

## Owyhee County 4-H Beef - Breeding Checklist

Member's Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

Current Year: 20 \_\_\_\_ Number of years in Project \_\_\_\_ Age (as of January 1): \_\_\_\_

Age Division (circle one): Junior (8-10) Intermediate (11-13) Senior (14-18)

Project Description: Own and care for one or more purebred or commercial heifers, cow, or bulls for at least 90 days before exhibiting at the Fair.

All members (regardless of age) should begin with Level 1. Youth must complete at least 5 skills/year; at least one of these must be a Quality Assurance [QA] noted activity. A minimum of 15 different skills should be completed before advancing to the next level. Older youth just entering the project are encouraged to move through Levels 1 and 2 at an accelerated rate to enhance their overall 4-H career learning experience.

See "2022-2023 Idaho 4-H Project Requirements Handbook" for more information about state requirements for this project. Submit this checklist annually with your animal project record book. This page be new each year.

√	Requirement	Details	Date Completed	Leader Initials
	Enroll in 4-H and pay necessary dues.	Enroll at <a href="https://4h.zsuite.org/">https://4h.zsuite.org/</a> & pay enrollment fee to your 4-H leader before March 1.		
	Attend six or more club/project meetings.	Each member must attend six or more meetings to be eligible to participate in Fair.		
	Complete a community service project.	The project must be completed in Owyhee County.		
	Complete annual ethics training.	Each member must complete an ethics activity each year.		
	Give an oral presentation related to <u>this</u> project area.	Must be completed at a <input type="checkbox"/> Club or <input type="checkbox"/> County level. Topic: _____		
	Complete an Involvement Report.	Submit via ZSuite before Fair.		
	Complete a 4-H Breeding/Pet Animal Project Record Book.	Submit via ZSuite before Fair. Start a new record each year.		
	Submit Fair entries.	Entries are open June 15-July 15. Entries are required to exhibit at Fair. Late entries will not be accepted.		
	Complete this Checklist and submit to your leader before Fair.	Must be signed by member, parent, and leader to be considered complete.		
	Choose project animal(s).	Choose one or more heifers, cows, or bulls for your project. Bulls must be less than one year of age by fair date to be exhibited.		
	Individually identify each breeding animal.	Each breeding animal must be individually identified with an ear tag and/or tattoo.		
	Provide proof of ownership, or lease agreement, for each animal.	Provide one or more forms of positive ownership for a minimum of 90 days, for each animal. Include with Project Record Book. If leasing an animal, a lease agreement must be submitted to the Extension Office 90 days before Fair.		

I agree that the above requirements have been satisfactorily completed:

Member Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

Leader Name \_\_\_\_\_

Leader Signature \_\_\_\_\_ Date \_\_\_\_\_

LEVEL 1 SKILLS	Date Completed	Leader's Initials
Describe the reason to provide livestock bedding for your animal(s).		
Describe the basic facilities (housing, pen space & equipment) needed to safely raise your project animal(s).		
Demonstrate how knowing the flight zone of an animal can help you be safe when working with an animal.		
Describe how temperature and air flow can affect the performance and health of an animal.		
Develop a basic project plan (including income, expenses, and facilities).		
Identify at least five breeds of beef cattle.		
Identify at least 20 body parts.		
Describe the importance of raising a structurally correct animal.		
Describe the following animal selection traits: muscling, trimness, growth & frame, structure & balance and why they are important.		
Define why reproduction is important in raising livestock.		
List five basic classifications of nutrients.		
Explain why it is important to have a fresh, clean source of water.		
Explain the difference between a roughage, concentrate and supplement.		
Explain the purpose of a feed label.		
Describe at least five symptoms/behaviors of a healthy animal.		
Describe where injections should be given on your animal.		
List three things you can learn from a medication label.		
List three things you can do to prevent your animal from getting diseases.		
Tell why recordkeeping is important in disease prevention.		
Explain how a veterinarian can help you keep your animal healthy.		
Prepare a list of livestock equipment & supplies needed at a Fair.		
Describe what you will need to do to be ready to show your animal.		
Make a list of products that can be used to groom your animal.		
List some of the steps to halter break your animal.		
Watch a Showmanship video and demonstrate proper showmanship.		
Make a list of animal science related careers.		
Describe how to properly care for your animal at the fair.		
Explain the importance of knowing where food comes from.		
Prepare a thank you card to be used to thank a sponsor or volunteer.		
Discuss why you need to know how much it costs to raises an animal in 4-H.		
<b>(QA)</b> Describe two things you can do to properly handle your animal.		
<b>(QA)</b> Describe biosecurity.		
<b>(QA)</b> Conduct a safety evaluation of your livestock facilities; report any changes needed/made to promote animal well-being.		
<b>(QA)</b> Explain good character and ethics.		
<b>(QA)</b> Define sportsmanship, having to do with raising and showing livestock.		
<b>(QA)</b> Describe what Quality Assurance means to you.		

LEVEL 2 SKILLS	Date Completed	Leader's Initials
Explain the impact of temperature extremes (hot & cold), wind and humidity on livestock performance.		
Identify at least three problems created by insufficient air circulation within livestock facilities.		
List five things to consider when selecting a project animal.		
Tell the importance of skeletal structure in animal selection.		
Evaluate, rank, and give reasons on a class of four animals.		
Participate in a Livestock Judging activity or contest.		
List three major parts of the male reproductive system.		
Describe the difference between a dominant and recessive gene.		
Define the following terms: purebred, crossbred, heredity.		
Explain what a crossbreeding program is and why would it be used.		
Identify heat detection methods used for your cattle.		
Describe when the breeding season should be for cattle.		
Describe the different nutritional needs of a ruminant animal.		
List at least seven pieces of information found on a feed tag.		
Describe the difference between a "caution" and "warning" on a feed tag.		
Describe why a ruminant animal can breakdown and utilize more complex feeds.		
Describe a valid Veterinary-Client-Patient relationship.		
List six things you can do that would help to keep your animal healthy.		
Explain the difference between a vaccination and a medication.		
List at least three external parasites common to your animal and describe how to treat for them.		
Describe castration, dehorning and docking.		
Describe the reproductive difference in a castrated male.		
Define medication withdrawal time and describe why it is important to follow withdrawal times.		
Demonstrate proper grooming and showmanship techniques for younger members in your group.		
Describe where our food comes from to a friend or an adult.		
Describe or give a demonstration on an agriculture career you are interested in.		
Describe the animal identification options for cattle.		
Describe the difference between a bill of sale, receipt, and brand inspection.		
<b>(QA)</b> Describe the term "flight zone" and how you can determine your animal's point of balance.		
<b>(QA)</b> Describe the industry standards for cattle.		
<b>(QA)</b> Create a biosecurity plan for your livestock project.		
<b>(QA)</b> Name the six pillars of characters.		
<b>(QA)</b> Describe unethical behavior and why it's not acceptable in 4-H.		

LEVEL 3 SKILLS	Date Completed	Leader's Initials
Explain why structural soundness is critical; list five common structural defects within cattle.		
Explain the roles of estrogen, FSH, LH and progesterone in male & female reproductive physiology.		
Define heritability and how it is used in breeding management decisions.		
Identify the parts of the female reproductive tract for cattle.		
Describe the impact using artificial insemination could have in a livestock operation.		
Describe why a producer would want to use embryo transfer in their herd.		
Describe difference between fat-soluble and water-soluble vitamins; list the four fat-soluble vitamins.		
Name, in order, the four compartments within the ruminant stomach; explain how roughages are broken down within that system.		
Describe the role body condition scores play in animal production.		
Determine how much it will cost to feed your project animal.		
Name at least eight items that should be listed on an animal treatment record.		
Describe the impacts that parasites can have on animal production.		
Prepare/give a 7-10-minute presentation on nutrition at your club or group meeting.		
Prepare/give a 7-10-minute presentation on health care at your club or group meeting.		
Prepare/give a 7-10-minute presentation on genetics at your club or group meeting.		
Prepare/give a 7-10-minute presentation on related career opportunities at your club or group meeting.		
Prepare/give a 7-10-minute presentation on reproduction at your club or group meeting.		
<b>(QA)</b> Describe best practices for weaning and processing calves.		
<b>(QA)</b> Describe the steps you would take to safely haul your animal project.		
<b>(QA)</b> Identify four examples of unethical behavior; explain why each is wrong and what you think the consequences should be for someone doing that.		
<b>(QA)</b> Prepare/give a 7-10-minute presentation on quality assurance practices at your club or group meeting.		
<b>(QA)</b> Prepare/give a 7-10-minute presentation on ethics education at your club or group meeting.		