

Animal Recordkeeping for Disease Prevention

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Goal (learning objective)

Youth will:

- Learn why keeping records is necessary for disease prevention
- Learn about the various ways and methods of keeping records
- Practice using different recordkeeping types

Supplies

- Handout 1 “Scenarios” (make 2 copies)
- Handouts 2-6 (combine into a packet, make enough copies for smaller groups)
 - Handout 2 “Sample Animal Health Record #1”
 - Handout 3 “Sample Animal Health Record #2”
 - Handout 4 “Sample Animal Health Record #3”
 - Handout 5 “Sample Animal Health Record #4”
 - Handout 6 “Smartphone Applications for Recordkeeping”
- Paper and Pencils (enough for everyone)
- Medication and feed label samples (enough for smaller groups have 1 of each)

Pre-lesson preparation

- Make 2 copies of Handout 1 - save 1 copy for your reference, cut up the other copy so that each smaller group has at least 1 scenario.
- Make photocopies of the packet of Handouts 2-6 - make enough so each smaller group has a set.
- Read and review the handouts.
- Practice the lesson.

Lesson directions and outline

Share the following information with the youth:

Records can assist you in assuring that you are producing a product that is safe for consumers to eat. It is critical to maintain detailed, accurate records of information about your animal such as:

- Medications (type, frequency, withdrawal)
- Diseases
- Injury
- Vaccinations
- Feed
- Financial

Records tell you about the financial success or failure of your project. They tell you how well your animal performed, how successful you were with the project, and what changes you need to make in management to improve performance.

Have the youth share any information they have on Smartphone Apps that can be used to keep records or track activities. Have a discussion on ways that Smartphone Apps could be used to track animal records.

Conducting the activity (DO)

1. Have members count off into smaller groups.
2. Provide each group with:
 - a. Handout 1
 - b. The packet of Handouts 2-6
 - c. Feed label samples
 - d. Medication label samples
 - e. Paper and Pencils - enough for every member
3. Provide 10-15 minutes for the groups to review the scenarios and labels. Groups need to discuss and decide what information needs to be recorded and which record sheet or application they would use. Have members record the appropriate information on the chosen record.
4. Have groups share their scenario, a brief summary of their discussion and what record they decided to use.

What did we learn? (REFLECT)

- Ask: What did you learn about recordkeeping?
- Ask: Why is it important to keep detailed record?
- Ask: Is recordkeeping something that can be done quickly?
- Ask: What are some ways to help track or save records?

Why is that important? (APPLY)

- Ask: What are some other examples of detailed records?
- Ask: How does recordkeeping impact Quality Assurance?

Resources

Boleman, C., Chilek, K., Coufal, D., Kiet, L., & Sterle, J. (2010). Medication Labels and Feed Tags. *Quality Counts: Quality Assurance Character Education*. (pages 3-51 through 3-57). The Texas A&M University System. Retrieved from: http://agrifecdn.tamu.edu/qualitycounts/files/2010/11/E4H-010_editproof3.pdf

Ohio State University Extension. (2011). Caring for Animals. *Beef resource handbook* (pages 12-1 through 12-6 and 11-12 through 11-13).

Ohio State University Extension. (2008). Caring for Animals. *Goat resource handbook* (pages 159-169, 155).

Ohio State University Extension. (2011). Caring for Animals. *Sheep resource handbook for market and breeding projects* (pages 135-139).

Ohio State University Extension. (2000). Caring for Animals. *Swine resource handbook for market and breeding projects* (pages 24-1 through 24-5).

HEALTH AND DISEASES: ANIMAL RECORDKEEPING FOR DISEASE PREVENTION – HANDOUT 1

Scenario 1

Tiffany has just purchased 25 bred Suffolk ewes to start her flock. She plans to raise crossbred lambs for local 4-H members. Which animal health records should she expect to receive from the farm where she purchased these animals? Which record keeping forms below would you recommend for her? Why?

Scenario 2

George owns a large ranch (5,000 acres) with a herd of 500 commercial cows. He has not kept very good records in the past, but is now looking to update his records to make better management decisions. He has a brother, 2 sons and 2 ranch hands that help with the farming and cattle. The ranch is in an isolated area of Idaho with little to no cell phone or Internet service available while away from the ranch house. Which record keeping form or app would you recommend for George. Why?

Scenario 3

Keeley has just purchased a property that has empty swine barns on it. She has secured an FHA Farm Loan to start a swine breeding operation and plans to stock it with 200 head of gilts to begin her business. She also plans to hire a herd manager, and three ranch hands What record keeping form or app would you recommend for Keeley? Why?

Scenario 4

Colleen has purchase two dairy goats that she plans to milk for her own family's use. One goat is already milking and the other is due to kid in 30 days. What record keeping form or app would you recommend for Colleen? Why?

Scenario 5

Carl is the manager for a grass fed steer program. The calves arrive to his facility just after weaning and will stay for 90 – 120 days before being shipped to a finishing feedlot. What record keeping form or app would you recommend for him? Why?

Scenario 6

John and his brother Jason are raising 5 whether goats that will be sold by the whole, half or quarter to private individuals for custom processing. What record keeping form or app would you recommend to them? Why?

Scenario 7

Carla is raising 4 market hogs that she got as weaner pigs. These animals will be raised and butchered by her for family and friends. What record keeping form or app would you recommend to her? Why?

SMARTPHONE APPLICATIONS FOR RECORDKEEPING

Android

Angus Mobile App from American Angus Association

Cattle Manager from CDI – Apps for Good

Cattle Tracker from JJ Stitt

Apple

4-H Livestock Record by Learning Games Lab, NM State University

iCattleMgrpro by RGResources

iLivestockMgr by RGResources

Ranch Records from University of Wyoming

Angus Mobile App from American Angus Association

Cattle Tracker from JJ Stitt

Show Pig from Zoetis, Inc

SMARTSoft iFarm by CPF IT Center (Swine)