

Name: _____

CASE

ASA Presentation Notes

Unit: 3_____

Lesson Name: 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

Control Points

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

Risk Factors

- New animals on the farm
 - Comingling new animals
 - Returning animals from fairs
- Strategies to overcome
 - Quarantine for 2-4 weeks
 - Wear different clothing and shoes
 - Use parasite controls and vaccinate
- 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 food areas clean and materials put away
 - Property perimeter maintained
 - Fences

Limiting Exposure

- Isolation

- o Keep new and returning animals separate, limit contact with outside people
- Resistance
 - o Vaccination and parasite control programs
- Sanitation
 - o Clean and disinfect facilities regularly, provide clean clothing and boots

Disinfectants

- Should be used as part of a biosecurity plan; not 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. Disinfectants
2. Limiting Exposure
3. Control Points
4. Risk Management
5. Risk Factor- Visitors to the Farm

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

1. Risk Factor- New Animals on the Farm
2. Risk Factor- Equipment and Trucks
3. Risk Factor- Wildlife

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

N/A

