [DDC]  
DOB: 11/04/2020  
Tattoo: 0407

- **S A V Hesston 2217**
- **MOHNEN HESSTON 2836**  
  Mohnen Jilt 539  
  B/R New Day 454
- **KSU MISS NEW DAY 1178**  
  G A R Objective 2167

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DMI DOC $M $W $F $G $B $C  
0.82 7 45 49 76 60 136 221

10/11/21 bull calf at side sired by Spring Grove Duel (Reg: 19324031).  
BW 76 lb.  
AI bred 1/4/22 to Sitz Resilient 10208 (Reg.: 19057457).  
Exposed to Mohnen Hesston (Reg.: 18552928) 1/14 to 2/2.
**ANGUS FALL CALVING COWS**

### K47 KSU PROMPTITUDE 0170 ET

- **Reg #:** 19876765
- **DOB:** 2/24/2020
- **Tattoo:** 0170
- **Sitz Upward 307R**
- **PLATTEMERE WEIGH UP K360**
  - Barbara of Plattemere 337
  - Connealy Confidence 0100
- **TMG B03 OF 5933 CONFIDENCE**
  - Dalebanks Promptitude 5933

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Pasture exposed to Butch’s Trustee (Reg.: 19230046) from 1/14/22 – 01/19/22.

### K48 KSU MAYFLOWER 9403

- **Reg #:** 19864781
- **DOB:** 9/17/2019
- **Tattoo:** 9403
- **Rito 707 of Ideal 3407 7075**
- **S A V RESOURCE 1441**
  - S A V Blackcap May 4136
  - Hunts Calculator 2720
- **K SU MISS CALCULATOR 3123**
  - Miss Bando K 8203

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Al bred 12/13/21 to Sitz Resilient 10208 (Reg.: 19057457). Exposed to Mohnen Hesston (Reg.: 18552928) 1/14/22 to 2/2/22.

### K49 KSU RITA 9152

- **Reg #:** 19549327
- **DOB:** 1/11/2019
- **Tattoo:** 9152
- **G A R Early Bird**
- **G A R ASHLAND**
  - Chair Rock Ambush 1018
- **G A R PROPHET 625**
  - G A R Redirect 431

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Al bred 12/13/21 to Deer Valley Growth Fund (Reg.: 18827828).

### K50 KSU MISS JET 9158

- **Reg #:** 19586092
- **DOB:** 1/15/2019
- **Tattoo:** 9158
- **Sitz Upward 307R**
- **PLATTEMERE WEIGH UP K360**
  - Barbara of Plattemere 337
  - Summitcrest Complete 1P55
- **THOMAS MISS JET 2622**
  - Thomas Miss Jet 0365

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Al bred 1/04/22 to KG Justified 3023 (Reg.: 17707279).

### K51 KSU MISS RESOURCE 9168

- **Reg #:** 19672377 [DDP]
- **DOB:** 2/13/2019
- **Tattoo:** 9168
- **Rito 707 of Ideal 3407 7075**
- **S A V RESOURCE 1441**
  - S A V Blackcap May 4136
  - KSU Objective 0183
- **KSU MISS OBJECTIVE 6205**
  - KSU Miss Objective 0164

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Al bred 12/12/21 to Deer Valley Growth Fund (Reg.: 18827828).

### K52 KSU MISS ENDURANCE 9187

- **Reg #:** 19672383
- **DOB:** 3/12/2019
- **Tattoo:** 9187
- **Sitz Dash 10277**
- **MILL BRAE ENDURANCE 2118**
  - Mill Brae FA Queen 8035
  - G A R Prophet
- **KSU MISS PROPHET 4103**
  - KSU Miss Regis 2175

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Al bred 2/1/22 to KG Justified 3023 (Reg.: 17707279).
**K53**

**KSU MISS IN FOCUS 8175**

Reg #: 19348367  
DOB: 2/22/2018  
Tattoo: 8175

**CONNEALY IN FOCUS 4925**  
Black Cana of Conanga 206  
E&B 1680 Precision 1023

**BALDRIDGE EVERGREEN T23**  
Baldridge Evergreen R220

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Al bred 12/13/21 to DB Iconic G95 (Reg.: 19611994).

---

**K54**

**KSU MISS ENDURANCE 8189**

Reg #: 19280819  
DOB: 3/26/2018  
Tattoo: 8189

**SITZ DASH 10277**  
Mill Brae FA Queen 8035  
G A R Solution

**KSU MISS SOLUTION 8101**  
KSU Miss Lead On 6174

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Al bred 1/13/22 to KG Justified 3023 (Reg.: 17707279).

---

**K55**

**KSU MISS ALL-AROUND 58E**

Reg #: 3338097  
DOB: 1/25/2017  
Tattoo: 58E

3/4 Simmental 1/4 Angus  •  Homo Polled

**WS BEEF KING W107**

**WS ALL-AROUND Z35**  
CDI MS HIGH ROLLER 39W  
S D S GRADUATE 006X

**KSU MISS GRADUATE 51C**  
KSU MS SHARPER IMAGE 24Z

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Al bred 12/13/21 to KSU Bald Eagle 53G (Reg.: 3594678).

---

**K56**

**KSU COUNTY MISS 93H**

Reg #: 3803918  
DOB: 9/21/2020  
Tattoo: 93H

Purebred Simmental  •  Homo Polled

**W/C LOADED UP 1119Y**

**GEFF COUNTY O**  
RUBY NFF RHYTHM 475B  
HOOKS SHEAR FORCE 38K

**KSU MISS SHEAR FORCE 9Z**  
KSU Miss MO Better 13X

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Al bred 12/12/2021 to THSF Lover Boy B33 (Reg.: 2983443).

---

**K57**

**KSU MISS 067**

Reg #: 44171754  
DOB: 3/13/2020  
Tattoo: 067

**SCHU-LAR ON TARGET 225**

**KCF BENNETT STRATEGY Z303 ET**  
KCF MISS REVOLUTION X338 ET  
H H PERFECT TIMING 0150 ET

**KSU MISS PERFECT TIMING 508**  
KSU MISS 719T 325

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Al bred 12/13/21 to Mohican THM Excede Z426 (Reg.: 43292949).

---

**THANKS TO SELECT SIRES, LORNA MARSHALL AND BRIAN HOUSE FOR THEIR CONTINUED SUPPORT OF THE K-STATE PUREBRED BEEF UNIT**

The Legacy Sale • asi.ksu.edu/bullsale
These heifers are all bangs vaccinated, freeze branded and ready to breed. They will be sold in groups of three. Buyer does have option to take as many lots as they wish.

**COMMERCIAL HEIFERS**

**ANGUS PUREBRED COMMERCIAL HEIFERS**
Sired by Mohnen Hesston 2836 and Connealy Pratto.

**ANGUS PUREBRED COMMERCIAL HEIFERS**
Sired by Connealy Pratto and Mill Brae Endurance 2118.

**ANGUS PUREBRED COMMERCIAL HEIFERS**
Sired by Mohnen Hesston 2836 and Connealy Pratto.

**ANGUS PUREBRED COMMERCIAL HEIFERS**
Sired by Mohnen Hesston 2836 and Connealy Pratto.

**ANGUS PUREBRED COMMERCIAL HEIFERS**
Sired by Mohnen Hesston 2836 and Connealy Pratto.

**BLACK COMMERCIAL HEIFERS**
Sired by KSU Conversation 7168 and KG Justified 3023.

**BLACK COMMERCIAL HEIFERS**
Sired by KSU Conversation 7168.

**SIMMENTAL COMMERCIAL HEIFERS**
Simmental-influenced, half blood to purebreds. Sired by KSU Prophet 7158E and KSU Milestone 72E.

**SIMMENTAL COMMERCIAL HEIFERS**
Simmental-influenced, half blood to purebreds. Sired by KSU Prophet 7158E and KSU Milestone 72E.