



67TH ANNUAL
CAL POLY BULL TEST
CONSIGNOR'S HANDBOOK

2023 PERFORMANCE BULL TEST

- Ration designed to optimize performance of bulls
- Performance Data Collected- Receive Monthly Update via email
- Frame Score Calculation
- Full Breeding Soundness Evaluation
- Ultrasound Scan Data Collected and reported to respective breed associations
- Managed and Monitored Daily by Cal Poly Performance Bull Test Team

2022 SALE STATISTICS

- 62 bulls out of a total of 110 bulls were sold at an average of **\$6,230**
- Cal Poly strives to educate its students in practical applications of their learning. The Bull Test has tremendous educational benefits. Students work in all aspects of the Bull Test including administrative activities, herd health, computer use for data analysis, ration formulation, and merchandising. Students in charge of this annual activity are all upper-class students with extensive training in animal care and management.

COST FOR 2023

Approximations for the average overall cost of a bull on test:

- Entry Fee (per head): \$150
- Yardage Fee (per head, per day): \$0.50
- Feed (prorated by monthly weight of individual bull): \$1,550 *approx.*
- Veterinary Costs (cost +50%)
- Veterinary Services (a consulting veterinarian will be hired, fee is prorated between bulls)
- Semen Test (per head): \$50 *approx.*
- Private Treaty Sales (per head): \$50
- Ultrasound (per head): \$40 *approx.*
- Sale: (prorated on percent gross sale/head, *approx.* 10% for sale bulls)

POLICY FOR 2023

- Angus bulls will be required to have a Zoetis 50K (HD50K/i50k) or a Neogen GeneSeek Genomic Profiler Bovine HD (GGP-HD) test performed **prior to entering the test**. Without this you will not be able to sell. You will have 14 days after entering the Bull Test facility to have genomic testing completed. After 14 days, bulls will be removed from the test. The Cal Poly Bull Test can check this easily based on the animal's registration number. This is optional for other breeds. If other breeds choose to utilize genomic testing, that information will be available in the sale catalog.

Ring worm policy: Any bulls delivered with live ring worm, which is defined as no apparent hair growth coming into the ring spot, will be assessed a \$50 fine. This will be determined upon bull delivery. No fines will be assessed to bulls breaking with ringworm after the delivery date. This will not eliminate ring worm, but hopefully provide incentive to treat problems aggressively prior to the test.

DELIVERY CHECKLIST

The following must accompany Bulls at arrival:

- ✓ Application for Registration or Registration papers
- ✓ Cal Poly Bull Test Entry form and entry fee
- ✓ Recommended vaccinations records
- ✓ Negative PI-BVD test results
- ✓ Signed Cal Poly Bull Test contract

Cal Poly will not register/submit samples for DNA purposes. All checklist items must be provided within 14 days of bulls entering the facility. After this period, bulls will be removed from the test and will be ineligible for the sale.

TOP CONSIGNMENT

- A special award will be presented to the ranch with the top consignment. The award will be given to the consignor with the top set of bulls (minimum of 5) over all breeds. The award is based on feed efficiency and growth performance across all consigned bulls.

BULL ELIGIBILITY

Bulls are eligible for application if:

- Born between August 1 and October 31, 2022
- Registered prior to arrival
- Weaned and preconditioned at least 3 weeks prior to shipment.
- Up to date on clostridium and respiratory vaccinations
- Recommended: *four weeks prior to delivery with a seven-way clostridium and respiratory vaccination of IBR, PI3, BVD, Pasteurella and BRSV (modified-live, given twice before arrival with the second shot given 20 days prior to delivery)*
- Bunk broke
- Free of any structural defects or abnormalities
- No evidence of ringworm, lice, pinkeye, etc.
- Tested negative for PI-BVD
- Weigh 550 lbs at the start of the test.
- Good disposition
- All Red Angus, Angus, or Angus Composite bulls that are potential carriers of AM, NH, CA, DD, M1 or any ancestral genetic defect must be tested free. No genetic carrier animals will be eligible to sell.

Cal Poly reserves the right to sift any bull not meeting these requirements.

SALE ELIGIBILITY

Bulls must meet the following criteria to be eligible for sale:

Total EPD Percentile Rank less than or equal to 150% for CED, WW, and YW of respective breed association

Cal Poly Test Index (CPTI) is based on: 50% Feed Conversion Rate and 50% ADG Ratio

- CPTI = 100+ OR
- CPTI = 97+ and ADJ YW 1150 lb. OR
- CPTI = 92+, top 30% of respective breed for CED EPD (determined by respective breed association current data for Spring 2023), and ADJ YW 1150 lb.
- Scrotal circumference of 32 cm. or better when adjusted to 365 days old
- No reproductive issues
- Structurally sound

Buyers will be provided with breeding soundness evaluations, frame score, pen score, scrotal circumference, EPDs (birth, weaning, yearling, milk, scrotal and carcass EPDs), and ultrasound measurement for fat thickness, ribeye area and marbling.

CONSIGNOR'S INFORMATION

We request the following information when Bulls are consigned to the test:

- The number of bulls to be consigned- NO maximum or minimum
- Breed(s) of bulls
- Name, address and phone number of the owner and manager. Please fill out the application below and return with your entry fee. You will then receive a form to be completed and returned concerning your consignment when the bulls are brought to Cal Poly in May.
- An entry fee of **\$150/hd. must be received** to reserve your space. This fee is refundable if we are notified by 05/7/2023.

Please fill out the application, enclose the entry fee and return entries postmarked by 4/17/2023 in order to guarantee your space.

Mail To: Cal Poly Bull Test
Animal Science Department
1 Grand Ave
San Luis Obispo, CA 93407-0255



Ranch Name: _____

Contact Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Home Phone: (____) _____ - _____

Cell Phone: (____) _____ - _____

Fax: (____) _____ - _____

Email Address: _____

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Yes, I would like to consign bull(s) to the 2023 Cal Poly Bull Test.

No. of Bulls: _____ Breed(s): _____

Amount Enclosed: \$ _____ (\$150/bull)

Please make checks payable to Cal Poly Corporation

FINAL RESULTS

- Final results will be determined by combining the Cal Poly Bull Test Index (CPTI), using 50% ADG Ratio and 50% Feed Conversion Ratio.
- Final CPTI determined after the Final weigh day. (See Sale Eligibility)
- Sale Order Index will be determined by 60% CPTI + 40% EPD ratio
- Each breed division will have a separate EPD ratio based on recommendations from the respective breed associations.
- For the Angus divisions, the following recommendations were made to use a Maternal, Multi-Trait, and Terminal Index in the EPD ratio: Calving-Ease Division (\$M), Multi-Trait Division (\$C), Growth Division (\$F and \$B)
- Breed sale order will be determined based on last year's breed sale averages.

CALVING EASE QUALIFYING EPDS

- Angus: See Angus Division Below

Hybrid Simmental: +13.3
Purebred Simmental: +11.4

Red Angus: +14
Hereford: +4.5

Top 30% of the respective breed per advisement of each breed association.

THREE ANGUS SALE DIVISIONS

These are three separate Angus Divisions housed together but compared and sold separately. Divisions were compiled per the recommendations of the American Angus Association. To qualify for each division, bulls must meet the following criteria:

Calving Ease Bull Division:

Calving Ease Direct EPD: +8.0, *Minimum (Top 40% of the breed)*
Birth Weight EPD: +0.8 or lower, *Maximum (Top 40% of the breed)*
Actual Birth Weight: 85 pounds, *Maximum*

Multi-Trait Bull Division:

Calving Ease Direct EPD: +6.0, *Minimum (Top 55% of the breed)*
Weaning Weight EPD: +56 lb., *Minimum (Top 55% of the breed)*
\$C EPD: +237, *Minimum (Top 55% of the breed)*

Growth Bull Division:

All bulls not qualifying for one of the above divisions

Cal Poly reserves the right to adjust divisions after entries are received so marketability can be improved in the best interest of the sale. Angus Bulls will be divided into the "Calving Ease Bull", "Multi-Trait Bull" or "Growth Bull" divisions by Cal Poly once EPDs are verified by respective breed association.

IMPORTANT DATES

May 5th: Bulls delivered 8 am- 4 pm

May 6th: Bulls delivered 7 am- noon

- Other drop offs can be made outside of designated times by making an appointment with **manager Melecio Gonzalez (805) 667-7359**

May 20th and 21st: Start Test Weights Taken

- Start weight determined via the average of two consecutive weigh days

June 23th: Weigh Date

July 23rd Weigh Date

August 12th and 13th: End Test Weights Taken

- Please report yearling weights on eligible bulls (born on or before 9/26/22)
- End weight determined via the average of two consecutive weigh days

Early September: Semen Test and Ultrasound

- Ultrasounds only for bulls born on or before 10/16/22
- Bulls born after 10/16/22 will only receive an ultrasound upon consignor request so as to prevent unnecessary charges for information that cannot be reported to breed association

October 1st Bull Preview & Sale Day

The length of the test meets Beef Improvement Federation guidelines for feed efficiency and growth testing. The adjustment period of 3 weeks prior to first weights is required for feed efficiency testing. The total test length will be over 80 days which exceeds the minimum requirements established by BIF for feed efficiency and gain in bull contemporary group tests.

Weight reports will be provided after the May 21st, June 23th, July 23rd, and August 13th weigh days.

FOR MORE INFORMATION CONTACT

Dr. Zach McFarlane
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California Polytechnic State University- San Luis Obispo
San Luis Obispo, CA 93407-0255
(805) 756-2685
zmcfarla@calpoly.edu or bulltest@calpoly.edu
Or visit us on the web at: <http://bulltest.calpoly.edu>