

117 Beef Projects – General Requirements

Includes:

- **117B Beef Breeding**
- **117BF Beef Feeder**
- **117DF Dairy Beef Feeder**
- **117M Market Beef (aka Market Steer, Dairy Market Steer)**

All dates are listed on the Tuscarawas County Fair Livestock Requirement Summary.

1. All livestock projects must be owned, in continual care of the exhibitor, and registered by specified dates. An exhibitor is eligible to register a back-up animal. Members may register 1 or a maximum of 2 beef animals with one being eligible to exhibit at the Tuscarawas County Fair or if you have a brother, sister or half-brother or half-sister who are members of a Tuscarawas County 4-H Club and reside in the same household, who have also registered a beef (breeding or beef feeder) animal at the same time designate a back-up beef breeding heifer or cow that may be shown by; yourself or any of the above mentioned individuals.
2. All members must have a working knowledge of Beef Quality Assurance (QA) issues and **are required to attend one QA session.**
3. Complete Project Guidelines as described on Page 5 of project book.
4. All members in a Beef project must have access to 117R Beef Resource Handbook. This can be purchased through your club advisor or directly from the Extension office. (Due to cost factors, one book **per family** is recommended.)
5. All livestock exhibitors are required to attend Interview Judging to exhibit their animal at the Tuscarawas County Fair. **Interview judging in this project will reflect individual's project experience.** Members are to bring completed (to date of Interview Judging) 117 Beef Project and Record Book. **NO SECTIONS ARE OPTIONAL.** If a conflict arises, a member may attend Pre-Judging by appointment only. Members are **not eligible** for county interview placing if they attend Pre-Judging.
6. Member should know for Interview Judging: Pillars of Character, 4-H Pledge, 4-H Motto, 4-H Colors, and be able to describe the role of the Ohio Livestock Care Standards Board.
7. Please add a feed tag each time you change feed.
8. To exhibit your animal at the Tuscarawas County Fair, a fair entry must be made (available from the Tuscarawas County Fair Book received at Interview Judging) and submitted to the Extension office by the deadline. **LATE ENTRIES NOT ACCEPTED.**



9. Members can only exhibit two (2) large animal projects which must be in different classes as indicated in the Tuscarawas County Fair Book. Members taking feeder calf, beef breeding, sheep breeding, or horse production may exhibit a third animal if they are enrolled in the corresponding market/horse project. Members are only eligible to receive money from a maximum of two revenue generating livestock sale projects at the fair, regardless of number shown.
10. All fair exhibitors are responsible to provide their own bedding for their animals and all pens MUST be kept dry and clean throughout the fair. Water must be always available for your animal. Following the loading out of animals, all exhibitors are responsible for a thorough cleaning of their pen. Make sure ear tag is clean and readable!
11. **It is suggested that large gifts are not to be given to your buyer following the sale of your animal.** Some buyers park far away (possibly off the fairgrounds) or may not be able to fit everything into their vehicle. *Remember, your animal may not be the only one they purchase.* Instead, thank your buyer personally at the fair then make a follow-up visit with them to bring any items you may wish to give them.
12. **Sale checks will be distributed in October.** Check with your advisor or our web site (<http://tuscarawas.osu.edu>) for dates, times, and location. To receive your sale check, bring completed 117 Beef Project and Record Book along with your buyer thank you card (properly addressed with postage). **Please write legibly!**

If you have any questions regarding your project and your advisor is unable to answer your questions, please don't hesitate to contact the Extension office at 330-339-2337.

Kiersten Heckel, 4-H Extension Educator, heckel.13@osu.edu

117B Beef Breeding

All dates are listed on the Tuscarawas County Fair Livestock Requirement Summary.

Beginners must know the following *in addition* to the items listed on the Beef General Requirements:

1. Be able to identify 10 parts of the animal.
2. Be able to identify 5 breeds of cattle.
3. Be able to describe 5 characteristics of the ideal heifer.
4. Know the 5 essential nutrients.
5. Know what is in your feed.
6. Know the definition of heat.
7. Know approximately how long a heifer is pregnant.
8. After a cow has calved know what the most important thing a calf should receive from its mother.
9. Know at least 3 vaccinations your heifer should have.
10. Know at least 3 things you can do to prevent diseases.
11. Be able to identify the injection sight of medication for beef cattle.
12. Be able to tell 3 things you will do to your heifer before you show her.
13. Know what you will take into the show ring.

Intermediates must know the following *in addition* to the items listed on the Beef General Requirements:

1. Be able to identify 15 parts of the animal.
2. Be able to identify 7 breeds of cattle.
3. Be able to describe 8 characteristics of the ideal heifer.
4. Know the 5 essential nutrients and know what grains are high in energy.
5. What are the 4 parts of the stomach?
6. Know how often the estrous (heat) cycle occurs.
7. Know 2 signs of estrus (heat).
8. Know how long estrus (heat) lasts.
9. Know when you AI (Artificially Inseminate) breed a heifer after showing signs of estrus (heat).
10. Know the 3 mating systems.
11. Be able to tell why Artificial Insemination is used.
12. What is crossbreeding and pure breeding?
13. Know what to do if your calf is not breathing after calving.
14. Know at least 4 vaccinations you should give your heifer.
15. Know at least 4 things you can do to prevent diseases.
16. Know the answer to: What are internal parasites?
17. Know the answer to: What are external parasites?
18. Know the 2 ways you can inject cattle.
19. Be able to discuss some show ring ethics.
20. Be able to discuss fitting preparations for the show.



Advanced must know the following *in addition* to the items listed on the Beef General Requirements:

1. Be able to identify 20 parts of the animal.
2. Be able to identify 10 breeds of cattle.
3. Be able to describe 10 characteristics of the ideal heifer.
4. Be able to describe 2 leg structural differences in cattle.
5. Know the 4 parts of the stomach and be able to discuss each ones function.
6. Know the 5 main nutrients and be able to know what feed ingredients are in the nutrient groups.
7. Know which mineral may be deficient in cattle feed and what it causes in grazing cattle.
8. Know what estrous synchronization is.
9. Be able to discuss in depth why artificial insemination is so widely used in cattle.
10. Know and be able to discuss the 3 stages of calving.
11. Be able to discuss calving problems and what should be done.
12. Know what homozygous and heterozygous is.
13. Know what embryo transfer is and why it is used.
14. Know why performance records are used.
15. Know at least 4 vaccinations you should give your heifer for disease and be able to discuss what the disease causes and how it affects your heifer.
16. Know how to treat internal parasites.
17. Know how to treat external parasites.
18. Know the two proper injection methods and proper way to give and handle medication.
19. Be able to discuss how you will groom your heifer.
20. Be able to discuss show ring ethics.

If you have any questions regarding your project and your advisor is unable to answer your questions, please don't hesitate to contact the Extension office at 330-339-2337.

Kiersten Heckel, 4-H Extension Educator, heckel.13@osu.edu

County 4-H Project Completion and Judging Overview 2021

Please carefully read this information; it may answer most Interview Judging or county fair questions.

Project Guidelines

For project guideline information, visit: go.osu.edu/tusc4-hguidelines

All project guidelines are available online. Only equine and livestock projects will receive guidelines with project book.

Guidelines need completed for Interview Judging. Members taking more than one project in the same interest area need to complete guidelines for each project and cannot use the same items to support both projects.

For a member to achieve the progression of goals needed for development, 4-H projects must be separate and different from those carried in other organizations such as FHA/HERO, FFA, Scouts, Camp Fire, grange, church, and school (including industrial arts class, science fairs, etc.).

Project Completion and Interview Judging

For more Interview Judging information, visit: go.osu.edu/tusc4-hjudging

Completion of a 4-H project may be achieved in one of two methods. Members must choose one of the following for evaluation, based on the completion of project guidelines and knowledge gained. **All projects must be judged no later than August 6.**

- *4-H Project Interview Judging* – All members are required to attend an Interview Judging evaluation to receive a project grade. All projects are evaluated using individual project guidelines. Club times will be assigned, and advisors will be notified of their club's times. Members are strongly encouraged to attend at their club's scheduled time.
- *Pre-Judging* – Pre-Judging is arranged in advance. Any member who is unable to participate in 4-H Project Interview Judging may participate in Pre-Judging. Participants will be ineligible for county awards and state fair participation. Contact the Extension office **after June 1** to schedule an appointment. Post-Judging arrangements will be reviewed on a case-by case basis if a member misses Interview Judging due to extenuating circumstances.

Dress Code

Clothing and footwear need to be neat, clean, and appropriate for a professional office interview. No blue jeans or shorts. Shirts/tops and skirt length should be conservative. Wear appropriate shoes (no flip flops).

#2010 Dog Obedience

Judging dates are determined by the key leaders and will be distributed at the dog project information meeting.

#588 The Writer in You

Writings are due to the Extension office **before Noon on Thursday, July 1, 2021.**

Shooting Sports Projects

The Shooting Sports program is designed for 4-H members ages 9 to 18 (4-H age). Judging dates are determined by the key leaders and will be distributed at the Shooting Sports orientation meeting.

Llamas/Alpacas Projects

Tuscarawas County does not currently have a program in place for llamas/alpacas.

Precise Schedules to be Announced				
Monday July 12	Tuesday July 13	Wednesday July 14	Thursday July 15	Thursday July 22
Equine (includes Horseless Horse)	FCS Related	Small Livestock (all goats, poultry, rabbits)	Dairy	Clothing and Style Review
Swine	Food and Nutrition		Beef	
	Miscellaneous		Sheep	
	#200 All About Dogs #201D You and Your Dog			



Member Evaluation Form

This form is due to our office no later than June 15, 2021.

This is available from the organizational advisor or online (go.osu.edu/tusc4-hjudging). It is to be **completed by the 4-H Advisor and parent/guardian** if they feel it is necessary that the judge should use special consideration concerning a 4-H member during Interview Judging.

State Fair Eligibility

For more State Fair competition or entry deadline information, visit: <http://www.ohiostatefair.com>

4-H members enrolled in non-livestock projects must attend regularly scheduled judging to be eligible to place in the county or be eligible to go to State Fair. 4-H members in clothing projects must participate in the county 4-H Style Review to be eligible to be selected for State Fair competition. No pre-judging participants will be considered.

County Fair

For more county fair information or to see the fair booklet, visit tusccountyfairgrounds.com.

Fair rules and show information are in the Junior Fair Supplement. Entry forms will be online only.

Of special note:

- **All Junior Fair exhibitors must have their official entries completed and signed by their parent/legal guardian regardless of age. The Tuscarawas County Extension office collects Junior Fair Entry Forms on behalf of the Senior Fair Board. All entries must be in the Extension office before by 4:00 p.m. on August 6, 2021. LATE ENTRIES ARE NOT ACCEPTED BY THE TUSCARAWAS COUNTY AGRICULTURAL SOCIETY – NO EXCEPTIONS.**
- Wristbands will be distributed only to members who have a yes (Y) in the Club Completion Column on their club's Completion Sheet.
- Members must have an exhibit at the county fair (as stated in project guidelines) in order to receive a fair premium. If there are circumstances where an animal is not able to be exhibited, a display or poster must be exhibited in the member's club's or county miscellaneous booth.

PROJECT RATINGS, PREMIUM REQUIREMENTS, and PAYMENTS		
<i>All premiums are paid by the Tuscarawas County Agricultural Society based on project rating received at 4-H Interview Judging.</i>		
Gold	<ul style="list-style-type: none">• Exceptional project knowledge.• Work exhibits extra effort with individual initiative to go above and beyond the project requirements.• A thorough understanding of proper methods to complete project.	\$8
Silver	<ul style="list-style-type: none">• Very knowledgeable of project subject matter.• Completed project requirements.• Project presented in a neat and organized manner.	\$7
Bronze	<ul style="list-style-type: none">• Adequate project knowledge.• Has made effort towards completing requirements and project presentation	\$6
Participation	<ul style="list-style-type: none">• Shows little effort towards completing requirements and presentation.	None
MEMBER'S PRESENTATION AND ATTITUDE WILL AFFECT PROJECT RATING		

Please email or call us at 330-339-2337 if you have any questions.

Kiersten Heckel, Extension Educator, 4-H Youth Development – heckel.13@osu.edu

Christine Kendle, Extension Educator, Family and Consumer Sciences - kendle.4@osu.edu

2021 Tuscarawas County Junior Fair Livestock Requirement Summary

Each 4-H or FFA member may exhibit two large livestock projects, (in beef and sheep breeding a member may exhibit a third animal if they are enrolled in the corresponding market project) of which must be in different classes. Members can only exhibit two small livestock projects, which must be in different classes. Members are only eligible to receive money from a maximum of two revenue generating livestock sale projects at the fair, regardless of the number shown. [\(See fair book for complete Junior Fair rules.\)](#)

	Mandatory Project Enrollment Date	Possession	Weigh-In, Tag/Tattoo, Banding, DNA, or Pictures	Quality Assurance	Livestock Interview Judging	Fair Entries	Animal Requirements	Health Requirements		
Market Beef & Dairy Market Beef	December 12 or 14, 2020	December 12, 2020	December 12 or 14, 2020	<p>MANDATORY ATTENDANCE AT ONE SESSION IS REQUIRED. All QA sessions for 2021 will be held via Zoom; pre-registration required.</p> <p>Beef – January 25, 6:30 PM Swine Option 1 – February 2, 6:30 PM Swine Option 2 – February 22, 6:30 PM Sheep/Goats – March 23, 6:30 PM Rabbit/Poultry – April 12, 6:30 PM Dairy – April 18, 2:00 PM All Species (catch-all) – April 29, 6:30 PM All Species (catch-all) – May 6, 6:30 PM</p>	<p>July 15, 2021 Midvale Elementary</p>	<p>Due August 6, 2021 No late entries accepted!</p>	1000 lbs. minimum Heifer or Steer must be Male castrated & dehorned	DUNF Vet check upon arrival		
Beef Breeding	April 15, 2021	June 15, 2021	Registration form/Color Pictures due by 4 PM on June 15, 2021, to Extension office				Calf, Heifer or Cow dehorned	No health papers required. Vet check upon arrival		
Beef Feeder Calf							350-650 lbs. Steers, castrated & dehorned	No health papers required. Vet check upon arrival		
Dairy Cattle							Calf, Heifer or Cow Dehorned	DUNF Vet check upon arrival		
Sheep Breeding							Ewes	No health papers required. Vet check upon arrival		
Market Hogs							200-315 lbs. Barrows or Gilts ½ inch hair at fair time	DUNF Vet check upon arrival		
Market Lambs	90 lbs. minimum Ewes or Wethers	DUNF Vet check upon arrival								
Market Goats	65 lbs. minimum Castrated & Dehorned	DUNF Vet check upon arrival								
			ID Form/Pictures June 15 by 4 PM OSU Extension Tuscarawas County				July 12, 2021 Midvale Elementary			
			ID Form/Pictures June 15 by 4 PM OSU Extension Tuscarawas County				July 15, 2021 Midvale Elementary			
			ID Form/Pictures June 15 by 4 PM OSU Extension Tuscarawas County	July 14, 2021 Midvale Elementary						



	Mandatory Project Enrollment Date	Possession Deadline	Weigh-In, Tag/Tattoo or Pictures	Quality Assurance	Livestock Interview Judging	Fair Entries	Animal Requirements	Health Requirements
Dairy Goats	April 15, 2021	June 15, 2021	Registration Form due June 15 by 4 PM Extension office	MANDATORY ATTENDANCE AT ONE SESSION IS REQUIRED. See front for dates.	July 14, 2021 Midvale Elementary Check with advisor for your club's time.	Due August 6, 2021 No late entries accepted!	Dehorned No Males	DUNF Vet check upon arrival
Pygmy Goats & Pack Goats		June 15, 2021	Registration Form due June 15 by 4 PM Extension office				Dehorned	No health papers required. Vet check upon arrival
Market Rabbits		August 28, 2021	Bunnies tattooed August 28 9-11 AM Fairgrounds				3-5 lbs. maximum 70 Days Old	DUNF
Breeding Rabbits		June 15, 2021	Registration Form due June 15 by 4 PM Extension office				N/A	No health papers required.
Broilers & Market Ducks		Cost: TBD Pick up: Fairgrounds Tentatively August	N/A				N/A	No health papers required. DUNF
Pullets & Fancy Poultry		June 15, 2021	Registration Form/Pictures due June 15 by 4 PM Extension office				See Fair Book for specific requirements.	Pullorum-free papers required upon arrival
Ducks, Geese, & Fancy Turkeys		June 15, 2021	Registration Form/Pictures due June 15 by 4 PM Extension office				See Fair Book for specific requirements.	Ducks - No health papers required.
Market Turkeys		Cost: TBD Tentatively June Pick up: Fairgrounds	N/A				20 lbs. minimum	DUNF Pullorum-free papers required upon arrival
Horses		May 28, 2021	Registration Form/Pictures due May 28 by 4 PM Extension office	County Update April 26 or May 10	July 12, 2021 Midvale Elementary		See Fair Book for specific requirements.	No health papers required. Vet check upon arrival

*See the [Tuscarawas County Fair book](#) for more information.

Tuscarawas County Livestock Ages

Disregard age guidelines as stated in record books.

Age is as of January 1 of current year.

Age: 8 - 11 Beginners

Age: 12 - 14 Intermediate

Age: 15 - 19 Advanced

*Unless it is their 1st year in the project then member advances according to age.

Example 1: Greg is 16, first year taking a hog. He is in beginner, 2nd year intermediate, 3rd year advanced.

Example 2: Mary is 12, last year was her first year taking a steer. This year she is in intermediate and will be until she is 15.

Example 3: Susie is 8, taking a goat. She will be in beginner project level for 4 years until she is 12.



NO PICTURES OR WRITING IN THIS AREA

117B Beef Breeding Project Registration Form

Due no later than 4:00 PM on June 15, 2021

Late Registrations Not Accepted - All Fields Required

RETURN COMPLETED FORM TO: OSU Extension Tuscarawas County, 419th Street SW, New Philadelphia, OH 44663. Locked drop box available 24/7 at main entrance.

Submit only one (1) single beef breeding project animal in each photo (example: DO NOT submit a group of calves and circle your project animal). If pictures are not done properly, clear and in COLOR, they will be rejected.

Members may register 1 beef breeding project animal with only one being eligible to exhibit at the Tuscarawas County Fair. (1 serves as a backup). Back-up Animal Rule: Although not required, exhibitors may choose to have one back-up animal in the event the primary animal is unable to come to the fair. **There is a limit of one back-up per exhibitor per registered project animal.** If there are 2 or more exhibitors regardless of relationship, residing in the same household, they may share one back-up animal. In a household with multiple exhibitors and multiple back-up animals of the same project, each backup must be designated to a specific exhibitor. Each member may only exhibit 2 large animal projects. Members taking feeder calf (beef or dairy), beef breeding, sheep breeding, or production may exhibit a third animal if they are enrolled in the corresponding market/horse project.

MEMBER NAME: _____

HOME PHONE: _____ CELL: _____

MAILING ADDRESS: _____

CITY & ZIP: _____

PARENT'S SIGNATURE: _____

(Required regardless of member's age.)

CLUB NAME: _____

ADVISOR'S SIGNATURE: ****NOT REQUIRED FOR 2021 PROGRAM YEAR****

BIRTH DATE OF ANIMAL 1 _____

BIRTH DATE OF ANIMAL 2 _____

BREED OF ANIMAL 1 _____

BREED OF ANIMAL 2 _____

PICTURE SIZE: 2"x3" ONLY. Pictures must be in color.

(PRIMARY PROJECT) ANIMAL 1 (Picture) (BACK-UP) ANIMAL 2 (Picture)

(If this is a back-up beef breeding heifer or cow for more than 1 individual, the picture MUST appear on both registration forms.)

