Biosecurity is security from exposure to harmful biological agents, and the measures taken to ensure this security. – Merriam-Webster. The goal of this project is to teach participants how to keep themselves and their animals safe in a variety of situations.

- Identify areas of risk around homes and at fairs
- Learn how biosecurity is practiced in the agricultural industry
- Why biosecurity is important for humans and animals

The activities above are ideas to inspire further project development. This is not a complete list.

**4-H Thrive!**

**Help Youth:**

**Light Their Spark**

A spark is something youth are passionate about; it really fires them up and gives them joy and energy. Help youth find how this project excites them.

**Flex Their Brain**

The brain grows stronger when we try new things and master new skills. Encourage youth effort and persistence to help them reach higher levels of success.

**Reach Their Goals**

Help youth use the GPS system to achieve their goals.

**Goal Selection:** Choose one meaningful, realistic and demanding goal.

**Pursue Strategies:** Create a step-by-step plan to make daily choices that support your goal.

**Shift Gears:** Change strategies if you’re having difficulties reaching your goal. Seek help from others. What are youth going to do when things get in their way?

**Reflect**

Ask project members how they can use their passion for this project to be more confident, competent and caring. Discuss ways they can use their skills to make a contribution in the community, improve their character or establish connections.
Expand Your Experiences!

Science, Technology, Engineering, and Mathematics

- Research modern developments in biosecurity.
- Explore how the health care system handles biosecurity.
- Visit a veterinarian and ask them about their biosecurity protocols.

Healthy Living

- Discuss the importance of hygiene when handling animals.
- Teach your club how they can prevent spreading diseases.

Citizenship

- Spread the importance of biosecurity and hygiene to your community.
- Keep yourself, your animals, and others safe when going to shows by practicing good biosecurity.

Leadership

- Become a role model by taking on the position of junior/teen leader in your project.
- Teach younger members why biosecurity is important.

Resources

- Environmental Protection Agency
  http://www.epa.gov/agriculture/tbis.html

- Food and Agriculture Organization
  http://www.fao.org/biosecurity/

- U.S. Department of Agriculture
  http://usdasearch.usda.gov/search?utf8=%E2%9C%93&affiliate=usda&query=biosecurity&x=0&y=0&commit=Search

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Connections & Events | Curriculum | 4-H Record Book
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**Presentation Days** – Share what you’ve learned with others through a presentation.
**Field Days** – At these events, 4-H members may participate in a variety of contests related to their project area.
**Field Visits**: Go to producers, or local universities with animal facilities and see biosecurity procedures first hand.

- Pre-Harvest Food Safety in 4-H Animal Science
  [http://4h.ucanr.edu/Resources/Curriculum/FREE/Pre-Harvest_Food_Safety_in_4-H_Animal_Science/](http://4h.ucanr.edu/Resources/Curriculum/FREE/Pre-Harvest_Food_Safety_in_4-H_Animal_Science/)
- Bio-Security in 4-H Animal Science
  [http://4h.ucanr.edu/Resources/Curriculum/FREE/Bio-Security_in_4-H_Animal_Science/](http://4h.ucanr.edu/Resources/Curriculum/FREE/Bio-Security_in_4-H_Animal_Science/)

4-H Record Books give members an opportunity to record events and reflect on their experiences. For each project, members document their experiences, learning and development.

4-H Record Books also teach members record management skills and encourage them to set goals and develop a plan to meet those goals.

To access the 4-H Record Book online, visit
[http://ucanr.edu/orb/](http://ucanr.edu/orb/)

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