

ASA Presentation Notes

Unit Name: [Unit 3 Animal Handling and Safety](#)

Lesson Topic: [Lesson 3.3 Home Sweet Home](#)

Presentation on: [Biosecurity](#)

Notes from Presentation:

What is Biosecurity?

- The practices that protect herd health by preventing the spread of pathogens.
 - Reducing the potential for diseases to reach the farm.
 - Controlling the spread of diseases on the farm.

Risk Management.

- Balancing the likelihood of an uncertain event happening with the cost of protection.
- Preventative maintenance.
- Watch this video for the importance of managing risk with poultry:
<http://www.aphis.usda.gov/newsroom/videos/birdsenglish.wmv> .

Control Points.

- Area where risk can be influenced.
- Reduce the risk that something bad will happen.
- Monitor the control points.

Risk Factors.

- Strategies to overcome:
 - Quarantine for 2-4 weeks.
 - Wear different clothing and shoes.
 - Visitors to the Farm.
 - Carry pathogens from farm to farm.
- Strategies to manage.
 - Provide clean coveralls and disposable boots.
 - Minimize contact with animals.
- Equipment and Trucks.
 - Tires moving manure from group to group.
 - Using the same loader for manure and feed.
- Strategies to Reduce Harm.
 - Limit traffic on and through farm.
 - Clean and sanitize equipment regularly.
- Wildlife.
 - Less common carrier due to species specific diseases.
- Strategies to Prevent Problems.
 - Keep feed areas clean and materials put away.
 - Property perimeter maintained.
 - Fences.

Limiting Exposure.

- Isolation.
 - Keep new and returning animals separate.
 - Limit contact with outside people.
- Resistance.
 - Vaccination and parasite control programs.
- Sanitation.
 - Clean and disinfect facilities regularly.
 - Provide clean clothing and boots.

Disinfectants.

- Should be used as part of a biosecurity plan; not the only measure.
- Boots and shoes must be clean and manure free before disinfecting.
- Must be used properly to achieve disinfecting properties.

ASA Reflection Page

List 5 key points that are important to remember from this presentation.

- 1.
- 2.
- 3.
- 4.
- 5.

List 3 ideas or concepts that this new information has in common with previous things learned.

- 1.
- 2.
- 3.

List questions or ideas that remain unclear about the information presented that should be asked for clarity at the appropriate time.