

BEEF DEPARTMENT

COMMITTEES:

Beef Committee — Karen Loudon (Superintendent), Larry Bailey, John Baker, Luke Baker, Jeff Welch, Zach Welch, Cole Miller, William Long, Ben Adamson, Rob Evans, Ron Skarda, Callie Anderson
Youth: Macy Evans
Ultrasound — Bonnie Larson

1. General Rules - Review livestock general rules printed at beginning of this division.
2. Stall assignments for each club will be posted in each barn. The same space outside the barn is to be available for exhibitor's use.
3. No grooming chutes inside the barns. All grooming chutes should be placed in the covered grooming area to the east of the show arena.
4. Barn or stall assignments will not be posted until all cow-calf and feeder pens are arranged.
5. Stall Dividers- Safety will be taken into consideration for exhibitors and their animals. Fans are to be hung from the rafters, no butt fans. No cages, no chutes in the tie stall area. Each club will be limited to one set of stall dividers. Beef Committee has final say.
6. Beef exhibits should line up at North end of show ring and enter show ring in order listed in show program.
7. Substitute Showman - See General Rules.
8. Showmanship classes will be shown in the following order: Senior, Intermediate, Junior, and Elite Showmanship.

MARKET BEEF

(MARKET STEERS & MARKET HEIFERS)

1. All market beef animals must have been weighed in and identified by tags from the County Extension Office prior to January 15. Animals to be weighed on arrival at County Fair. Rate-of-gain is to be calculated on all animals entered as market steers or market heifers.
2. Classes will be established for home raised exhibits. Calves to be exhibited as Home Raised must have been identified as Home Raised on the 4-H Market Beef Identification Form at weigh-in. and on file in the county Extension Office. For Home Raised classes, exhibitor's immediate family (parents, grandparents) must own the dam of the market steer/heifer at the time of conception. Entries will be shown by weight divisions. Class winners will compete for division Champion and then for Grand champion of the show.
3. Each exhibitor may exhibit a total of four (4) market beef tie animals. Includes carcass animal.

4. To qualify for a purple or blue rating a market steer must have an average daily gain of 2 lbs. and market heifers 1.75 lbs. (Note: Animals being exhibited at the State Fair must meet qualifications noted in state fair regulations.

5. Market beef classes will be evaluated by the beef judge on appearance as in the past (you may choose to have an animal in these classes scanned but that information will be for your personal use only and will be shared after the fair).

6. Market Heifer/Breeding Heifer ID change —

7. If heifer is originally weighed in as a market heifer, the animal does NOT need to be ID'ed again in 4hOnline as a breeding heifer with tattoo by May 15th.

8. If the heifer does show breeding instead of market, be sure a breed is designated at weigh-in time in 4hOnline by Feb. 1 or the heifer will only be eligible as a crossbred.

40205 — Purchased Market Steer

40206 --- Homeraised Market Steer

40202 — Market Heifer

PEN OF THREE CLASS (Advanced Feeders)

1. A class of three feeders to be tagged and weighed in at time of weigh in. They may be either steers or heifers but not mixed sex. Advanced feeders may be sold in pens at the County Fair sale. Member may weigh-in up to six animals per pen, but may bring only one pen of three per class to the fair.

2. Pen of three pens will be weighed at a time selected by the committee for pay weight for livestock sale. All advanced feeders will be ultrasound. Advanced feeder pens cannot compete in the ultrasound carcass class.

3. Exhibitors are responsible for cleaning pens and assisting with removal of pen gates from the barns.

4. Feeder pens will be divided into classes by sex.

5. Must provide required criteria for judge to examine. Ultra-sound data of all three animals will be provided for the judge prior to the judging.

6. Pen of three advanced feeder's class will be evaluated by the beef judge on appearance, rate of gain data, posters, brief interview and ultrasound data as described above in General Rule #8.

Poster Rules

1. Exhibitors participating in the Pen of 3 project are required to create a poster of your beef project. Poster needs to be on a poster board sized material, approximately 22" X 28"

2. Poster should include but is not limited to:

- Exhibitor Name
- Home Raised or Purchased
- Beginning weights of beef animals
- Picture(s) from duration of beef project
- Feed ration details for beef animals (feed inputs, feed costs, etc.)

3. Upon completion of the initial fair weigh-in and ultrasound on Sunday of county fair, then exhibitors in the Pen of 3 project will need to complete a final form obtained from the fair office which needs to be hung next to the exhibitor's existing poster.

The form will include: Beginning weight, county fair weight, average daily gain, and ultrasound data.

40204 — Pen of Three - steers

40203 — Pen of Three – heifers

ULTRASOUND CARCASS BEEF CLASS

1. Members may indicate one animal that is entered in county fair to be scanned and an ultra sound reading done. Additional animals may be scanned at the member's expense and may not be entered in the carcass class. Member must report the animal they choose to have entered in the carcass class at the time of ultra-sounding; calves entered in the carcass class must be lead/tie calves.
2. Ultrasound will be done during the beef weigh-in at 7:00 a.m., Sunday by a qualified technician(s).
3. There will be a specific market beef carcass class judged at the county fair during the beef show.
4. Placing is up to the judge's discretion with the carcass data provided by the ISU Extension Beef Program Specialist being used as a tool.
5. Carcass class will have a champion and reserve champion honors and designated trophy.
6. Top carcass animal will compete in the overall grand champion market class, and it will sell, if so desired, in the champion line-up at the livestock auction.
7. Beef carcasses will be ranked by increase in retail value of the carcass per day on feed. This is influenced by average daily gain, degree of marbling, fat thickness, loin-eye muscle area, % kidney, pelvic and heart fat, carcass weight and price premiums and discounts.

Carcass Value Per Day On Feed is calculated as follows:

((Estimated hot carcass weight – (.55 x beginning live weight) x percent retail product x contest carcass price as determined by appropriate grid))/64/days on feed.

40207 – Carcass

Pen of three class will be evaluated by the beef judge on appearance, rate of data, and ultrasound data as described above.

Market beef classes will be evaluated by the beef judge on appearance as in the past (you may choose to have an animal in these classes scanned but that information will be for your personal use only and will be shared after the fair);

Market beef carcass class will be evaluated by an Iowa State University livestock specialist using the ultrasound data as described in General Rule #8.

BEEF BREEDING HEIFERS

1. Breed, purebred/registered, classes will be established for all entries with association papers, providing there are 2 in a class. If not, you will be AOB or commercial.
2. Commercial classes will be divided according to weight.
3. All heifers to be eligible shall be born between September 1, 2015 and December 31, 2016.
4. All heifers will be judged from the standpoint of breed characteristics, type, quality, and conformation with future usefulness as a breeding cow.
5. All breeding heifer projects must be identified by an **EAR TATTOO** by May 15 in 4-H Online.
6. All breeding heifers must have birth date and be weighed in at weigh in time on Sunday morning. Registration papers and tattoos will be checked at scales on all heifers.
7. An exhibitor may exhibit a maximum of 3 breeding heifers.

40304 — Registered/Purebred breeding heifer

40305 — Crossbred breeding heifer

BEEF COW AND CALF

1. Limit of one cow-calf per exhibitor for each class.
2. The calf must be the offspring of the cow.
3. Calf must be identified by July 1st of current year.
4. Cow and Calf pairs must check in by the beef committee members. Beef committee members will come around to the barns.
5. All cows must be identified by an **EAR TATTOO**. Calf must have a **tag of identification**.

40302 — Cow and Calf — First Calf Heifers

40303 — Cow and Calf — All other Cow/Calf pairs.

FEEDER CALVES

The purpose of this class is to provide exhibitors enrolled in the beef breeding project an opportunity to exhibit the result of the product their (or their families) herd.

1. To qualify for this class each calf (heifer, steer, or bull) entered must have a certified birth date and could be the offspring of a breeding female identified in 4-H online as a breeding beef project by May 15th of the current 4-H year.
2. Each exhibitor will be limited to two entries.
3. Entries may be heifer, steer or bull calves born during 2017 but born before May 15.
4. Feeder calves must be on the fairgrounds by 8:30 A.M.
5. Feeder calves must be broke to lead and to stand tied unless in pen with dam.
6. Feeder Calves must be identified by **EAR TATTOO** or **ear tag**. They must be in 4-H Online by May 15th.
7. Feeder Calves cannot come in until day of show and must go home afterwards

40402 — Feeder calf - steer

40401 — Feeder calf - heifer

40403 — Feeder calf - bull

BUCKET/BOTTLE CALF

1. To qualify for this class each calf entered must be in the member's possession and have the animal listed on 4-H Online by May 15 of the current year. This goes for Clover Kids too.
2. Each exhibitor can identify up to 3 animals but will be limited to 1 entry at the county fair.
3. Entries may be male or female born from January 1 to May 15, 2018
4. Calves must be broke to lead and tie.
5. All calves will be identified by a 4-H ear tag.
7. Bucket/Bottle Calves will be checked in at the office on Sunday, and will remain on the grounds until release at 8:00 am on Wednesday.
8. Clipping is allowed. NO FITTING, NO ADHESIVES. Show halters and show sticks are optional.
9. Judging will be based on the following:
 - a. What the exhibitor has learned about the care and raising of the calf.
 - b. The general health and appearance of the calf and the exhibitor's knowledge in the health area.
 - c. The completed record sheet. (The record sheet should be turned in 2 weeks before fair, so the judge has time to read them over)

40101 — 3rd grade Clover Kids (Clover Kids will not be evaluated with ribbon placing)

40102 — Juniors

40103 — Intermediates and Seniors

RETURNING BUCKET/BOTTLE CALF

1. To qualify for this class:

Must be enrolled in the bucket calf project area

Each calf must have been shown at county fair the previous year

All market and breeding heifer returning bucket calves must be weighed-in at beef weigh-in and identified in 4-H Online in January and all breeding returning bucket calves must be identified in 4-H Online by May 15 of the current year. (All breeding returning bucket calves must follow the same rules as breeding beef, see breeding beef section). Tattoos are required, calfhood tattoo vacc. does not count.

2. Calves must be broke to lead and tie.

3. Returning Bucket/Bottle Calves will be weighed at the county fair weigh-in.

4. Any animal shown in this class may not be shown in any other beef or dairy class during the fair.

5. Clipping and fitting of animals is allowed.

6. Any member may sell their animal at the sale on Wednesday. Let the office know you are selling by Wednesday.

7. Judging will be based on the following:

- a. What the exhibitor has learned about the care and raising of the calf.
- b. The general health and appearance of the calf and the exhibitor's knowledge in the health area.
- c. The completed record sheet. (The record sheet should be turned in by the date set before fair, so the judge has time to read them over.)

8. Grand Champion and Reserve Champion Returning Bucket Bottle Calves will be in competition for Grand Champion and Reserve Grand Champion market/ breeding beef.

40201 — Returning Bucket/Bottle Market

40301 — Returning Bucket/Bottle Breeding Heifer

SHOWMANSHIP CLASSES

40601—Junior

40602—Intermediate

40603—Senior

40604—Elite