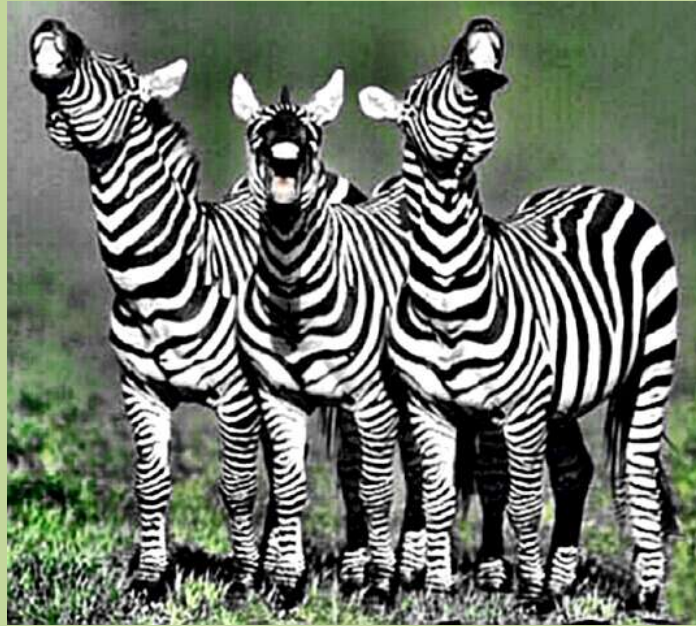


Biosecurity Toolkit for Equine Events



NIAA Equine Committee Meeting
March 27, 2012

Dr. Katie Flynn
California Department of Food And Agriculture
Equine Medication Monitoring Program

History



- May 2011 EHV-1 Outbreak Associated with the Ogden UT Western National Cutting Horse Event
- Event Managers looking for guidance and advise related to hosting events
 - Equine Medication Monitoring Program (EMMP) documented 92 registered events cancelling between May 13 and June 30.
- EMMP Advisory Committee voiced an industry need for education on biosecurity and disease control at equine events

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Review of Available Materials

- Australia and New Zealand – event manager biosecurity measures focus on Hendra and Influenza outbreaks
- UC Davis Biosecurity at Racetracks Document
- NAHMS 2005 study



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California Event Assessment

- Visited 10 event facilities across the state
- Evaluated
 - Stabling
 - Animal Movement
 - Current Biosecurity Practices



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Stabling



Stabling



Monitoring Movement and Isolation Areas



Commingling of Horses



Communal Water



Feed Storage and Security



Feed Storage



Shared Equipment



Water Hoses



Dogs at Equine Events



Communal Rag



Biosecurity Toolkit



- Part 1: Basic Biosecurity for Equine Events



- Part 2: Enhanced Biosecurity and Infectious Disease Control for Equine Events



- Part 3: Appendix

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Part 1: Basic Biosecurity



- Potential for “Perfect Storm” at Equine Events



- Biosecurity Challenges at Equine Events



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Basic Biosecurity Assessment

- Facility Layout
- Animal Entry Requirements
- Horse Stabling
- Stall Sanitation
- Manure, Soiled Bedding and Hay Disposal
- Water Source and Disposal
- Feed and Hay Storage
- Horse-to-Horse Contact
- Horse to Other Species Contact
- Traffic Control
- Record Keeping



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Recommendations for Basic Biosecurity Plan

- Health Entry Requirements
 - Only healthy horses, no fever policy, health certificate requirement, horse health declaration policy
- Report Suspicion of Sick Horses
- Isolation of Sick Horses
- Temperature Monitoring of Horses
- Monitoring of Horse Health
- Equipment Handling
- Limit Horse-to-Horse Contact
- Limit Indirect Horse Contact
- Restrict Dog Movement
- Limit Human-to-Horse Contact
- Visitor Access Policy
- Vector Control Program
- Wildlife Control Program
- Control and Track Horse Movement
- Post Adequate Signage
- Medical Device Use and Disposal
- Cleaning and Disinfection Protocols
- Communicate Biosecurity Plan

Part 2: Enhanced Biosecurity and Infectious Disease Control

- Infectious Diseases
- Enhanced Biosecurity in the Face of an Outbreak
- Infectious Disease Control Plan Recommendations.



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Recommended Enhanced Biosecurity Measures in the Face of the Outbreak



- Stop Movement Orders
- Control and Track Movement
- Monitoring of Horse Health
- Temperature Monitoring of Horses
- Equipment Handling
- Restrict Direct and Indirect Horse Contact
- Control Dog Entry to Premises
- Restrict Human -to-Horse Contact
- Restrict Visitor Access
- Post Adequate Biosecurity Signage
- Strict Cleaning and Disinfection Protocols

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Recommendations for Infectious Disease Control Plan

- Sick Horse Trigger Points
- Potential Isolation Area
- Inventory of Protective Clothing
- Sick Horse Reporting
- Immediate Identification and Isolation of Sick Horses
- Monitoring the Sick Horse
- Entry and Exit Protocols for Isolation Area
- Notification of Animal Health Officials
- Handling Rabies Suspect
- Euthanasia of a Horse
- Exposure Assessment of All Event Horses
- Release of Horses from Event
- Advice to People Leaving the Venue
- Monitoring Exposed Horses Onsite
- Feed and Bedding Delivery
- Cleaning and Disinfection
- Delegation of Responsibility
- Disciplinary Policies
- Communication Plan



Part 3: Appendix

- Equine Facility Biosecurity Risk Assessment- Text Version
- Equine Event Biosecurity Risk Assessment- Pictorial Version
- Equine Event Biosecurity Policy Risk Assessment
- Cleaning and Disinfection of a Vacated Stall
- Record of Attendance at Equine Event
- Equine Event Participation Declaration
- Stall Temperature Monitoring Log
- Stop Don't Share Equipment Sign
- Top Tips to Keeping Your Horse Healthy at Shows Poster and Biosecurity at Equine Events Handout
- CDC Wash Hands When Leaving Animal Exhibit Poster
- CDC Be Safe Around Animals Poster
- Routes of Disease Transmission and Control Measures for Equine Events
- Wildlife, Bird, Rodent Control Measures
- Equine Event Cleaning and Disinfection Recommendations
- Characteristics of Selected Disinfectants



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Part 3: Appendix Cont.

- Sample Letter Mailed to Anticipated Exhibitor
- Stop Movement Sign
- Exhibitor Handout- Biosecurity Measures for Exposed Horse
- UC Davis Center for Equine Health- “How to Set Up a Disease Isolation Unit at a Farm or Show”
- Equine Event Isolation Protocol Guidance
- California Reportable Disease List
- State Animal Health Official Contact List
- Contact List of Local County Public Health Officer
- Exposed Horse Release Assessment
- Cleaning and Disinfecting a Horse Trailer
- Checklist of Responsibilities for Infectious Disease Control Plan
- Communications Contact List Template
- References



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- Dr. Kent Fowler
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Questions?

Biosecurity Toolkit Webpage:

[http://www.cdfa.ca.gov/AHFSS/Animal Health/Equine Biosecurity.html](http://www.cdfa.ca.gov/AHFSS/Animal_Health/Equine_Biosecurity.html)



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