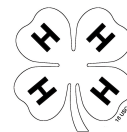




# 4-H SHEEP WORKSHEET

## Grade 10



Name: \_\_\_\_\_ 4-H Club: \_\_\_\_\_

**Answers to these questions can be found in the “Sheep Resource Handbook” 4-H 194 R**

Use Chapter 11 “Reproduction and Genetics” to help you with the following questions.

1. Match the following hormones to the definitions:

- |                               |                                                 |
|-------------------------------|-------------------------------------------------|
| _____ Estrogen                | A. Maintains pregnancy                          |
| _____ FSH                     | B. Allows the female to come into heat again.   |
| _____ GnRH                    | C. Causes the development of the sex organs     |
| _____ Progesterone            | D. Stimulate the development of the ova         |
| _____ Prostaglandin F-2 Alpha | E. Causes the secretion of the male sex hormone |
| _____ LH                      | F. Development of sex organs in the male        |
| _____ Testosterone            | G. Triggers the release of FSH and LH           |

2. Identify the differences between outbreeding, inbreeding, and linebreeding.

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3. Find the genotype and phenotype of the following:

Ram is an RR and the Ewe is an Rr.

|  |  |
|--|--|
|  |  |
|  |  |

4. Explain how the genetic principles applies to you and selection of your 4-H sheep.

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5. Define “defect” and identify three different defects that can occur in sheep.

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Use Chapter 12 “Careers in Animal Science” to help you with the following questions.

6. 4-H livestock projects teach about animal science. Identify some skills or knowledge you have gained in the 4-H sheep project that could relate to a career in the field of animal science.

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7. Identify some animal science careers that are directly related to skills learned in the sheep project.

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8. Based upon reading and personal experience, what are some ways Agribusiness plays a role in the 4-H program?

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Use the Show Ring Ethics information on page 150 of your manual to answer the following questions:

9. Could you be a “winner” showing an animal without getting a champion ribbon? Explain.

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10. What are some methods that Wabash County could implement to start recognizing exhibitors for skills gained through livestock projects/shows? This would be in addition to awards and recognition received in the show ring.

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**DEKALB COUNTY LIVESTOCK RECORD**

(Check one)

- |                                      |                                     |
|--------------------------------------|-------------------------------------|
| <input type="checkbox"/> Beef        | <input type="checkbox"/> Swine      |
| <input type="checkbox"/> Goat        | <input type="checkbox"/> Sheep      |
| <input type="checkbox"/> Feeder Calf | <input type="checkbox"/> Dairy      |
|                                      | <input type="checkbox"/> Dairy Beef |

**You need to be keeping Monthly records. Use separate pages to record your monthly data and use this form to summarize your information.**

Name \_\_\_\_\_ Grade \_\_\_\_\_

Club \_\_\_\_\_ Years in 4-H \_\_\_\_\_ Years in this project \_\_\_\_\_  
(of participation) (including this year) (including this year)

**Table 1. Inventory of 4-H Project Animals**

| ID/Registration # | Animal's Name | Breed | Sex | Date of Birth | Value |
|-------------------|---------------|-------|-----|---------------|-------|
|                   |               |       |     |               |       |
|                   |               |       |     |               |       |
|                   |               |       |     |               |       |
|                   |               |       |     |               |       |

(add more pages, if necessary)

**Table 2. List the items you feed to your animals (include type of feed, quantity, costs).**

| Type of Feed       | Total Amount Fed | Total Cost or Estimated Value of Feed |
|--------------------|------------------|---------------------------------------|
|                    | #                | \$                                    |
|                    | #                | \$                                    |
|                    | #                | \$                                    |
|                    | #                | \$                                    |
| <b>Grand Total</b> | #                | \$                                    |

Did you give a demonstration? Yes \_\_\_\_\_ No \_\_\_\_\_  
If yes, list the date given, title of demonstration and number of people present.

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List any tours, workshops, clinics, etc. you participated in relating to this project.

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| <b>Financial Summary</b>                                                                   |             |
|--------------------------------------------------------------------------------------------|-------------|
| <b>Item</b>                                                                                | <b>Cost</b> |
| <b>Income</b>                                                                              |             |
| Sale of animals (estimate income, if not yet sold) OR estimate value for breeding animals. |             |
| Any other income from project (i.e. Open Shows)                                            |             |
|                                                                                            |             |
| <b>Total Income</b>                                                                        | <b>\$</b>   |
| <b>Expenses</b>                                                                            |             |
| Cost of animals                                                                            |             |
| Feed costs (growing rations, finishing rations, etc.)                                      |             |
| Veterinary/medical fees/health paper fees                                                  |             |
| Housing or Rent                                                                            |             |
| Manure Handling                                                                            |             |
| Bedding                                                                                    |             |
| Fencing                                                                                    |             |
| Transportation                                                                             |             |
| Equipment (feed, show, groom)                                                              |             |
| Other (List)                                                                               |             |
| <b>Total Expenses</b>                                                                      | <b>\$</b>   |
|                                                                                            |             |
| <b>Income – Expenses: Actual or Projected Profit (loss)</b>                                | <b>\$</b>   |

| <b>For Market Animals Only</b>                            |          |          |          |          |          |
|-----------------------------------------------------------|----------|----------|----------|----------|----------|
| Feed Record:                                              | No.<br>1 | No.<br>2 | No.<br>3 | No.<br>4 | No.<br>5 |
| 1. Estimate weight of animal in early Sept.               |          |          |          |          |          |
| 2. Initial weight of animal (estimate or weigh-in weight) |          |          |          |          |          |
| 3. Total weight gain (line 2 minus line 1)                |          |          |          |          |          |
| 4. Number of days fed                                     |          |          |          |          |          |
| 5. Average daily gain (line 3 divided by line 4)          |          |          |          |          |          |
| 6. Total pounds feed fed                                  |          |          |          |          |          |
| 7. Pounds feed per pound gain                             |          |          |          |          |          |