

Tuesday, July 20

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

Wednesday, July 21

2:00 p.m. **All Beef Exhibitor Meeting** - Dueland Pavilion

Thursday, July 22

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

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

Friday, July 23

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

Saturday, July 24

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

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

Sunday, July 25

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

11:00 a.m. **Advanced Cattle Feeders Judging** – Pens behind the Fair Office

11:30 a.m. **Live Beef Carcass Class** – Dueland Pavilion

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, Ashley Keech, Jared Meinhardt, Nick Pudenz

Carcass Evaluation Superintendent: Nick Pudenz

Advanced Feeder Pen Superintendent: Shayn Harrison

Judge: Mallory Espenscheid

**** 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 19, 2020. 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 1st as part of a 2021 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, 2021. 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, 2021. A copy of the certificate must be on file with the Story County Extension Office by June 15, 2021. 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. General Livestock Rules and Regulations and 4-H General Rules and Regulations apply in this department.
7. A bedding fee of \$25 per head must be paid with entry. No refunds. Common bedding will be used in the barns for all beef cattle. No alternative bedding will be allowed on the grounds.
8. Each animal entered must be identified through the 4-H Online program for 4-H members (February 1 for Market Beef and May 15 for Breeding Beef) and FFA members must identify their animals through their FFA Advisor (May 15 for both Market Beef and Breeding Beef).
9. Animals exhibited in the Beef Department must be housed in stalls designated by the Superintendent. All beef animals will be stalled by club groups.
10. 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 club 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.
11. **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.
12. Fitters Guards, or similar equipment, will not be allowed in stalls or tie-outs.
13. The exhibitor number with the rate of gain, which is furnished by the show, will be worn so it is visible to the judges. The exhibitor card must be worn in both the Market and Breeding Divisions.

14. Painting, dyeing and use of color agents on beef animals is not condoned by show officials. Beef projects which show evidence of this will not be permitted into the show ring. If a color or coloring agent rubs off an animal rubbed with either a towel or hand, that animal will be disqualified. Exhibitors can use colored grooming aids on hooves only. All division champions will be wiped with a towel to check for color or coloring agents prior to entering the show ring for the championship drive.
15. No artificial aides, such as tail head or tail fins will be permitted. No artificial tails/switches will be permitted.
16. No icing or artificial means of cooling an animal will be allowed in the Pavilion.
17. 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.
18. 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.
19. All beef animals must be on a halter at all times. Absolutely no loose beef animals will be allowed.
20. Cable halters will not be allowed in the show ring.
21. 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.
22. 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, 2021. The Produce of Dam Class winner does not qualify for the final drive.
23. There will be one 2nd 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.
24. 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.
25. Exhibitors are required to wear their designated 4-H or FFA T-shirt, jeans, and closed-toe shoes in the Show Ring.
26. Unruly animals may be excused from the ring at the discretion of the ring superintendent.

<p>Tuesday, July 20 6:00 – 9:00 p.m. Enter Cattle - Fair Office Scale</p> <p>Thursday, July 22 3:00 p.m. Beef Show, Dueland Pavilion</p>
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DIVISION - MARKET STEERS

1. Steers will qualify for the purple and blue award groups only if they have an average daily gain (ADG) of 2.3 pounds or more from the beginning weigh date to the show weigh date. ADG formula will be (show weight - Beginning weight) / days on test.
2. Market steers will be divided into the following divisions:
 - i. CLASS ● All Other Breeds ● Angus ● Charolais ● Chianina ● Gelbvieh ● Horned Hereford ● Limousin ● Maine-Anjou ● Miniature Hereford* ● Polled Hereford ● Red Angus ● Salers ● Shorthorn ● Shorthorn Plus ● Simmental ● Crossbreds ● Story County Produce ● Slick Shear
 - ii. Within each division, classes will be made by show weight. * Miniature Hereford steers are exempt from ADG requirements.
3. 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.
4. 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.

5. 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.
6. First and second place in each class within a division will compete for Division Champion and Reserve Champion. Champion and Reserve for each division will compete for Grand and Reserve Champion Steer. Three honorable mention awards will also be presented.
7. If less than 3 head of one breed check-in at the show, all of the breed's steers will be shown in the All Other Breeds Division.
8. Market steers will be placed on individual merit from market standpoint, taking into consideration conformation, quality, finish, weight for frame size and gain ability.
9. In the event of formal protest concerning questionable parentage of steers entered in breed divisions, the show reserves the right to secure a blood sample from the animal and its sire and have it tested. Premiums and sale proceeds will be withheld pending the final determination of eligibility.

DIVISION - MARKET HEIFERS

1. Open to all market heifers of any breed which have been weighed and tagged at an official verification site.
2. All breeds and crossbreds will be shown together.
3. Ribbons awarded in the Market Heifer Division will be purple, blue, red and white. Heifers will qualify for the purple and blue award groups only if they have an average daily gain of 2.1 pounds or more from the beginning weigh date to the show weigh date. See Market Steer rule #1 for ADG formula.
4. Market heifers will be placed on individual merit from market standpoint, taking into consideration conformation, quality, finish, weight for frame size and gain ability.
5. First and second in each class will compete for Division Champion and Reserve Champion.

Market Class

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

Market Class

- Polled Hereford
- Red Angus
- Salers
- Shorthorn Plus
- Simmental
- Crossbred Market Steer
- Story Co. Produce
- Slick Shear Market Heifer
- Slick Shear Market Steer
- 2nd Year Bottle Bucket Class (5-7 grades)

DIVISION - BREEDING HEIFERS

1. General Livestock Rules and Regulations and 4-H General Rules and Regulations apply in this division. Also, see general rules for 4-H Beef Cattle Department.
2. All heifers shown in the breed classes will follow the breed classification requirements of the Iowa Junior Beef Breed Association.
3. All purebred and commercial heifers must be tattooed. Calfhood vaccination tattoo is not acceptable as the official tattoo. AGAIN FOR 2020: A secondary identification method is required for all breeding beef. This can include one of the following: 1) Registration Number (if registered through a breed association); 2) Calfhood vaccination number; or 3) Official Iowa 4-H ear tag. Both the tattoo and secondary method of identification must be recorded in 4-H Online by June
4. A class for commercial breeding heifers is available for non-registered breeding heifers.
5. If less than three head of one breed check-in at the show, all of that breed's heifers will be shown in the All Other Breed's Division.
6. The youngest class will be shown first with heifers put in order of age as the class starts - with the youngest animal first.

7. Breeding heifers will be divided into the following divisions:
 - a. • All Other Breeds • Angus • Charolais • Charolais Percentage • Chianina • Foundation Simmental • Gelbvieh • High % Maine-Anjou • Horned Hereford • Limousin • Lim-Flex • Maintainer • Miniature Hereford • Polled Hereford • Red Angus • Red Angus Foundation • Salers • Shorthorn • Shorthorn Plus • Simmental • Commercial • Story County Produce
8. Entries will be placed numerically as well as in ribbon groups.
9. In the event of questionable parentage of purebred registered beef heifers, the show reserves the right to secure a blood sample from the animal and have it tested.
10. A Supreme Breeding Heifer Champion and Reserve Champion will be selected from the champion of each breed shown in the Breeding Heifer Show. Three honorable mention awards will also be presented.
11. 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 February 1. The animal must be shown with halter. Produce of Dam must be at least 1 year of age. The Produce of Dam Class winner does not qualify for the final drive.
12. 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.

Breeding Heifer Class

- Registered 1st Year Heifer
- All Other Breeds
 - Angus
 - Charolais
 - Charolais Percentage
 - Chianina

Breeding Heifer Class

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

Breeding Heifer Class

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

Breeding Heifer Class

- Shorthorn Plus
- Simmental
- Foundation Simmental
- Commercial Heifer
- Story County Produce

DIVISION - BREEDING HEIFERS

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 [https://v2.4honline.com/ database](https://v2.4honline.com/database) by 4-H'ers and FFA members must provide information to the Agricultural Education Instructor and Fair Operations manager 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. If less than three head of one breed check-in at the show, all of that breed's Cow/Calf pairs will be shown in the All Other Breed's Division.

Cow/Calf Class

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

Cow/Calf Class

- Maintainer
- Miniature Herford
- Polled Herford
- Red Angus
- Red Angus Foundation
- Salers
- Shorthorn
- Shorthorn Plus
- Simmental
- Foundation Simmental
- Crossbred

Cow/Calf Class

2nd Year or Older Cow/Calf

- All Other Breeds
- Angus
- Charolais
- Charolais Cross
- Chianina
- Gelbvieh
- Horned Herford
- Limousin
- Lim-Flex
- High % Maine-Anjou

Cow/Calf Class

- Maintainer
- Miniature Herford
- Polled Herford
- Red Angus
- Red Angus Found.
- Salers
- Shorthorn
- Shorthorn Plus
- Simmental
- Foundation Simmental
- Crossbred

Saturday, July 24 8:00 p.m.	Enter Cattle, Pens behind Fair Office
Sunday, July 25 11:00 a.m.	Judging of Advance Cattle Feeders
11:30 a.m.	Judging of Live Beef Carcass Class

DIVISION - ADVANCED CATTLE FEEDER PEN

Superintendent: Shayn Harrison

Refer to General Rules and Health Rules for additional information.

1. 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.
2. 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>.
3. A beginning price on the project will be the actual purchase price, provided the member can produce a sales slip.
4. Weight range of advanced feeder cattle on February 1 is 500 – 700 pounds. They should be at appropriate market weight on the sale date.
5. 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.
6. 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.
7. Feeder calves do not need to be broke to lead & cannot be shown as market beef animals at the county fair.
8. All calves enrolled in the project should be exhibited at the show.
9. 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.
10. 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 4HJF-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.
11. Interview times will be scheduled with the judge (interview time will be announced at fair weigh-in).
12. 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

* 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

Class

Senior Showmanship

Master Showmanship

Intermediate Showmanship

Junior Showmanship