

TJAA CARCASS CONTEST RULES AND GUIDELINES

The Texas Junior Angus Association (TJAA) carcass contest is designed to encourage participation in the National Junior Angus Show (NJAS) carcass contest, and create an educational opportunity for Texas juniors to understand profitability metrics of the cattle feeding sector of the beef industry and the impact of carcass traits on grid based marketing.

Eligibility of Participants & Entries:

1. Participants must be junior, regular or life members of the Texas Angus Association.
2. Participants must be age 8-20 as of January 1, 2023 (current show year).
3. Registered carcass steers must be Bred & Owned by the exhibitor, or purchased from a Texas Angus Association Member.
4. **Steers must be born between January 1, 2022 - July 1, 2022.**
5. Participants can have multiple entries, up to 3 per exhibitor, but only their top contest entry will be eligible for prizes/awards.
6. The participant will be required to register for the contest prior to entry deadline of the Texas Junior Angus Show (TJAS). **Registration will be available on [texasangus.com](https://www.texasangus.com) starting September 1, 2022. Final entry deadline is November 1, 2022.**
7. All carcass steer exhibitors must be present at the time of scanning at the TJAS. Otherwise, the steer will be disqualified.
8. All carcass steer exhibitors are required to attend a designated educational session at the TJAS to learn more about how to Target the Certified Angus Beef brand and the science behind the ten specifications.
9. Steers must have an official starting weight submitted for the record book portion of this contest. Carcass steers are to be weighed at the beginning of the feeding period with a country extension agent, school ag-science educator, Texas Angus Association board member, or a TJAA Advisor present (verified start-weight) **from Dec. 1, 2022, to Jan. 1, 2023. All official start weights are due to Texas Angus by Jan. 2, 2023.**
10. Steer must have a minimum live weight of 950 pounds at time of contest.
11. Participants must complete a record book, due upon arrival at TJAS.
12. Participants will be interviewed during the TJAS as a portion of the contest as well.

Carcass Ranking

1. The carcass steers are to be weighed ***no more than 7 days prior to the day of scan at the 2023 TJAS*** with either a country agent, school ag-science educator, Texas Angus Association board member, or a TJAA Advisor present (verified out- weight).
2. The carcass steers will be scanned at the TJAS by an Ultrasound Guidelines Council certified Field Technician from the AAA list.
3. Carcass steers will be ranked based on carcass traits from the ultrasound using the NJAS Carcass Contest grid-based formula. The Grid formula rewards carcasses that meet or exceed Certified Angus Beef (CAB) brand qualifications per the USDA G1 schedule.
4. To calculate a yield grade, carcass weight will be established applying a standard 63% dressing percentage to the verified out-weight. Ribeye area and fat thickness at the 12th rib will be established from the ultrasound scan. A standard 3% Kidney, Pelvic & Heart (KPH) adjustment will be used.
5. Quality grade will be determined using the intramuscular fat (IMF) from the ultrasound scan. "A" maturity will be assumed for all entries.

CAB Carcass Specifications

1. "Modest" or higher marbling.
2. Medium to fine marbling texture.
3. Only cattle harvested less than 30 months of age by dentition and only A-maturity lean – for superior color, texture and tenderness.
4. Ribeye Area (REA) of 10.0 – 16.0 in²
5. Hot Carcass Weight (HCW) of 1,050 lbs. or less
6. Less than 1-inch fat thickness
7. Superior muscling (restricts dairy influence)
8. Practically free of capillary rupture
9. No dark cutters
10. No neck hump exceeding 2 inches.

Record Book Ranking

Participants are required to complete a record book as part of the contest.

TJAA Carcass Contest Record Book Worksheet Components:

1. Verified Start Weight: Carcass steers are to be weighed at the beginning of the feeding period with a country extension agent, school ag-science educator, Texas Angus Association board member, or a TJAA Advisor present (verified start weight).
2. Verified Out Weight: The carcass steers are to be weighed ***no more than 7 days prior to the day of scan at the 2023 TJAS*** with either a country agent, school ag-science educator, Texas Angus Association board member, or a TJAA Advisor present.
3. Average daily gain.
4. Total pounds of feed fed.
5. Average cost of gain. (feed costs)
6. Basic expenses. (veterinary, purchase costs, etc.)

Interview Ranking

Participants will be asked a series of questions related to cattle feeding, carcass traits and their experience, and scored on knowledge of responses.

Total Contest Entry Ranking:

75% Carcass Ranking

15% Record Book

10% Interview

Prizes and Premiums:

1. Overall Grand Champion will receive the Thomas Kemp Memorial Scholarship for \$1500.
2. Reserve Champion will be awarded a \$1,000 scholarship.
3. Awards will be provided to the Champion and Reserve Champion Owned division and Bred & Owned division entries.
4. Premiums awarded will follow the TJAS premiums and prizes.

Texas Junior Angus Association Carcass Steer Record Book Instructions

Record Books must be divided into no more than six (6) sections. Each section must be separated by a blank page.

Section one (1), two (2), and three (3) are required.

1. **Section one** (1) – (Required) – an essay of introduction not to exceed two pages, can include items such as:
 - A brief personal background
 - Calf selection – size, pedigree, etc.
 - Feed selection – facts as to why you chose your feed ration
 - Short discussion of industry standards (what commercial feeders expect of cattle in feedlots.) – should include items such as:
 - i. Approximate pounds of feed a calf will eat per day
 - ii. Average daily gain
 - iii. Average cost per pound of gain
 - iv. What feeders and packers are looking for when sourcing cattle

2. **Section two** (2) – (Required) – Record book worksheet:
 - Official start weight
 - Official out weight
 - Average daily gain
 - Feeding log (Total weight of feed fed)
 - Average cost of gain
 - Veterinary expenses
 - Additional expenses

3. **Section three** (3) – (Required) – Conclusion – not to exceed one page.
 - Summary of your project/ problems encountered, opinion of commercial steer show
 - **WHAT YOU learned from the project**

4. **Section four** (4) – (Optional)
 - Photo story
 - Other items of interest

Texas Junior Angus Association Carcass Steer Contest Worksheet

Name: _____ Member Num: _____

Address: _____ City: _____

Phone: _____

Breeder of Steer(s): _____

<u>Steer Reg. #</u>	<u>Date</u>	<u>Start Weight</u>	<u>Authorized Signature</u>

<u>Steer Reg. #</u>	<u>Date</u>	<u>Out Weight</u>	<u>Authorized Signature</u>

Veterinary Expenses:

<u>Date</u>	<u>Description</u>	<u>Cost/Unit</u>	<u>Total</u>
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$

Other/Misc. Expenses:

<u>Date</u>	<u>Description</u>	<u>Cost/Unit</u>	<u>Total</u>
		\$	\$
		\$	\$
		\$	\$
		\$	\$
		\$	\$

TJAA Carcass Steer Summary of Expense

1. Total Finish Weight of Steer (-3% Shrink)	
2. Start Weight of Steer	

Total Gain of Steer: _____

Total Days on Feed: _____

Average Daily Gain of Steer: _____

Total Cost of Feed: _____

Average Cost of Gain: _____

Purchase Price (for Bred & Owned estimate value): _____

Total Expenses (Feed/Vet/Misc.): _____

Projected Breakeven: _____