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.
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  
  [www.epa.gov/agriculture](http://www.epa.gov/agriculture)
- Food and Agriculture Organization  
- U.S. Department of Agriculture  
  [http://usdasearch.usda.gov/search?utf8=%E2%9C%93&affiliate=usda&query=biosecurity&x=0&y=0&commit=Search](http://usdasearch.usda.gov/search?utf8=%E2%9C%93&affiliate=usda&query=biosecurity&x=0&y=0&commit=Search)

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### University of California Agriculture and Natural Resources

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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.

**Curriculum**
- Pre-Harvest Food Safety in 4-H Animal Science
- Bio-Security in 4-H Animal Science

**4-H Record Book**
- 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.