



Ducks Worksheet

Objective(s):

Students will learn the basics of biosecurity in a livestock operation and understand the importance to that operation.

Indiana Academic Standards:

Animal Science

AS-9.6 Analyze procedures at the local, state and national levels to ensure biosecurity of the animal industry.

National Agricultural Literacy Outcomes

Plants and Animals for Food, Fiber & Energy outcomes

T2.9-12c.: Discuss reasons for government's involvement in agricultural production, processing and distribution.

Materials:

Student worksheet

Writing utensil



Name: _____



Biosecurity is the procedure used to protect humans and animals against any diseases or harmful bacteria. Each day at a duck farm, several things must be done before entering the facility. Put a checkmark beside the options that you think a worker at Maple Leaf Farms has to do every day before, during and after work.

When an employee travels from barn to barn, they travel from dirtiest to cleanest.

Foot baths when entering and exiting the building and operation.

Each person entering a barn is expected to either change clothes before and after or wear a biosecurity suit.

On a duck farm, rodents are not a considered issue for biosecurity.

Use hand sanitizer when entering and exiting the building.

When a vehicle arrives on the farm, nothing is done to it for cleaning.



Teacher Answer Key

Correct Answers (should be checked):

- Use hand sanitizer when entering and exiting the building
- Foot baths when entering and exiting the building and operation
- Each person entering a barn is expected to either change clothes before and after or wear a biosecurity suit.
- No visitor that has been to another swine or poultry facility within the last 72 hours is allowed to visit.

Wrong Answers (should be checked):

- When an employee travels from barn to barn, they travel from dirtiest to cleanest.
False, an employee should travel from cleanest to dirtiest when moving facilities.
- When a vehicle arrives on the farm, nothing is done to it for cleaning.
False, when a vehicle arrives at the farm the tires are disinfected with a disinfecting spray.
- On a duck farm, rodents are not a considered issue for biosecurity.
False, rodents and birds are a large issue where biosecurity is concerned. Maple Leaf Farms has made their farms protected against any outside animal.

Classroom Discussion:

Why is it important to maintain bio-security features on the farm?

Supplemental Information

- Indiana is the largest producer of ducks in the country.
- Northeast Indiana is where most of the ducks come from. Maple Leaf Farms, which is the largest duck farm in Indiana, is located in northern Kosciusko county, Leesburg.
- There are several products that we can get from ducks, such as, their lean meat, and feathers for stuffing quilts and pillows.
- Explain to students that a duck is a poultry animal, which is a term used to describe a bird that is domestic and raised for their products, including meat, eggs and feathers.
- Indiana has 73% of the US duck production, producing over 20 million ducks annually.
- **Careers:** Poultry barn worker, breed manager, veterinarian and meat scientist