27th Annual
Focus on EPDs Bull Sale

Thursday, February 14, 2019 • Noon
Athens, Georgia

To view the catalog and videos online, visit: www.ugabeef.com/focusonepds.
## Northeast Georgia Beef Cattle Short Course

**Wednesday, February 13, 2019**  
**UGA Livestock Instructional Arena**  
**Athens, GA**

**COST** – $30 (Meal and Materials)  
**Door Prizes to be Given Away!**

Register By February 4, 2019

### Agenda

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
</tr>
</thead>
<tbody>
<tr>
<td>8:30-9:00 a.m.</td>
<td>Registration (Visit with Sponsors)</td>
</tr>
<tr>
<td>9:00 a.m.</td>
<td>Welcome</td>
</tr>
</tbody>
</table>
| 9:10 a.m. | Beef Cattle Market Outlook  
**Dr. Jeff Drofman, UGA Applied and Ag Economics** |
| 9:45 a.m. | Supplementation Strategies for Late-Winter Feeding  
**Dr. Lawton Stewart, UGA Animal and Dairy Science** |
| 10:15 a.m. | Break (Visit with Sponsors)                                                                 |
| 10:45 a.m. | Replacement Heifer Development: Logistics and Economics  
TBA |
| 11:30 a.m. | Developing a Herd Health Protocol  
**UGA School of Veterinary Medicine** |
| 12:00 noon | Lunch (Visit with Sponsors)                                                                 |
| 1:00 p.m. | Afternoon Rotation:  
1. Proper Application of Animal Identification (Branding, Tattooing, and Ear Tagging)  
**Ms. Lucy Ray and Mr. Monte Stephens, UGA Cooperative Extension**  
2. Understanding Animal Disease: Necropsy Demonstration  
**UGA School of Veterinary Medicine**  
3. Where’s the Beef? Carcass Primal Breakdown  
**Dr. Alex Stelzleni, UGA Animal and Dairy Science**  
4. Understanding a Bull Breeding Soundness Exam  
**UGA School of Veterinary Medicine** |
| 4:30 p.m. | Wrap Up and Door Prizes                                                                     |

### Continuing Ed:
- 3 hrs. for Beef Quality Assurance
- 1 hr. private pesticide credits
- 1 hr. commercial category 21 pesticide credits

### Online Registration: [www.ugabeef.com](http://www.ugabeef.com)

Call your local County Extension Office for more information.

1-800-ASK-UGA1

---

The University of Georgia, Fort Valley State University, the U.S. Department of Agriculture and counties of the state cooperating. Cooperative Extension offers educational programs, assistance and materials to all people without regard to race, color, national origin, age, sex, or disability.

An equal opportunity/affirmative action organization committed to a diverse work force.
Dear Fellow Cattle Producers:

First, I want to tell you how honored I am to be part of the Animal and Dairy Science Department (ADS), and to say Thank You for attending the 27th Annual Focus on EPDs Sale at UGA. Since my arrival this past May, I have been overwhelmed by the beef industry’s support of our Department and College. Like you, we are constantly trying to improve the way we do things. We are very pleased to announce that Dr. John Gonzalez, an Associate Professor in meat science and muscle biology will be joining ADS in April. John is highly-regarded, and we are very excited that he’s coming to UGA. We are in the midst of a search for a reproductive physiologist, who will take over teaching beef production, and be responsible for Extension programming in the area of reproductive physiology. We have tremendous opportunities to do outreach education in the areas of genetics and reproductive physiology, as we have an outstanding, world-renowned breeding and genetics group in ADS, including Daniela Lourenco and Ignacy Misztal, the scientists who developed the Single-Step genetic evaluation method that has been adopted by the American Angus Association. I hope that you can share my enthusiasm for the future of the beef program at UGA.

I would like to update you on some events that have occurred, or will occur, in ADS. The new beef cattle research barn in Tifton has been completed, and is ready to support our beef program. The number of research undergraduate students in the Department continues to grow, with 331 students during the 2018 fall semester, with an additional 41 graduate students in ADS. During 2012, ADS faculty numbers fell to 20, currently we are at 28 faculty members, and ADS expects to add 5 more faculty members during 2019, which will bring our faculty total to 33. Several of our faculty conduct research projects funded through the Georgia Beef Checkoff. I want to thank GCA and the beef producers in Georgia for all the great support they have provided to ADS! Our Department has a strong tradition of service, and we will continue our service to the industry through applied and basic research that benefits animal agriculture, and a great group of Extension faculty who translate the research into programs that are useful to the industry.

The bulls and females in the sale are products of our programs at Athens and Alapaha. They have been evaluated thoroughly and represent the best we have to offer. Low performing, unsound, or bad dispositioned animals have been culled, and we feel confident that you will be satisfied with our product. Also, Angus animals have been tested negative or have no carrier ancestors for known genetic defects. Satisfaction of our customers is our main goal. If you have any questions or problems with the animals purchased in this sale, please give us a call and we will help in any way possible.

I want to thank Chad Westmoreland, Andy Dunn, and the farm crews for developing these bulls and heifers. Our people take pride in their work, and they’ve all worked to provide you with a set of cattle that will work on your operations. If you have any questions, please contact any one of us. I look forward to meeting and visiting with you!

Sincerely,

Dr. Francis L. Fluharty
Professor and Head
Department of Animal and Dairy Science

The bulls and females in the sale are products of our programs at Athens and Alapaha. They have been evaluated thoroughly and represent the best we have to offer. Low performing, unsound, or bad dispositioned animals have been culled, and we feel confident that you will be satisfied with our product. Also, Angus animals have been tested negative or have no carrier ancestors for known genetic defects. Satisfaction of our customers is our main goal. If you have any questions or problems with the animals purchased in this sale, please give us a call and we will help in any way possible.

I want to thank Chad Westmoreland, Andy Dunn, and the farm crews for developing these bulls and heifers. Our people take pride in their work, and they’ve all worked to provide you with a set of cattle that will work on your operations. If you have any questions, please contact any one of us. I look forward to meeting and visiting with you!

Sincerely,

Dr. Francis L. Fluharty
Professor and Head
Department of Animal and Dairy Science

Directions to the Teaching Arena Sale Site: From the Athens Perimeter (Loop 10) exit at Milledge Avenue (Exit 6), turn south and travel approximately 2 miles. The Teaching Arena will be on your right.

Sale Site Phone: 706/613-0971

UGA Animal & Dairy Science

Thursday, February 14, 2019
Noon

Complimentary lunch will be served 11 a.m. sale day.
**Performance Legend**

**Birth Weight (BW)** – Actual birth weight.

**Adjusted 205 Day Weaning Weight (AWW)** – Standard weaning weight adjusted for age of dam.

**Expected Progeny Difference (EPD)** is the prediction of how future progeny of each animal are expected to perform relative to the progeny of other animals listed in the respective breed’s database. EPDs listed in this catalog were obtained from the breed associations, and they are expressed in units of measure for the trait, plus or minus. Interim EPDs may appear on young animals when their performance has yet to be incorporated into the National Cattle Evaluation (NCE) procedures. This EPD will be preceded by an “I” and may or may not include the animal’s own performance record for a particular trait, depending on its availability, appropriate contemporary grouping, or data edits needed for NCE. Please keep in mind that EPDs can change each time breed associations update their data. EPDs should not be used to compare bulls of different breeds.

Birth, Weaning, Yearling and Milk EPDs are expressed in pounds of calf. Differences in EPDs between two bulls within the same breed indicate the expected difference between their calves. A bull with a weaning weight EPD of +40 would be expected to produce calves that averaged 10 pounds heavier at weaning compared to calves produced by a bull of the same breed with a +30 weaning weight EPD. The same is true for birth and yearling EPDs. Milk EPDs are an indication of the added weight at weaning of a bull’s daughter’s calves due to the bull’s transmission of milking ability.

**Calving Ease Direct (CED)** is expressed as a difference in percentage of unassisted births, with a higher value indicating greater calving ease in first-calf heifers. It predicts the average difference in ease with which a sire’s calves will be born when he is bred to first-calf heifers.

**Birth Weight (BW)**, expressed in pounds, is a predictor of a sire’s ability to transmit birth weight to his progeny compared to that of other sires.

**Weaning Weight (WW)**, expressed in pounds, is a predictor of a sire’s ability to transmit weaning growth to his progeny compared to that of other sires.

**Yearling Weight (YW)**, expressed in pounds, is a predictor of a sire’s ability to transmit yearling growth to his progeny compared to that of other sires.

**Scrotal Circumference (SC)**, expressed in centimeters, is a predictor of the difference in transmitting ability for scrotal size compared to that of other sires.

**Maternal Milk (MILK)** is a predictor of a sire’s genetic merit for milk and mothering ability as expressed in his daughters compared to daughters of other sires. In other words, it is that part of a calf’s weaning weight attributed to milk and mothering ability.

**Carcass Weight (CW)**, expressed in pounds, is a predictor of the differences in hot carcass weight of a sire’s progeny compared to progeny of other sires.

**Marbling (MARB)**, expressed as a fraction of the difference in USDA marbling score of a sire’s progeny compared to progeny of other sires.

**Ribeye Area (RE)**, expressed in square inches, is a predictor of the difference in ribeye area of a sire’s progeny compared to progeny of other sires.

**Fat Thickness (FAT)**, expressed in inches, is a predictor of the differences in external fat thickness at the 12th rib (as measured between the 12th and 13th ribs) of a sire’s progeny compared to progeny of other sires.

**SValue Indexes** are multi-trait selection indexes, expressed in dollars per head, to assist beef producers by adding simplicity to genetic selection decisions. The **SValue** 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.

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

**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.

*Adj. % IMF – The percent intramuscular fat (marbling) adjusted to 365 days of age. Heritability of marbling is in the moderate range.

*Adj. Rib Fat – Backfat measured in inches adjusted to 365 days of age.

*Adj. REA – Ribeye area measured in square inches and adjusted to 365 days of age.

*Individual ultrasound measurements are adjusted to 365 days for bulls and 390 days for heifers.

EPDs shown in this catalog were current as of January 1, 2019. Yearling carcass and performance data as well as updated Genomic Enhanced EPDs should be available sale day. Current EPDs may be viewed anytime at www.angus.org.
<table>
<thead>
<tr>
<th><strong>UG Territory 8501</strong></th>
<th><strong>UG Rampage 8505</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Angus Bull</strong> • 11/30/2017 • 8501 • 19289590</td>
<td><strong>Angus Bull</strong> • 12/13/2017 • 8505 • 19289547</td>
</tr>
<tr>
<td>CED</td>
<td>BW</td>
</tr>
<tr>
<td>I+3</td>
<td>I+1.9</td>
</tr>
<tr>
<td><strong>CW MARB RE FAT SW SB</strong></td>
<td><strong>CW MARB RE FAT SW SB</strong></td>
</tr>
<tr>
<td>+47.97</td>
<td></td>
</tr>
</tbody>
</table>

S Chisum 6175  
Balbridge Territory Z068  
Balbridge Maverick T43  
Connealy Capitalist 028  
UG Miss Capitalist 6512  
UG Miss New Day 9522  

<table>
<thead>
<tr>
<th><strong>UG Rampage 8505</strong></th>
<th><strong>UG Rampage 8505</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Angus Bull</strong> • 12/13/2017 • 8505 • 19289547</td>
<td><strong>Angus Bull</strong> • 01/02/2018 • 8519 • 19289548</td>
</tr>
<tr>
<td>CED</td>
<td>BW</td>
</tr>
<tr>
<td>+10</td>
<td>+1.6</td>
</tr>
<tr>
<td><strong>CW MARB RE FAT SW SB</strong></td>
<td><strong>CW MARB RE FAT SW SB</strong></td>
</tr>
<tr>
<td>+63.63</td>
<td></td>
</tr>
</tbody>
</table>

MCC Daybreak  
Quaker Hill Rampage 0A36  
QHF Blackcap 6E2 of4V16 4355  
G A R Prophet  
UG Miss Prophet 6524  
UG Miss Final Answer 3504  
UG Ms Saugahatchee 1607 6576
<table>
<thead>
<tr>
<th>UGA ANGUS BULLS (LOTS 1-25)</th>
</tr>
</thead>
</table>
| **9 UG War Party 8522**  
Angus Bull • 01/03/2018 • 8522 • 19285941 |
| CED  | BW | WW | YW | SC  | MILK |
| +10  | -0.8 | +49 | +90  | +1.21 | +34 |
| CW | MARB | RE | FAT | SW  | SB  |
| +34  | I-34  | I+38 | I+55   | I+012 | +53.31  | +111.21 |
| Connealy Onward  
Werner War Party 2417  
BAAR USA Lady Jaye 489  
L T 598 Bando 9074  
UG Miss Bando 9074 2523  
UG Miss Alliance 7534 |

| **10 UG Chisum 8523**  
Angus Bull • 01/03/2018 • 8523 • 19285939 |
| CED  | BW | WW | YW | SC  | MILK |
| +7  | +1.3 | +49 | +84  | +21  | |
| CW | MARB | RE | FAT | SW  | SB  |
| S Alliance 3313  
S Chisum 6175  
S Gloria 464  
Yon JMK Objective W706  
UG Miss Objective W706 5538  
UG Miss Bushwacker 9563 2534 |

| **11 UG War Party 8525**  
Angus Bull • 01/04/2018 • 8525 • 19285940 |
| CED  | BW | WW | YW | SC  | MILK |
| +3  | +2.6 | +55 | +95  | I+1.25 | +35 |
| CW | MARB | RE | FAT | SW  | SB  |
| +34  | I+34  | I+31 | I+66  | I-008 | +53.71  | +111.29 |
| Connealy Onward  
Werner War Party 2417  
BAAR USA Lady Jaye 489  
UG Newsline 8514  
UG Miss Newsline 8514 0557  
UG Miss Newsline 8527 |

| **12 UG War Party 8526**  
Angus Bull • 01/04/2018 • 8526 • 19285943 |
| CED  | BW | WW | YW | SC  | MILK |
| +8  | +0.5 | +50 | +85  | +34  | |
| CW | MARB | RE | FAT | SW  | SB  |
| S Alliance 3313  
S Chisum 6175  
S Gloria 464  
Yon JMK Objective W706  
UG Miss Objective W706 5538  
UG Miss Bushwacker 9563 2534 |

| **13 UG War Party 8528**  
Angus Bull • 01/05/2018 • 8528 • 19285942 |
| CED  | BW | WW | YW | SC  | MILK |
| +9  | +0.8 | +60 | +110  | I+1.18 | +33 |
| CW | MARB | RE | FAT | SW  | SB  |
| +38  | I+38  | I+26 | I+59  | I+012 | +58.05  | +119.12 |

| **14 UG Confidence 524 8530**  
Angus Bull • 01/05/2018 • 8530 • 19285951 |
| CED  | BW | WW | YW | SC  | MILK |
| +14  | -0.5 | +48 | +87  | +23  | |
| CW | MARB | RE | FAT | SW  | SB  |
| +43.44  | |
| Connealy Confidence 0100  
Ver Confidence 524  
GRP Ankony EXT J056  
G A R Prophet  
UG Miss Prophet 6514  
UG Miss Bottomline 6550 |

| **15 UG Confidence 524 8531**  
Angus Bull • 01/05/2018 • 8531 • 19285956 |
| CED  | BW | WW | YW | SC  | MILK |
| +10  | +0.6 | +43 | +77  | +22  | |
| CW | MARB | RE | FAT | SW  | SB  |
| +37.44  | |
| Connealy Confidence 0100  
Ver Confidence 524  
GRP Ankony EXT J056  
UG Chisum 35073507  
UG Miss Chisum 3507 6543  
UG Miss New Day 0549 |

| **16 UG Rampage 8532**  
Angus Bull • 01/06/2018 • 8532 • 19285955 |
| CED  | BW | WW | YW | SC  | MILK |
| +9  | +1.7 | +67 | +112  | I+1.21 | +22 |
| CW | MARB | RE | FAT | SW  | SB  |
| +56.12  | +131.14 |
| MCC Daybreak  
Quaker Hill Rampage 0A36  
QHF Blackcap 6E2 64V16 4355  
S A V Final Answer 0035  
UG Miss Final Answer 2524  
UG Miss Newsline 8511 |
### UGA Angus Bulls (Lots 1-25)

#### Lot 17
**UG Hoover Dam 8535**
- **Angus Bull**: 01/06/2018 • 8535 • 19285954
- **CED**
  - BW: -1
  - WW: +3.1
  - YW: +50
  - SC: +89
  - MILK: +1.00
  - SB: +27
- **CW**
  - MARB: I+33
  - RE: I+55
  - FAT: I+52
  - SW: I+006
  - SB: +41.00
  - SB: +116.18
- **Results**
  - BW AWW: 95 648
  - SydGen C C & 7
  - Hoover Dam
  - Erica of Ellston C124
  - Lemmon Newsline C804
  - UG Miss Newsline 9555
  - UG Miss Alliance 7524

#### Lot 18
**UG Chisum 8536**
- **Angus Bull**: 01/07/2018 • 8536 • 19285953
- **CED**
  - BW: +2
  - WW: +3.2
  - YW: +64
  - SC: +108
  - MILK: +21
- **CW**
  - MARB: I+38
  - RE: I+22
  - FAT: I+39
  - SW: I+012
  - SB: +52.12
  - SB: +115.78
- **Results**
  - BW AWW: 85 626
  - S Alliance 3313
  - S Chisum 6175
  - S Gloria 464
  - S A V Final Answer 0035
  - UG Miss Final Answer 4511
  - UG Miss Chisum 2514

#### Lot 19
**UG Rampage 8538**
- **Angus Bull**: 01/08/2018 • 8538 • 19285949
- **CED**
  - BW: +4
  - WW: +3.6
  - YW: +74
  - SC: +125
  - MILK: +22
- **CW**
  - MARB: I+39
  - RE: I+38
  - FAT: I+92
  - SW: I-029
  - SB: +54.26
  - SB: +136.40
- **Results**
  - BW AWW: 95 688
  - Mcc Daybreak
  - Quaker Hill Rampage 0A36
  - QHF Blackcap 6E2 of4V16 4355
  - S A V Final Answer 0035
  - UG Miss Final Answer 4507
  - UG Miss Bushwacker 9563 2519

#### Lot 20
**UG Renown 8542**
- **Angus Bull**: 01/09/2018 • 8542 • 19285932
- **CED**
  - BW: +0
  - WW: +2.3
  - YW: +63
  - SC: +108
  - MILK: +24
- **CW**
  - MARB: I+38
  - RE: I+22
  - FAT: I+39
  - SW: I+012
  - SB: +52.12
  - SB: +115.78
- **Results**
  - BW AWW: 85 626
  - Rito 707 of Ideal 3407 7075
  - S A V Renown 3439
  - S A V Blackcap May 4136
  - UG Bando 9074 0525
  - UG Miss Bando 0525 3522
  - UG Miss Newsline 0522

#### Lot 21
**UG Confidence 524 8544**
- **Angus Bull**: 01/16/2018 • 8544 • 19285933
- **CED**
  - BW: +9
  - WW: +.7
  - YW: +39
  - SC: +69
  - MILK: +23
- **CW**
  - MARB: I+39
  - RE: I+38
  - FAT: I+91
  - SW: I+015
  - SB: +43.67
  - SB: +110.33
- **Results**
  - BW AWW: 73 557
  - Connealy Confidence 0100
  - Ver Confidence 524
  - GRP Ankony EXT J056
  - UG Thunder 1508
  - UG Miss Thunder 1508 6537
  - UG Miss Newsline 8514 4546

#### Lot 22
**UG Chisum 3507 8551**
- **Angus Bull**: 01/22/2018 • 8551 • 19285937
- **CED**
  - BW: +12
  - WW: -1.3
  - YW: +52
  - SC: +85
  - MILK: +27
- **CW**
  - MARB: I+38
  - RE: I+36
  - FAT: I+35
  - SW: I+043
  - SB: +55.42
  - SB: +111.19
- **Results**
  - BW AWW: 72 655
  - S Chisum 6175
  - UG Chisum 35073507
  - UG Miss Expectation 5514
  - S A V Final Answer 0035
  - UG Miss Final Answer 4505
  - UG Miss Bando 9074 2523

#### Lot 23
**UG Chisum 3507 8552**
- **Angus Bull**: 01/22/2018 • 8552 • 19285936
- **CED**
  - BW: +8
  - WW: -.1
  - YW: +40
  - SC: +68
  - MILK: +29
- **CW**
  - MARB: I+39
  - RE: I+50
  - FAT: I+015
  - SW: I+91
  - SB: +43.67
  - SB: +110.33
- **Results**
  - BW AWW: 76 582
  - S Chisum 6175
  - UG Chisum 35073507
  - UG Miss Expectation 5514
  - UG Bushwacker 7528 9563
  - UG Miss Bushwacker 9563 2522
  - UG Miss Newsline 0554

#### Lot 24
**UG Chisum 3507 8556**
- **Angus Bull**: 01/25/2018 • 8556 • 19285935
- **CED**
  - BW: +8
  - WW: +1.1
  - YW: +47
  - SC: +81
  - MILK: +28
- **CW**
  - MARB: I+40
  - RE: I+33
  - FAT: I+39
  - SW: I+032
  - SB: +46.71
  - SB: +114.23
- **Results**
  - BW AWW: 80 607
  - S Chisum 6175
  - UG Chisum 35073507
  - UG Miss Expectation 5514
  - Connealy Thunder
  - UG Miss Thunder 1501
  - UG Miss Traveler 004 9504
## UGA Angus Bulls (Lots 1-25)

### Lot 25: Ug J & S 010 X 8558

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MILK</th>
</tr>
</thead>
<tbody>
<tr>
<td>+0</td>
<td>+4.4</td>
<td>+49</td>
<td>+85</td>
<td>I+98</td>
<td>+26</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>FAT</th>
<th>SW</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>I+28</td>
<td>I+37</td>
<td>I+46</td>
<td>I+0.04</td>
<td>+35.62</td>
<td>+96.69</td>
</tr>
</tbody>
</table>

Sitz Wisdom 481T
J & S 010 X
J&S 823
S A V Bismark 5682
UG Miss Bismark 5508
UG Miss Lemmon Newsline 9525

## CPES Angus Bulls (Lots 26-28)

### Lot 26: CPES New Design 8607

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MILK</th>
</tr>
</thead>
<tbody>
<tr>
<td>+12</td>
<td>-.7</td>
<td>+47</td>
<td>+82</td>
<td>I+39</td>
<td>+33</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>FAT</th>
<th>SW</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>I+23</td>
<td>I+80</td>
<td>I+29</td>
<td>I+0.15</td>
<td>+55.17</td>
<td>+104.05</td>
</tr>
</tbody>
</table>

B/R New Design 036
Bon View New Design 878
Bon View Gammer 85
G A R Progress
CPES Ms Progress 3631
CPES Blkbird F Ans LO 0717

### Lot 27: CPES Combination 8006

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MILK</th>
</tr>
</thead>
<tbody>
<tr>
<td>+5</td>
<td>+1.1</td>
<td>+50</td>
<td>+90</td>
<td>I+1.25</td>
<td>+24</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>FAT</th>
<th>SW</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>I+32</td>
<td>I+.49</td>
<td>I+.41</td>
<td>I+.025</td>
<td>+46.58</td>
<td>+120.38</td>
</tr>
</tbody>
</table>

Connealy Consensus
Connealy Combination 0188
Black Cayra of Conanga 8127
Lemmon CC&7 Z64
CPES Miss Z64 CC&7 5632
CPES Miss Reliable 1681

### Lot 28: CPES New Design 8610

<table>
<thead>
<tr>
<th>CED</th>
<th>BW</th>
<th>WW</th>
<th>YW</th>
<th>SC</th>
<th>MILK</th>
</tr>
</thead>
<tbody>
<tr>
<td>+5</td>
<td>+1.5</td>
<td>+29</td>
<td>+53</td>
<td>I+53</td>
<td>+25</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CW</th>
<th>MARB</th>
<th>RE</th>
<th>FAT</th>
<th>SW</th>
<th>SB</th>
</tr>
</thead>
<tbody>
<tr>
<td>I+13</td>
<td>I+.56</td>
<td>I+.17</td>
<td>I+.026</td>
<td>+27.49</td>
<td>+77.37</td>
</tr>
</tbody>
</table>

B/R New Design 036
Bon View New Design 878
Bon View Gammer 85
JLM Lead ON 0057
CPES Commitment LO-0057 0699
Cpes Miss Commitment 7698

---

To view the catalog online, visit: www.ugabeef.com/focusonepds
<table>
<thead>
<tr>
<th>Page</th>
<th>CPES Miss Combination 8601</th>
<th>CPES Miss Combination 8602</th>
</tr>
</thead>
<tbody>
<tr>
<td>29</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+6 +.5 +56 +97 +21</td>
<td>+7 –.5 +46 +82 +1.36 24</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>+47.80</td>
<td>I+30 I+.39 I+.31 I+.031 +45.78 108.88</td>
</tr>
<tr>
<td></td>
<td>Connealy Consensus</td>
<td>Connealy Consensus</td>
</tr>
<tr>
<td></td>
<td>Black Cayra of Conanga 8127</td>
<td>Black Cayra of Conanga 8127</td>
</tr>
<tr>
<td></td>
<td>Lemmon C C &amp; 7 B38</td>
<td>K C F Bennett Reliable</td>
</tr>
<tr>
<td></td>
<td>CPES Miss CC&amp;7 6623</td>
<td>Cpes MS Reliable 2655</td>
</tr>
<tr>
<td></td>
<td>Cpes MS Objective 2638</td>
<td>Cpes Blkcap WT Threat 4654</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>30</th>
<th>CPES Miss New Design 8603</th>
<th>CPES Miss New Design 8608</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+8 +.9 +43 +81 +28</td>
<td>+10 +.6 +53 +95 +26</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>I+29 I+.56 I+.43 I+.005 +42.19 +115.82</td>
<td>+46.81</td>
</tr>
<tr>
<td></td>
<td>B/R New Design 036</td>
<td>Sitz Upward 307R</td>
</tr>
<tr>
<td></td>
<td>Bon View New Design 878</td>
<td>Jarrell Upward Z38</td>
</tr>
<tr>
<td></td>
<td>Bon View Gammer 85</td>
<td>Jarrell Jlt 24U</td>
</tr>
<tr>
<td></td>
<td>Connealy Forward</td>
<td>CPES Miss Upward 6628</td>
</tr>
<tr>
<td></td>
<td>CPES Miss Forward 4618</td>
<td>Cpes MS Mentor 2623</td>
</tr>
<tr>
<td></td>
<td>Cpes S138 Pride NF 9740</td>
<td>Cpes Ms HAF Upward 3619</td>
</tr>
<tr>
<td></td>
<td></td>
<td>B/R New Design 036</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bon View New Design 878</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bon View Gammer 85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>44 Upward 026L</td>
</tr>
<tr>
<td></td>
<td></td>
<td>CPES Miss 026L Upward 5643</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Cpes MS Final Answer 2609</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>31</th>
<th>CPES Miss Hickory 8605</th>
<th>CPES Miss New Design 8611</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+8 +.9 +54 +91 +25</td>
<td>+9 +.6 +46 +81 +29</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>I+46 I+.46 I+.42 I+.009 +50.43 +136.56</td>
<td>+46.81</td>
</tr>
<tr>
<td></td>
<td>Plattemere Weigh Up K360</td>
<td>B/R New Design 036</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Old Hickory</td>
<td>Bon View New Design 878</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Rita 1126</td>
<td>Bon View Gammer 85</td>
</tr>
<tr>
<td></td>
<td>H A F Forward 100</td>
<td>44 Upward 026L</td>
</tr>
<tr>
<td></td>
<td>CPES Ms HAF Upward 3619</td>
<td>CPES Miss 026L Upward 5643</td>
</tr>
<tr>
<td></td>
<td>Cpes Newsline Blackbird 5616</td>
<td>Cpes MS Final Answer 2609</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>32</th>
<th>CPES Miss Hickory 8606</th>
<th>CPES Miss New Design 8611</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+6 +1.3 +52 +88 +26</td>
<td>+9 +.6 +46 +81 +29</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>I+32 I+.40 I+.52 I+.015 +52.40 +116.03</td>
<td>+46.81</td>
</tr>
<tr>
<td></td>
<td>Plattemere Weigh Up K360</td>
<td>B/R New Design 036</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Old Hickory</td>
<td>Bon View New Design 878</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Rita 1126</td>
<td>Bon View Gammer 85</td>
</tr>
<tr>
<td></td>
<td>JLM Lead ON 0057</td>
<td>44 Upward 026L</td>
</tr>
<tr>
<td></td>
<td>CPES Blkbird F Ans L0 0717</td>
<td>CPES Miss 026L Upward 5643</td>
</tr>
<tr>
<td></td>
<td>Cpes Miss Final Answer 7643</td>
<td>Cpes MS Final Answer 2609</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>33</th>
<th>CPES Miss Hickory 8606</th>
<th>CPES Miss New Design 8611</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+6 +1.3 +52 +88 +26</td>
<td>+9 +.6 +46 +81 +29</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>I+32 I+.40 I+.52 I+.015 +52.40 +116.03</td>
<td>+46.81</td>
</tr>
<tr>
<td></td>
<td>Plattemere Weigh Up K360</td>
<td>B/R New Design 036</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Old Hickory</td>
<td>Bon View New Design 878</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Rita 1126</td>
<td>Bon View Gammer 85</td>
</tr>
<tr>
<td></td>
<td>JLM Lead ON 0057</td>
<td>44 Upward 026L</td>
</tr>
<tr>
<td></td>
<td>CPES Blkbird F Ans L0 0717</td>
<td>CPES Miss 026L Upward 5643</td>
</tr>
<tr>
<td></td>
<td>Cpes Miss Final Answer 7643</td>
<td>Cpes MS Final Answer 2609</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>34</th>
<th>CPES Miss Hickory 8606</th>
<th>CPES Miss New Design 8611</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
<td><strong>CED</strong> BW WW YW SC MILK</td>
</tr>
<tr>
<td></td>
<td>+6 +1.3 +52 +88 +26</td>
<td>+9 +.6 +46 +81 +29</td>
</tr>
<tr>
<td></td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
<td><strong>CW</strong> MARB RE FAT SW SB</td>
</tr>
<tr>
<td></td>
<td>I+32 I+.40 I+.52 I+.015 +52.40 +116.03</td>
<td>+46.81</td>
</tr>
<tr>
<td></td>
<td>Plattemere Weigh Up K360</td>
<td>B/R New Design 036</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Old Hickory</td>
<td>Bon View New Design 878</td>
</tr>
<tr>
<td></td>
<td>Deer Valley Rita 1126</td>
<td>Bon View Gammer 85</td>
</tr>
<tr>
<td></td>
<td>JLM Lead ON 0057</td>
<td>44 Upward 026L</td>
</tr>
<tr>
<td></td>
<td>CPES Blkbird F Ans L0 0717</td>
<td>CPES Miss 026L Upward 5643</td>
</tr>
<tr>
<td></td>
<td>Cpes Miss Final Answer 7643</td>
<td>Cpes MS Final Answer 2609</td>
</tr>
<tr>
<td>Lot Number</td>
<td>Tattoo</td>
<td>DOB</td>
</tr>
<tr>
<td>------------</td>
<td>--------</td>
<td>-----------</td>
</tr>
<tr>
<td>37</td>
<td>8006</td>
<td>12/13/2017</td>
</tr>
<tr>
<td>38</td>
<td>8134</td>
<td>1/22/2018</td>
</tr>
<tr>
<td>39</td>
<td>8171</td>
<td>2/5/2018</td>
</tr>
<tr>
<td>40</td>
<td>8185</td>
<td>2/9/2018</td>
</tr>
<tr>
<td>41</td>
<td>8189</td>
<td>2/12/2018</td>
</tr>
<tr>
<td>42</td>
<td>8191</td>
<td>2/13/2018</td>
</tr>
<tr>
<td>43</td>
<td>8212</td>
<td>3/8/2018</td>
</tr>
<tr>
<td>44</td>
<td>8214</td>
<td>3/14/2018</td>
</tr>
</tbody>
</table>

“Our Department has a strong tradition of service, and we will continue our service to the industry through applied and basic research that benefits animal agriculture, and a great group of Extension faculty who translate the research into programs that are useful to the industry.”

– Dr. Francis L. Fluharty
Professor and Head
Department of Animal and Dairy Science
TERMS of the sale are cash unless prior credit arrangements are established between buyer and seller. Settlements are to be made with the clerk immediately after the conclusion of the auction. Parties unknown to the sale management desiring to settle by personal check, should bring a letter of identification from their banker.

BIDDING & DISPUTES – Each animal will be sold to the highest bidder. The auctioneer in charge will settle any disputes which might arise, and his decision will be final. The auctioneer shall have the right to refuse bids from anyone who has a previous record of default in payment.

PURCHASER’S RISK – Each animal becomes the property of the purchaser when sold and will be maintained at the purchaser’s risk.

MORTALITY INSURANCE is available. Buyers wishing to insure their purchases may do so by contacting Cannon Marketing Company, Inc.

HEALTH – All animals are eligible for interstate shipment, except as otherwise announced. Interstate health certificates will be available for each animal. It is the responsibility of the buyer to know the health restrictions of his/her state and to be aware of the possibility of any subsequent testing of any animals purchased through this sale as required by law.

REGISTRATION – A certificate of registry, properly transferred, will be furnished by the seller on each registered animal sold. Any exceptions will be announced from the auction box.

BREEDING GUARANTEE – All bulls have been semen tested and have successfully passed. Bulls are guaranteed to be breeders with the exception of:

(A) Injury or disease occurring to the animal after the sale.

(B) Gross negligence or willful misconduct on the part of the purchaser.

This guarantee is a contract between the buyer and the seller. All other parties are acting as agents or representatives only. Any legal action that may in extreme cases have to be taken must be between the buyer and the seller and will in no way involve Cannon Marketing Company, Inc.

ANNOUNCEMENTS made from the auction block on sale day shall take precedence over information printed in the catalog. It is therefore the buyer’s responsibility to pay attention to any such announcements.

ABSENTEE BIDS will be handled in a most confidential manner if you are unable to attend the sale. Please contact Cannon Marketing Company, Inc., if you need assistance.

LIABILITY – All persons attend the sale at their own risk, and the seller and the sale manager assume no liability, legal or otherwise, for any accidents occurring in, on, or about the premises. Cannon Marketing Company, Inc., is acting only as a medium between buyer and seller and is not in any way responsible for any failure on the part of either party to live up to his obligations. The information contained in this catalog and any subsequent publications was provided to the sale management by the seller – therefore, the sale management assumes no responsibility or liability for the accuracy of information contained herein or for any representations or warranties of the seller, whether written or oral, express or implied. Neither does Cannon Marketing Company, Inc., assume any financial obligations to collect or enforce collection of any monies between parties. Any legal action must be between buyer and seller. The buyer must look to the seller for fulfillment of all guarantees and representations made hereunder.

EPDs shown in this catalog were current as of January 1, 2019. Yearling carcass and performance data as well as updated Genomic Enhanced EPDs should be available sale day.

Current EPDs may be viewed anytime at www.Angus.org.
To view the catalog and videos online, visit: www.ugabeef.com/focusonepds.