

March 6, 2017

Dear Buyers:

On behalf of the CSU Seedstock Merchandising Team, I am excited to invite you to attend our 41st annual bull sale on **March 25, 2017** at the CSU Agricultural Research, Development, and Education Center (ARDEC), located at 4482 East County Road 56. We are offering you the best of our 2016-born Angus and Hereford bulls, and a set of 23 commercial non-registered open heifers. Bulls have been tested for feed efficiency, pulmonary arterial pressure (PAP), BVD-PI status, ultrasound carcass traits, genomics, growth, and fertility. Up-to-date bull pictures and videos are posted at www.csubulls.com.

Private Treaty Sale with “Bid-off” Method. We will continue offering our bulls and heifers for sale via private treaty to enable our students to interact more with customers, give customers more time to make buying decisions, and hold a low-stress event. Every animal has been individually pre-priced with a “base price” – a list of these prices is included with this catalog. At 11 am, buyers and selling prices will be determined for each animal in sale order. If only one person is interested in an animal at its base price, then that person will be identified as the buyer by the sale coordinator. If more than one person is interested, a slow-speed bid-off will be conducted by the sale coordinator to determine the high bidder and price. This includes the base prices for heifers for “choice” of heifers in a pen, or for the entire pen of heifers.

Sale Time – 11:00 am. Join us at 9 am for coffee and donuts, and then view our bulls and heifers. At 11 am (sharp) we will start identifying buyers and sale prices in lot order.

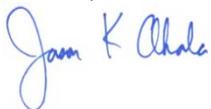
Plan to join us for lunch at 12:30 pm (after the sale) – catered by the CSU Meat Judging Team!

23 Heifers Selling. We have a solid group of non-registered commercial heifers for sale. Information on the heifers is included on page 1 of the catalog, and prices are on the sheet included in this mailing.

Thank You. I want to personally thank you for your continued support of the CSU Seedstock Program through your past purchases. As a result, CSU has been able to provide high quality seedstock to cow/calf producers for several decades. More importantly, our students can participate directly in the annual marketing of seedstock cattle via a unique hands-on and real-world learning experience.

I look forward to seeing you at our upcoming sale. Please feel free to contact either myself (970-491-3312 or jason.ahola@colostate.edu) or Dave Schafer (970-491-2815 or david.schafer@colostate.edu), ARDEC Livestock Manager, with questions.

Thanks,



Jason K. Ahola, Ph.D.
Associate Professor, Beef Production Systems
Advisor, CSU Seedstock Merchandising Team

over →

An explanation of performance data published in this catalog:

4 **CSU D126**

1869447 **3** 2/3/2016 **5** AI **7** P **9** Pen:60 **11**

Angus **4** BLK **6** B **8** CSU **10**

Rito 707 of Ideal 3407 7075

SAV RESOURCE 1441

S A V Blackcap May 4136

S A V Final Answer 0035

CSU MISS X108

CSU Ms Ram Power 2144

Phenotype	
BW	90 12
AWW	620 13
AYW	1,109 14
YHT	46.5 15
SCR	41.2 16
REA	13.5 17
IMF	4.9 18
DSP	3.5 19

CED	BW	WW	YW	Milk	Marb	REA	F:G	RFI
4 20	1.3 21	60 22	106 23	22 24	0.56 25	0.83 26	7.1 27	-4.1 28

RFI TESTED

With one of the largest scrotal circumferences in the sale, butchers growth, heavy muscling, a feed-efficient RFI of -4.1 (he ate 4.1 lbs/day less than expected), and a great combination of ribeye area and marbling.

1. Lot number
2. Eartag number (our in-herd identification)
3. Breed association registration number
4. Breed [100% Angus (100AN), 100% Hereford (100HH), etc.]
5. Birthdate
6. Color (BLK = black, RWF = red white faced)
7. Mating (AI = artificial insemination, NS = natural service, ET = embryo transfer)
8. Sex (B = bull, H = heifer)
9. H = horned, P = polled, S = scurred
10. Owner (CSU ARDEC)
11. Pen location (all CSU bulls will be in pens 60-64 at the "Cow/calf Unit")
12. BW = actual birth weight (lbs, not adjusted)
13. AWW = adjusted 205-day weaning weight (lbs)
14. AYW = adjusted 365-day yearling weight (lbs)
15. YHT = adjusted yearling hip height (inches)
16. SCR = adj.yearling scrotal circumference (cm)
17. REA = adjusted ultrasound ribeye area (in²)
18. IMF = adjusted ultrasound intra-muscular fat (marbling, reported as a percentage)
19. DSP = disposition on a 5-point scale (1 = bad, 3 = acceptable, 5 = a "pet")
20. CED EPD = calving ease direct EPD (from respective breed associations)
21. BW EPD = birth weight (from the associations)
22. WW EPD = weaning wt (from the associations)
23. YW EPD = yearling wt (from the associations)
24. Milk EPD = milk (from the associations)
25. Marb EPD = marbling (from the associations)
26. REA EPD = ribeye area (from the associations)
27. F:G = animal's feed to gain ratio (pounds of feed required per pound of gain, on a dry matter basis) determined during a 56-day test
28. RFI = residual feed intake – the difference between pounds of feed (on a dry matter basis) that a bull was predicted to consume vs. what he actually consumed each day during a 70-day test. A negative RFI value is preferred if you are selecting for improved feed efficiency.
29. Notes on each animal from the Seedstock Team, including results of any tests for genetic defects (DD = developmental duplication; OH = Oculocutaneous Hypopigmentation).
30. "RFI Tested" logo = this indicates that the bull was evaluated for residual feed intake (RFI) during a 56-day test in CSU's Feed Intake Unit.

Additional information is available on-line including a picture and video of every bull in the catalog (www.csubulls.com). Results for PAP and fertility testing for every animal will be available on the supplement sheet on sale day.