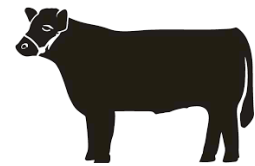




STEER PROJECT GUIDEBOOK



Species-Chair:

Drew Alpers * drewalpers@gmail.com * 231-642-0859

Assistant Species-Chair:

Kelly Kraeft * verykraefty@gmail.com * 231-735-6366

IMPORTANT DATES		IMPORTANT INFO	
Registration	January 4 th	Minimum Weight @ Fair	900 lbs
Birth Date	After January 1 st , 2020		
Possession	January 1 st	Record Book	Required
Tagging	January - March	Thank You Note	Required

General Requirements

- ◆ Participating youth must abide by all general rules and regulations listed in the Northwest Michigan 4-H Livestock Council's Member Guidebook. This includes, but is not limited to, Code of Conducts, registration deadlines, showmanship and market requirements, etc.
- ◆ To participate in a 4-H steer project, youth must attain the age of thirteen (13) or older by January 1st of that calendar year.
- ◆ Registration is due to the Northwest Michigan 4-H Livestock Council Auction Committee no later than the January council meeting.
- ◆ Youth are required to complete a project record book depicting their experience from beginning to end of the project. It is recommended that youth weigh and photograph their project at time of purchase.

Animal Requirements

- ◆ All cattle **MUST** have an official radio frequency identification (RFID) electronic tag in their ear before they leave the farm on which they were born.
- ◆ Calf must be a steer (castrated male).
- ◆ Steer must be of a beef breed (no Holstein, Jersey, or other dairy breed).
- ◆ Steer must be born after January 1st of the previous year. The one exception is Scottish Highlander cattle, which can be 20-24 months at fair time.
- ◆ Steer must be in possession or under the care of the 4-H member by January 1st.
- ◆ Horns can be no longer than 3". If horns are present, there must be signs of dehorning. Scottish Highlander calves are allowed to have horns.
- ◆ Steer must weigh a minimum of 900 pounds at fair check in.

Fair Week Requirements

- ◆ Protective boots are required at all times when working with your steer (tennis shoes or sandals are not permitted)

- ◆ Weigh-in takes place the first Saturday of fair.
- ◆ Youth are responsible for providing enough grain and hay to care for their steer throughout the entire week. No feed, feed bags, or supplies are to be left in the barn (everything must be stored at the campsite).
- ◆ Members are responsible for feeding, watering, and caring for their own animal the entire week.
- ◆ Show Requirements:
 - Members are required to show in the appropriate showmanship and market classes in order to auction their steer.
 - A leather show halter, show comb, and show stick are required for showing.
 - Use of false tail heads or adding hair or hemp is prohibited. Coloring agents may only be used on the legs and tail head. Use of powders is prohibited. No forced administration of fluids to create gut fill will be allowed.

Helpful Info

- ◆ Cost:
 - Animal: \$800-2500
 - Feed: \$1000-1500 (figure \$1500 if you must purchase all your feed)
- ◆ Housing:
 - Shelter: From rain, snow, and sun
 - Exercise: Ensure that the steer will have room to move at its final size
- ◆ Nutrition:
 - Fresh water at all times. Ensure that it does not freeze throughout the winter
 - Purchased steer should weigh between 450-600 lbs in the fall
 - Steer should be fed 2 to 2.5% of its body weight per day in order to gain 2.25 to 2.5 lbs of weight per day (approx. 750 lbs of gain)
 - Feeding from November to August (280 days) will require approx. 5000 lbs of feed
 - Feed hay at all times
 - Most grain mixes contain 14 to 16% protein. If feeding straight corn or oats you will need to feed about 1 to 1-1/2 lbs of a protein supplement each day
 - Different Feeds:
 - Energy – corn (cracked or whole shelled), processed grain from feed mill/store
 - Roughage – hay, silage
 - Supplements – soybean meal, processed supplements from feed mill/store
 - A finished steer will have 0.2 to 0.3 inches of fat cover over his back and ribs. As fair approaches, cut back or increase the grain to control the amount of fat finish
 - Be sure any changes to the steer's feed and nutrition are done gradually
- ◆ Health:
 - Observe daily: Note any difference in behavior (not eating, not getting up, sluggish, ears down, etc) or any difference in appearance (bloating, runny nose, mucus eyes, etc). Changes in behavior or appearance usually indicate something is wrong; seek help or advise from a veterinarian immediately
 - Wash and clip your steer several times before the fair so it gets used to it
 - Trim hoofs about 4-6 weeks before the fair

- Vaccination boosters are highly recommended: injection should include IBR, BRSV, PB and BVD type I and II vaccines
- Steer should be wormed once every 2 months, leaving proper withdrawal period before slaughter
- ◆ Training:
 - Start slow: Begin by just watching and talking to your steer
 - Tie your steer to a fence post or secure object for an hour or two at a time. This will get it used to being restrained and standing still. This is also a good time to brush him down so that he gets used to being touched. For safety reasons, never leave your steer alone when he is tied up
 - Expose your steer to as many sights and sounds as possible; i.e. play a radio in the barn
 - Be sure to practice with the show halter and show stick that will be used during fair
- ◆ Fair Week Show Attire:
 - Clean pants or jeans (free of rips or holes)
 - Long or short sleeve dress shirt (button-down is recommended)
 - Protective boots or leather shoes

Tips

- ◆ ASK QUESTIONS!!! If you encounter a situation or a question that you don't know the answer to, be sure to ask for help. Reach out to the species-chair, your club leader, another member raising a steer, or any member of the Livestock Council board. If that person does not have the answer, they WILL help you get it.
- ◆ Education – Attend as many education sessions and events as possible to help further your knowledge of your species
- ◆ Steer Selection – Always focus on a looking for good structure: sturdy legs, sound hooves, a straight back, a wide and long loin, and a full/meaty rear leg. Steer should look free from illness and walk without any noticeable stiffness.
- ◆ Hot Weather – A steer will tend to lose its appetite when it is too hot. If the temperature outside is above 80 degrees, cool down your steer with water or a bath; Remember to always start by putting the water on the legs and working up toward the back.
- ◆ Keep Good Records – Use a calendar to track purchases, weekly feeding schedules, weight gain, and medications. This information is important for your record book and also is a great guide to use for the next steer project.