

## Owyhee County 4-H Swine – 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 sows or gilts for at least 90 days.

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 "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 will 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.<br>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 gilts/sows for your project.  |                |                 |
|   | Individually identify each animal.                             | Individually identify each animal with an ear tag, tattoo, or notch.   |                |                 |
|   | Provide positive proof of ownership for each animal.           | Provide positive proof of ownership, for a minimum of 90 days, for each animal, by including a Bill of Sale with the Project Record Book. If leasing an animal, a lease agreement must be submitted to the Extension Office 90 days before Fair. |                |                 |
|   | Complete breeding animal declaration form.                     | Complete a breeding animal declaration form by the submission deadline, 90 days prior to exhibiting at Fair, for each animal.  |                |                 |

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.  |                |                   |
| 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.   |                |                   |
| Identify at least 20 body parts.   |                |                   |
| Describe the importance of raising a structurally correct animal.  |                |                   |
| 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 gentle 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.  |                |                   |
| Discuss why you need to know how much it costs to raise 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 swine.   |                |                   |
| Describe when the breeding season should be for swine.  |                |                   |
| Describe the different nutritional needs of a monogastric 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 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 the m.     |                |                   |
| Describe castration and ear notching.   |                |                   |
| 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 swine.   |                |                   |
| 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 sheep.  |                |                   |
| <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 in animals; list five common structural defects in swine.  |                |                   |
| 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 swine.  |                |                   |
| Describe the impact using artificial insemination could have in a livestock operation.  |                |                   |
| Describe difference between fat-soluble and water-soluble vitamins; list the four fat-soluble vitamins.   |                |                   |
| Name, in order, and describe the organs included in the monogastric digestive system. How do monogastric animals differ from ruminant animals?            |                |                   |
| Describe the role body condition plays 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 animal 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 ag-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 piglets.   |                |                   |
| <b>(QA)</b> Describe the steps you would take to safely haul your pigs.   |                |                   |
| <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.  |                |                   |