

Risk-Based Systems Analysis of Foodborne Pathogens on the Farm

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Sponsor: USDA

- **Objective:** Evaluate farm environments and animals for foodborne pathogens (*Listeria*, *Salmonella*, *Campylobacter*, *E. coli* 0157)
- **Conclusion:** Determine variation, seasonal effects, animal and environmental factors influence on pathogens
- Develop and/or enhance rapid pathogen isolation and detection techniques and methods
- Develop farm risk assessment methods to assess pathogen transmission and survival

