

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 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 8-20 as of January 1 of the current year.
3. Registered carcass steers must be Bred & Owned by the exhibitor or purchased from a Texas Angus Association Member.
4. Multiple entries up to 3 per exhibitor shall be allowed in this event with the top carcass counting.
5. The participant will be required to register for the event prior to entry deadline of the Texas Junior Angus Show (TJAS).
6. All carcass steer exhibitors must be present at the time of scanning at the TJAS. Otherwise, the steer will be disqualified.
7. 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.
8. Steers must be born between January 1, 2021 - July 1, 2021.
9. Minimum live weight of 950 pounds.

Event Procedures:

Carcass ranking

1. The carcass steers to be weighed no more than 7 days prior to the day of scan with either a country agent, school ag advisor, Texas Angus Association Board Member, or a TJAA Advisor present (verified out-weight).
2. The carcass steers will be scanned at the TJAS by a Ultrasound Guidelines Council certified Field Technician from the AAA list.
3. Carcass steers will be ranked based on carcass traits from the ultrasound using NJAS Carcass Contest grid based formula. The Grid formula rewards carcass 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 expected to complete the associated record worksheet. The carcass steers are to be weighed at the beginning of the feeding period with a country agent, school ag advisor, Texas Angus Association Board Member, or a TJAA Advisor present (verified in-weight). Participants will calculate appropriate performance measures (ex. Average daily gain, weight per day of age, cost of gain, etc).

Interview ranking

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

Total Contest Entry Ranking:

- 75% Carcass
- 15% Record book
- 10% Interview

Prizes and Premiums:

1. Scholarship will be awarded to overall:
 - Grand Champion of \$1500
 - Reserve Champion of \$1000
2. Awards will be provided to the Champion and Reserve champion owned division and bred & owned division entries.
3. Premiums awarded will follow the TJAS.

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), three (3), four (4) and five (5) 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
 - iv. What feeders and packers are looking for

2. **Section two (2)** – (Required) – this is the project records that are passed out at weigh-in

3. **Section three (3)** – (Required) – show all calculations for records (Section Two)
 - Handwritten
 - Must be neat and readable

4. **Section four (4)** – (Required) – Verifications of items
 - Calf weight tickers
 - Receipts for all items purchased: Including an unused feed ticket or statement (tickets and receipts must be in date order)
 - Daily feeding log (feed log totals and section E, should be equal or almost equal
5. **Section five (5)** – (Required) – Conclusion – not to exceed one page.
 - Summary of your project/ problems encountered, opinion of commercial steer show
 - **WHAT YOU learned from the project**

6. **Section six (6)** – (Optional)
 - Photo story
 - Other items of interest

Texas Junior Angus Association Carcass Steer Feed Enterprise Records

Name: _____ Address: _____

City: _____ Breeder: _____

A. Steers: All steers must be priced according to prevailing market. You must attach a bill of sale with your record.

Description of Steer:	weight	price/lb	out-weight	cost
1. Reg # _____	_____	_____	_____	\$ _____
2. Reg # _____	_____	_____	_____	\$ _____
3. Reg # _____	_____	_____	_____	\$ _____
Totals	_____	_____	_____	\$ _____
		Average Purchase Weight	_____	
		Average Cost Per Head	\$ _____	
		Average Cost Per 100 lbs	\$ _____	

B. Other Costs:

1. Hauling (\$4.00 per trip)	\$ _____
2. Pen Rent (\$10.00 per steer)	\$ _____
3. Entry & Validations Fees	\$ _____
Total	\$ _____

C. Veterinary Expenses:

Date	Description	Cost/Unit	Total
_____	_____	\$ _____	\$ _____
_____	_____	\$ _____	\$ _____
_____	_____	\$ _____	\$ _____

D. Number of Days
 Weigh in date: _____ (begin)
 Weigh out date: _____ (end)
 Total days fed: _____
 (Include both the begin and end days)

Texas Junior Angus Association Carcass Steer Feed Enterprise Records

E. Feed Purchased: Ration description and/or type of feed must be included:

Date	Amt/lbs	Expense Item	Unit Price	Cost

(1) Gross Feed lbs: _____ **Sub-Total Feed Purchases:** \$ _____

Credits of Feed (Unused Feed)

Date	Amt/lbs	Expense Item	Unit Price	Cost

(2) Unused feed lbs: _____ **Sub-Total Feed Credits:** \$ _____

(3) Total # Consumed: _____ **Total Feed Costs:** \$ _____

Texas Junior Angus Association Carcass Steer Feed Enterprise Records

F. Storage Costs: \$._____per bu. per month
 For gain bulk purchases before project date or at harvest time

In-Date	In-Weight	Bu.	Out-Date Lbs.	Out-Weight Lbs.	Bu.-Out	Balance	Days	Cost

Total Storage Cost \$ _____

G. Grinding and Mixing Costs: \$._____cwt

Date	Weight	Cost

Total Grinding/Mixing Costs \$ _____

H. Other Misc. Costs (addition vet meds +trips to vet, etc)

Date	Description	Total
_____	_____	\$ _____
_____	_____	\$ _____

Total Misc Costs \$ _____

I. Interest (Interest must be calculated on all costs of project for feed period) \$ _____

J. Carcass Steer Summary of Expense

- 1. Total finish weight of steer(s) (-3% shrink) ----- _____

 - 2. Total starting weight of steer(s) ----- _____

 - 3. Total Gain ----- _____

 - 4. Average Gain per head ----- _____

 - 5. Average Daily gain (#4/D) ----- _____

 - 6. (a) Total cost of finish steer(s) ----- \$ _____
 (total of A+B+C+E+F+G+H+I)

 - (b) Average cost per head ----- \$ _____
 (#6(a) / #hd)

 - 7. Total initial cost of steer(s)----- \$ _____

 - 8. Total cost of feed fed (E+F+G)----- \$ _____

 - 9. Total pounds of feed consumed (E 3) ----- \$ _____

 - 10. Total cost of feeding steer(s) (B+C+E+F+G+H+I) ----- \$ _____

 - 11. Cost per lb. of gain (B+C+E+F+G+H+I / #3) ----- \$ _____

 - 12. Cost per lb. of finish steer (#6 / #1) ----- \$ _____

 - 13. Lbs. feed per lb. Gain (#9 / #3) ----- - _____

 - 14. Average cost per 100 lbs. of feed fed (#8 / #9 x 100) ----- \$ _____

 - 15. Average daily feed consumption per head (#9 /D /#hd) ----- - _____

 - 16. Projected breakeven price per 100 lbs. (#6a /#1 x 100) ----- \$ _____

 - 17. Gross income (Price per lbs x #1) ----- \$ _____

 - 18. Net Income ----- \$ _____
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Transfer of section totals for your convenience:

Section A \$ _____ Section D \$ _____ Section G \$ _____

Section B \$ _____ Section E \$ _____ Section H \$ _____

Section C \$ _____ Section F \$ _____ Section I \$ _____

Number of calves on feed: _____ hd