

**Thursday, July 23**

6:00 - 9:00 p.m. **Enter & Weigh-in: Market Beef, Breeding Heifers, Cow/Calves**  
Fair Office Scale

**Friday, July 24**

3:00 p.m. **All Beef Exhibitor Meeting** - Dueland Pavilion

**Saturday, July 25**

7:00 - 9:00 a.m. **Enter & Weigh-in: Bottle Calves** – Fair Office Scale

3:00 p.m. **Beef Show** - Dueland Pavilion

6:00 p.m. **Champion Beef Selection** - Horse Arena

**Monday, July 27**

3:00 p.m. **Bottle-Bucket Exhibitor Meeting** – Bob Williams Arena

8:00 p.m. **Enter & Weigh-In Advanced Cattle Feeders-** Fair Office Scale

**Tuesday, July 28**

10:00 a.m. **Bottle-Bucket Interviews** – Extension Office

10:30 a.m. **Advanced Cattle Feeders Judging** – Pens behind the Fair Office

2:30 p.m. **Bottle-Bucket Calf Show** – Horse Arena

Common bedding is supplied in the Beef Barn and Bob Williams Arena. **ALL EXHIBITORS WILL BE CHARGED A NON-REFUNDABLE FEE OF \$25.00 PER ANIMAL (BOTTLE/BUCKET IS EXCLUDED). THIS FEE IS PAYABLE WHEN FAIR ENTRIES ARE DUE.**

If an animal isn't coming to the fair, please communicate with the Fair Operations Manager by July 15.

## **BEEF DEPARTMENT**

**Superintendents:** Lauren Christiansen, Justin Holl, Ashley Keech, Nick Pudenz, and Kaylee Wierson

**Carcass Evaluation Superintendent:** Nick Pudenz

**Advanced Feeder Pen Superintendent:** Shane Harrison

**Teen Superintendent:** Tyler Pudenz

**Judge:** Craig Mittig

**\*\* ANIMAL ID NUMBERS MUST BE DESIGNATED IN <http://storyia.fairentry.com> \*\***

Refer to General Rules and Health Rules for additional information.

1. All Market Beef animals were ear tagged and weighed by December 14, 2019. Any animal losing tags must be re-tagged with official tags before the fair. No ear tagging will be done at the fair.
2. Entries are open to Market Beef animals that have been identified by February 1<sup>st</sup> as part of a 2020 Story County Market Beef project. **Each exhibitor can enter up to six (6) Market Beef animals.**
3. Fair entries are due on or before June 15, 2020 Go to <http://storyia.fairentry.com> to make entries.
4. EXHIBITORS WITH A (BREEDING OR MARKET) BEEF ANIMAL MUST BE YOUTH FOR THE QUALITY CARE OF ANIMALS (YQCA) CERTIFIED by June 15, 2020. A copy of the certificate must be on file with the Story County Extension Office by June 15, 2020. No FSQA certification will be accepted.
5. Upon arrival at the Fairgrounds, exhibitors and ALL beef animals (including Breeding Beef and Cow/Calf exhibits) will check in south of the weigh scales where they will be weighed and/or registration papers checked. At this time veterinary check in will also take place, before any animals are allowed in the barn.
6. Animals exhibited in the Beef Department must be housed in stalls designated by the Superintendent. All beef animals will be stalled by county groups.
7. Tack areas will be provided depending upon available space and size of county delegation. It shall be the prerogative of the Superintendent to reduce the number of stalls assigned to a county to the number actually required. Exhibitors are encouraged to minimize the use of extension cords as much as possible. Cords used must meet safety standards. **Each county will be limited to one set of metal dividers, one at each end of the cattle stalls.**
8. **Beef Tie-Outs are** allowed in designated areas. Exhibitor must provide gates around the trailer and bedding (absolutely NO straw). Beef must be tied out between 8 and 9 p.m. and return to the beef barn by 7:30 a.m. each morning. All fitting must be done in the beef barn.
9. Fitters Guards, or similar equipment, will not be allowed in stalls or tie-outs.
10. MOUTHING OF MARKET BEEF: Permanent central incisor teeth will be checked for wear. Animals found with excessive wear are disqualified. Such animals are considered as having reached an age beyond that consistent with the intent and purposes of this show. All first and second place animals are subject to being mouthed. If an animal is disqualified the next animal in placing order will move up.
11. No painting, dyeing and use of color agents on animals is allowed, except for horses. Exhibitors can use colored grooming aids on hooves only. All first and second place animals will be wiped down. Any evidence of coloring, painting or dyeing the animal will result in disqualification, loss of premium for that animal, and no participation in the ribbon auction with that animal if the animal was previously eligible.

12. Any artificial means of removing or remedying physical defects of conformation in animals exhibited will be considered as fraud and deception. No unnatural means of providing an animal feed, water or other fluid (i.e. stomach pump, IV) will be allowed. All animals giving evidence of such treatment will be barred from exhibition at the County Fair.
13. No artificial aides such as tail head or tail fins will be permitted. No artificial tails/switches will be permitted.
14. No icing or artificial means of cooling an animal will be allowed in the Pavilion.
15. Each exhibitor may be accompanied by one person in the check-in area. This person MUST be an immediate family member or a current Iowa 4-H'er. However, the exhibitor is solely responsible for all grooming of the animal from the time they enter the check-in area to the time they exit the ring.
16. After a class has been placed in the show ring, officials reserve the right to re-inspect animals for color or sharp practices. If such is found, the animal will be barred from further championship competition and forfeit all premium money.
17. All beef animals must be on a halter at all times. Absolutely no loose beef animals will be allowed.
18. Cable halters will not be allowed in the show ring.
19. Entries in each class may be divided equally into sub-classes. The weighing committee reserves the right to divide classes after weighing calves to equalize numbers in sub-classes.
20. Ribbons, Rosettes, and Trophies will be awarded.
21. Purebred Steer Class – Registered Steers must present the original registration papers at fair check-in time. Steers without necessary registration papers will be shown in the crossbred division. If less than three head of one breed check-in at the fair, all of the breed's steers will be shown in the All Other Breeds Division.
22. Story County Produce Class - The Story County Produce Class is open to all owned or purchased Beef Steers and Market Heifers that were born in Story Country from cows owned by Story County residents. The exhibitor can own the cow or purchase the steer or heifer from the owner of the cow. The animal shown as Story County Produce cannot be shown in other market beef classes, unless the animal is a Produce of Dam.
23. Slick Shear Class - All Market Beef competing in the slick sheared division must, prior to arrival at weigh-in at the fair, be clipped to no more than 1/4" of hair on any part of the body, except the tail switch, (the tail switch being no more than 10" above the end of the cartilage of the tail) which may be ratted and balled or may be bobbed off. Animals will be checked for hair length at the time of weigh-in at the fair. Animals found in violation of this rule will be automatically moved to the fitted division of this show. Steers and Heifers will be shown in one class if fewer than two animals are in each class.
24. Produce of Dam Class - Produce of Dam Market Heifers and Steers must be produced from former 4-H and FFA heifers, bred, owned, and shown by the exhibitor at a prior county fair and weighed, tagged, and identified by February 1, 2020.
25. There will be one 2<sup>nd</sup> Year Bottle/ Bucket Class. Heifers and Steers will show together. You may also choose to show your animal in the regular market classes, but only if the animal was weighed at the December weigh-in.
26. **Entry in the Fair qualifies animals for the Livestock Judging Contest. If your animal is chosen, cooperation is required with the Superintendents. Failure to cooperate will result in disqualification.**
27. Exhibitors are required to wear their designated 4-H or FFA T-shirt, jeans, and closed-toe shoes in the Show Ring.
28. Unruly animals may be excused from the ring at the discretion of the ring superintendent.
29. For both the Market and Breeding Divisions, should a first place beef animal be disqualified after winning its class, but before its respective division championship; the second and third place animals will move up to first and second in the class and compete for champion in the division. If a second place animal is disqualified, the third place animal will move up.  
Should a division Market Beef Champion be disqualified after winning its division, but before selection of Grand Champion Market Steer or Market Heifer, the reserve division champion will move up to champion and compete for Grand Champion. In this case, no attempt will be made to replace the division reserve champion. If a division reserve champion animal is disqualified, no shifting upward will occur and no attempt to replace the reserve champion will be made.
30. **Saturday night of the fair will include: 1) Announcement of the Rate of Gain winner, 2) Selection of the Supreme Breeding Heifer, 3) Selection of the Grand Champion Market Beef (chosen from the Champion Market Heifer and Steers, Champion Purebred Steer, Champion Story County Produce and Champion Slick Shear Steer and Heifer).**

**Thursday, July 23**

6:00 – 9:00 p.m. **Enter Cattle** - Fair Office Scale

**Saturday, July 25**

3:00 p.m. **Beef Show**, Dueland Pavilion

### **DIVISION - MARKET BEEF**

First and second place in each class will compete for Division Champion and Reserve Champion. Champion and Reserve for each division will compete for Grand and Reserve Grand Champion Market Beef Animal (excluding the Produce of Dam and 2<sup>nd</sup> Year Bottle/ Bucket Divisions).

#### **Class**

- Market Heifer
- Purebred Market Steer
- Angus
- All Other Breeds
- Charolais
- Chianina
- Gelbvieh
- Herefords
- Limousin
- Maine-Anjou
- Miniature Herford

#### **Class**

- Red Angus
- Salers
- Shorthorn Plus
- Simmental
- Crossbred Market Steer
- Story Co. Produce
- Slick Shear Market Heifer
- Slick Shear Market Steer
- Produce of Dam
- 2<sup>nd</sup> Year Bottle Bucket Class (5-7 grades)

### **DIVISION - BREEDING BEEF**

Refer to General Rules and Health Rules for additional information.

1. Open to registered and commercial breeding animals. All Breeding Heifers must be born from September 1, 2018 through December 31, 2019.
2. Each exhibitor may enter up to six (6) breeding heifers.
3. All animals entered in the registered classes must be registered in the name of the 4-H or FFA member. Classes will be shown by breed. If less than three head of one breed check-in at the fair, all of the breed's heifers will be shown in the All Other Breeds Division.
4. Eligibility for showing will only be granted after inspection of papers.
5. Grade animals will be shown in the commercial heifer department. These animals must be tattooed.  
**The tattoo of all breeding and commercial heifers must be recorded in the iowa.4honline.com database for 4-H'ers and FFA members must provide information to the Agricultural Education Instructor and Extension office by May 15.**
6. Heifers entered in Breeding Beef Department cannot compete in the Market Beef Department.
7. Produce of Dam Class - Must be produced from a former 4-H or FFA heifer that was bred, owned and shown in a past Story County Fair by the exhibitor and was enrolled by May 15. The animal must be shown with halter. Produce of Dam must be at least 1 year of age.
8. The Story County Produce Class - This class is open to all breeding heifers owned or purchased and born in Story County from cows owned by Story County residents. **Exhibitors must have the herd owner listed at the Extension office by May 15.** The breeding heifer shown as Story County Produce is not eligible to show in another breeding class, unless it is a Produce of Dam.
9. The Champion Registered Heifers, Champion Commercial Heifers and the Champion Story County Produced Heifers will compete for Supreme Champion Breeding Heifer, which will be selected Wednesday afternoon before the selection of the Grand Champion Market Beef.

#### **Class**

- Registered 1<sup>st</sup> Year Heifer
- Angus
- All Other Breeds
- Charolais
- Charolais Cross
- Chianina

#### **Class**

- Gelbvieh
- Horned Herford
- Limousin
- Lim-Flex
- High % Maine-Anjou
- Maintainer

#### **Class**

- Miniature Herford
- Polled Herford
- Red Angus
- Red Angus Foundation
- Salers
- Shorthorn

#### **Class**

- Simmental
- Foundation Simmental
- Commercial Heifer
- Story County Produce
- Produce of Dam

## DIVISION - COW/CALF

1. Entries in the Cow/Calf department may consist of a cow that was shown as a yearling heifer by the exhibitor and/or an animal purchased as a cow. **Cows must be properly identified in the iowa.4honline.com database by 4-H'ers and FFA members must provide information to the Agricultural Education Instructor and Extension Office by May 15. Calves born after May 15 must be on file with the Extension office prior to the fair.**
2. The calf must have been born on or after January 1, 2020 and before the fair.
3. Exhibitors will need to designate if the calf is from a first year calf cow (The calf is the first offspring for the reproductive Dam) or a second year or older calf cow (The calf is the second, third, etc.) at the time of entry.
4. An exhibitor may show no more than two (2) cows with calves.
5. Cows may be shown more than one year.
6. **Cows will be shown with the calf at its side in the show ring. Therefore, cows and calves must be broke to lead.**
7. Animals (both cow and calf) exhibited in Cow/Calf Department are not eligible for other beef breeding, produce or market classes, with the exception of the feeder calf class.
8. Classes will be shown by breed. A Supreme Cow/Calf Pen will be chosen during the show.

### Class

- Feeder Calf Class  
First Year Cow/Calf
- Angus
  - All Other Breeds
  - Charolais
  - Charolais Cross
  - Chianina
  - Gelbvieh
  - Horned Herford
  - Limousin
  - Lim-Flex

### Class

- High % Maine-Anjou
- Maintainer
- Miniature Herford
- Polled Herford
- Red Angus
- Red Angus Found.
- Salers
- Shorthorn
- Shorthorn Plus
- Simmental
- Foundation Simental
- Crossbred

### Class

- 2<sup>nd</sup> Year or Older Cow/Calf
- Angus
  - All Other Breeds
  - Charolais
  - Charolais Cross
  - Chianina
  - Gelbvieh
  - Horned Herford
  - Limousin
  - Lim-Flex

### Class

- High % Maine-Anjou
- Maintainer
- Miniature Herford
- Polled Herford
- Red Angus
- Red Angus Found.
- Salers
- Shorthorn
- Shorthorn Plus
- Simmental
- Foundation Simental
- Crossbred

**Monday, July 27**

8:00 p.m.

Enter Cattle, Pens behind Fair Office

**Tuesday, July 28**

10:30 a.m.

Advance Cattle Feeder Show

**DIVISION - ADVANCED CATTLE FEEDER PEN**

**Superintendent:** Shane Harrison

Refer to General Rules and Health Rules for additional information.

- Members may feed one pen of from three (3) to five (5) head of cattle, either heifers or steers. Feeders may be fed in partnership with other 4-H or FFA cattle if needed.
- The Advanced Cattle Feeder project will begin December 14, 2019 when calves are weighed at the fairgrounds. Monthly records should be kept starting December 14, 2019. Exhibitors will receive a feeder information packet that includes record keeping forms. The Feeder Project Enrollment Form 4-H-JF-72-B1 is to be completed and may be sent to the Extension Office at the beginning of the project. The packet/forms are also available at <http://www.extension.iastate.edu/story/page/projects>.
- A beginning price on the project will be the actual purchase price, provided the member can produce a sales slip.
- Weight range of advanced feeder cattle on February 1 is 500 – 700 pounds. They should be at appropriate market weight on the sale date.
- Calves are to be fed separately from other family cattle. Market Beef cattle for a project may be fed with them if space is not available to keep them separate. Records are important in this project; therefore, it is to your advantage to feed feeders separately from your other 4-H market beef animals.
- One feeder can be entered into the Performance Carcass Class. If participating, then you must make this entry. Feeders and market beef animals designated for the carcass class will be sold to the same packer (packer to be determined). All other feeder cattle may be marketed with the carcass steers.
- Feeder calves do not need to be broke to lead & cannot be shown as market beef animals at the county fair.
- All calves enrolled in the project should be exhibited at the show.
- Animals will be brought and checked in at the Story County Fair on Monday at 8:00 p.m. and weighed upon arrival. This weight will be used as the sale weight.
- Keeping monthly feed records is a best practice for this project and encouraged. Exhibitors are welcome to send a copy of their records to the Extension Office at the end of each month. The Monthly Record Sheet 4H-JF-72-C and the Complete Feed Record 4H-JF-72D is designed as a reference in completing records. The Completion Form 4H-JF-72-B2 should be completed at the end of the project and brought to the fair on Monday with all exhibitor records for the project.
- Interview times will be scheduled with the judge (interview time will be announced at fair weigh-in).
- Award evaluation criteria is equally based on three aspects: feed records, cattle, and the interview. The winner will be announced before the grand champion drive that is held in the horse arena.

**Class**

Advanced Cattle Feeder Pen

**STORY COUNTY BEEF OF MERIT CONTEST**

**Superintendent:** Nick Pudenz

The purpose of the Beef of Merit Show is to provide 4-H Market Beef exhibitors the opportunity to participate in a live show combined with a grid marketing competition where the traits that add value to a beef carcass are evaluated to predict profitability.

WINDOW A - HIGH CUTABILITY			
Window A Carcass Specifications:			
Hot Carcass Weight 650 to 1050 pounds, Quality Grade Select or better, Yield Grade 3 or better *			
Window A premiums and discounts per hundred weight (cwt) used for contest calculations			
	YG1	YG2	YG3
Prime	+\$14	+\$11	+\$8
Average or High Choice	+\$10	+\$7	+\$4
Low Choice	+\$6	+\$3	Market Base Price
Select	-\$4	-\$7	-\$10

WINDOW B - HIGH QUALITY					
Window B Carcass Specifications:					
Hot Carcass Weight 650 to 1050 pounds, Quality Grade Average Choice or better *					
Window B premiums and discounts per hundred weight (cwt) used for contest calculations					
	YG1	YG2	YG3	YG4	YG5
Prime	+\$24	+\$22	+\$20	+\$10	+\$7

Average or High Choice	+\$14	+\$12	+\$10	-\$7	-\$10
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\* Cattle that do not meet carcass specifications for a given window will not be ranked in the final carcass competition of that window. These animals are still eligible to show in the Beef of Merit live show and carcasses can potentially qualify to be ranked in the other window. Since carcass merit is not characterized until animals are harvested, carcass characteristics outside window specifications do not disqualify the animal from participating in Beef of Merit Show and harvest.

Example: A steer that grades Average Choice / Yield Grade 4 would not qualify to be ranked in Window A but would qualify to be ranked in Window B with a \$7/cwt discount. The steer would have already competed in the live show and been harvested. The exhibitor would be paid based on grid offered by cooperating packer.

1. When checking in at the Story County Fair, exhibitors must choose Window A or Window B in which to participate for the live show. Each animal will be shown in only one live show window. The live show will award ribbons only. The final placing will be determined after processing and carcass evaluation. Carcass characteristics and animal performance will be incorporated to calculate carcass value per day on feed. Exhibitors who qualify in the carcass contest for window in which they chose for the live show will receive an additional premium.
2. All requirements for the Market Beef Show must be met to show in the Beef of Merit Show. (Minimum ADG is 2.1 #/day for heifers and 2.3#/day for steers and minimum live weight is 900 pounds.)
3. Two steers or heifers may be exhibited in the Beef of Merit Show.
4. Cattle entered in Beef of Merit Show must be harvested at the selected cooperating packing plant.
5. Exhibitors' carcasses will be paid the existing market price with appropriate carcass premiums and discounts offered by the cooperating packer. (The Beef of Merit grids above are for the purposes of the contest and do not reflect what exhibitors will be paid.)
6. Exhibitors will pay the transportation fee from the Fairgrounds to the cooperating packer, a carcass data collection fee and if offered, a dark cutter assessment fee. This will be deducted from their payment check.
7. If the carcass qualifies for both windows, the exhibitor will compete in each window for carcass placing as well as premiums. Market base prices will be determined by the cooperating packer prices. The premiums and discounts shown in the above Grid Market for Window A and B will be added to / subtracted from the market base price to determine contest carcass price. Different premiums and discounts may apply for the actual price paid by the cooperating packer.
8. Dark cutters will not be discounted in the contest calculation price, but may be discounted in the actual price paid.
9. Excessive live weights may not be acceptable with packers (i.e. live weights exceeding approximately 1650 pounds). If steers weigh over 1650 please contact Beef of Merit superintendents to discuss the situation.
10. Percent retail product is used to estimate the amount of meat produced from the carcass and is used in the Carcass Value Per Day On Feed equation. Percent retail product is calculated as follows:  $(65.69 - (9.931 \times \text{fat thickness}) + (1.2259 \times \text{rib eye area}) - (.013166 \times \text{carcass weight}) - (1.29 \times \% \text{ kidney, pelvic, heart fat}))$
11. Carcass Value Per Day On Feed is calculated as follows:  $((\text{Hot carcass weight} - (.55 \times \text{beginning live weight}) \times \text{percent retail product} \times \text{contest carcass price as determined by appropriate grid}) / .64 / \text{days on feed})$ .

\*NOTE: On behalf of many local donors (to be listed at the day of the show), the Story County Cattlemen's Association (SCCA) will be giving a cash premium to each youth (not per calf) who participates in the Performance Beef Carcass Class. The amount of the premium will be determined at the time of the show according to the level of sponsorship that has been received by the SCCA. Often, this premium is approximately \$50 per youth. In addition, award premiums will be provided for to the Champion and Reserve Champion of each division of the Performance Contest.

**Class**

Beef of Merit Contest  
 Show ring (Live)

- High Cutability Live
- High Quality Live

**BEEF SHOWMANSHIP**

Please refer to Showmanship Rules on page 66.

**Class**

Senior Showmanship  
 Master Showmanship  
 Intermediate Showmanship  
 Junior Showmanship