

2019 NJHA Fed Steer Shootout

Performance Portfolio



Powered By



Participant Name: _____

Age: _____

Hometown & State: _____

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NJHA Fed Steer Shootout Performance Portfolio

The NJHA Fed Steer Shootout is an opportunity for NJHA members to gain invaluable cattle feeding industry education and experience. Throughout the contest, participants will receive ultrasound, performance, carcass merit and health data collected at the feedlot for their steers. The Performance Portfolio will serve as a means for contest participants to organize the data received and highlight the educational activities held throughout the contest. Participants that complete and submit a Performance Portfolio, according to the guidelines below, will be eligible to compete for the NJHA Fed Steer Shootout Junior of the Year award, which is separate from the awards based on steer performance.

Process Overview

- The Performance Portfolio form will be available as a simple fillable PDF form that participants can enter information into via computer.
- Completed Performance Portfolios must be submitted to the American Hereford Association by **September 1, 2019**.
 - Email completed Performance Portfolios to Trey Befort at tbefort@herefordbeef.org
- Once Performance Portfolios are received, they will be judged based upon the criteria listed below.
- Contestants who submit the top 5 Performance Portfolios selected will be given the opportunity to travel to the 2019 AHA Annual Membership Meeting and Conference to compete for the NJHA Fed Steer Shootout Junior of the Year award. The top 5 selected will be awarded a \$1000 travel scholarship from the Hereford Youth Foundation of America.
- The top 5 participants selected will be required to present a 3-5-minute speech outlining what they have learned throughout the contest how it relates to the industry. The speech will be followed by an interview with a panel of judges regarding the contents of the participant's Performance Portfolio and speech.
- The NJHA Fed Steer Shootout Junior of the Year will then be selected from those top 5 based on the Performance Portfolio, speech and interview scoring, as well as educational quiz completion and scoring. This winner will be recognized during the American Hereford Association Annual Meeting Honorees Reception October 25, 2019.

Performance Portfolio Judging Guidelines

1. Performance Portfolio contents
 - a. Records & Calculations
 - b. Contest Essay
2. Judging criteria
 - a. Completeness
 - b. Accuracy of calculations
 - c. Organization
 - d. Educational quiz completion & scoring (submitted online)

Records & Calculations

**Please round all calculations to two (2) decimal points.

I. Entry Information

Contest Tag #	Ranch Tag #	Birth Date	Birth Weight	Weaning Date	Weaning Weight

Contest Tag # - emailed to participants after the startup day and will be used to identify steers throughout contest.

II. Startup Data

Contest Tag #	Start Weight	Start Price	Start Value

Start Weight - emailed to participants after the startup day and will be the official weight for calculations.

Start Price: (Startup Price Report will be emailed to participants)

Locate "Start Price" in the table based on each steer's "Start Weight"

Calculation:

Start Value - value of each steer at the start of the contest.

$$\text{Start Value} = \text{Start Weight} \times \text{Start Price}$$

Records & Calculations (cont.)

**Please round all calculations to two (2) decimal points.

III. Ultrasound Measurements

Startup Ultrasound Measurements				
Contest Tag #	Start Weight	Rib Fat	Ribeye Area (REA)	% IMF

***Measurements emailed to participants after the startup day.

Re-implant Ultrasound Measurements				
Contest Tag #	Re-implant Weight	Rib Fat	Ribeye Area (REA)	% IMF

***Measurements emailed to participants after the re-implant day.

Records & Calculations (cont.)

**Please round all calculations to two (2) decimal points.

IV. Health Records

Vaccinations Given Before Delivery to Feedyard

List the vaccinations given, and dates they were given, to steers before they were delivered to the feedyard.

Feedyard Health Records					
Contest Tag #	Number of Treatments	Date(s) Treated	Diagnosis	Drug(s) Administered	Total Treatment Cost

***Health and treatment information can be found on monthly health summaries emailed to participants.

Records & Calculations (cont.)

**Please round all calculations to two (2) decimal points.

V. Feedyard Performance

Contest Tag #	Harvest Date	Finished Weight	Total Gain	Days on Feed	Average Daily Gain	Total Feed Consumption	Feed Conversion

*The Final Performance Report with the following will be emailed to participants after the steers are harvested.

Harvest Date, Finished Weight, Days on Feed, Total Feed Consumption

Calculations:

Total Gain – number of pounds gained from start to harvest

$$\text{Total Gain} = \text{Finished Weight} - \text{Start Weight (p. 4)}$$

Average Daily Gain - number of pounds per day steer gained during the contest

$$\text{Average Daily Gain} = \text{Total Gain} \div \text{Days on Feed}$$

Feed Conversion - amount of feed steer consumed to gain 1 pound of weight

$$\text{Feed Conversion} = \text{Total Feed Consumption} \div \text{Total Gain}$$

Records & Calculations (cont.)

**Please round all calculations to two (2) decimal points.

VI. Carcass Data

Contest Tag #	Hot Carcass Weight	Dressing Percentage	Fat Thickness	Ribeye Area	USDA Yield Grade	Marbling Score	USDA Quality Grade

*The Carcass Data Summary will be emailed to participants after the steers are harvested with the following info.

Hot Carcass Weight - hot or un-chilled weight of the carcass after slaughter

Fat Thickness - thickness of external fat on the carcass, measured over the loin between the 12th and 13th ribs

Ribeye Area - total area of ribeye, measured between the 12th and 13th ribs (square inches)

USDA Yield Grade – estimate of the amount of usable meat on the carcass

YG 1 = greatest ratio of lean to fat; YG 5 = lowest ratio of lean to fat

Marbling Score – measurement of the degree of marbling within the loin/ribeye muscle

USDA Quality Grade - quality grade of the carcass determined by marbling score and carcass maturity (See chart below)

Figure 1. USDA Beef Grading Chart
Relationship Between Marbling, Maturity and Carcass Quality Grade¹

Degrees of Marbling	Maturity ²				
	A ³	B	C	D	E
Slightly Abundant	PRIME				
Moderate			COMMERCIAL	COMMERCIAL	
Modest	CHOICE				
Small					
Slight	SELECT		UTILITY	UTILITY	
Traces					
Practically Devoid	STANDARD			CUTTER	

¹Assumes that firmness of lean is comparably developed with the degrees of marbling and that the carcass is not a "dark cutter."
²Maturity increases from left to right (A through E).
³The A-maturity portion of the Figure is the only portion applicable to bullock carcasses.

Calculation:

Dressing Percentage - Percent of the steer’s finished weight that is carcass weight.

$$\text{Dressing Percentage} = [\text{Hot Carcass Weight} \div \text{Finished Weight (p.7)}] \times 100$$

Records & Calculations (cont.)

**Please round all calculations to two (2) decimal points.

VII. Expense Summary

Contest Tag #	Processing Cost	Treatment Cost	Yardage	Feed Cost	Trucking to Packer	Insurance	Beef Checkoff	Interest	Misc. Expenses	Total Expenses

Calculation:

Total Expenses = add all columns from "Processing Cost" to "Misc. Expenses"

VIII. Profitability Summary

Contest Tag #	Sale Price	Finished Steer Value	Profit/Loss	Cost of Gain

*The Financial Summary will be emailed to participants after steers are harvested and costs are calculated.

Sale Price – price per pound (Live Weight or Hot Carcass Weight, depending on agreement) paid by packing company

Calculations:

Finished Steer Value – total value (\$/head) paid by the packing company for the steer.

$$\text{Finished Steer Value} = \text{Sale Price} \times \text{Weight (Finished Weight (p.7) OR Hot Carcass Weight (p.8))}$$

Profit/Loss – total amount profited or lost from feeding steer

$$\text{Profit/Loss} = \text{Finished Steer Value} - [\text{Start Value (p. 4)} + \text{Total Expenses}]$$

Cost of Gain - Total cost per pound of weight gained

$$\text{Cost of Gain} = \text{Total Expenses} \div \text{Total Gain (p.7)}$$

Contest Essay

This essay of 750 words or less, should be a creative summary of what you have learned from the contest. The top selected essays will be featured in The Advantage NJHA newsletter.