STATE ANIMAL HEALTH OFFICIALS ARE REQUESTED TO PARTICIPATE IN AN EDCC BIOSECURITY SURVEY

With the support of a USDA National Animal Disease Preparedness and Response Program (NADPRP) cooperative agreement and the AAEP Infectious Disease Committee, the Equine Disease Communication Center (EDCC) is conducting a study to determine the awareness and knowledge of biosecurity in the horse industry. We need your help to determine knowledge and use of biosecurity by you in the role as a SAHO.

The survey will take approximately 12 minutes. The responses will be summarized, shared with state and federal regulatory officials and used to create educational information. We hope to learn the best way to assist animal health officials in biosecurity messaging in their equine disease control and prevention efforts.

All the information from this survey will be confidential. Please help by participating in the survey.

Definitions:

**Horse:** Defined as any equid (horses, ponies, donkeys, mules).

**Non-Resident horse:** A horse on the property for less than 30 days.

**Infectious disease:** Infectious diseases are disorders caused by organisms such as bacteria, viruses, fungi or parasites. Infectious diseases can be passed from horse to horse, transmitted by insects or caused by consuming contaminated food or water or being exposed to organisms in the environment.

**Biosecurity:** A set of management and physical measures designed to reduce the risk of introduction, establishment and spread of animal diseases, infections or infestations to, from and within an animal population.

**Isolation or Isolate:** Horses separated from other horses with no opportunity for direct contact.

**Disease outbreak:** A disease outbreak is the occurrence of disease cases in excess of what is normally expected.
SAHO Survey for the EDCC and NADPRP Study

1. Which state do you work for?
   --- Select ---

2. How many years have you been a SAHO?

3. How many years did you spend in equine or large animal private veterinary practice or another area in the equine industry?

4. Do you feel your state has adequate personnel to manage equine infectious disease outbreaks?
   - Yes
   - No

5. What type of equine training is provided to SAHO's in your state? (select all that apply)
   - None
   - State specific Standard Operating Procedures for equine disease response
   - General lecture by state staff during annual training
   - Required review of online biosecurity materials on the Equine Disease Communication Center (EDCC)
   - Required review of online biosecurity materials by the AAEP
   - Onsite risk assessment training
6. Does your office have an equine stakeholder/advisory group which meets regularly to discuss equine regulatory disease issues?
- Yes
- No

7. Who have you contacted for biosecurity or equine infectious disease guidance? (select all that apply)
- Another SAHO
- USDA Equine Staff
- Diagnostic Laboratory Staff
- American Horse Council Representative
- American Association of Equine Practitioners Representative
- Subject Matter Expert from Academia
- Subject Matter Expert from an Equine Clinic
- Gluck Equine Research Center
- Pharmaceutical Company Infectious Disease Expert
- None of the above
- Other (Please specify)

8. Do veterinary practitioners in your state routinely notify your office about reportable disease cases/outbreaks in a timely manner?
- Yes
- Most of the time
- Less than they should
- Comment (Please specify)

9. As the SAHO, do you routinely report equine infectious diseases to the EDCC?
- Yes
- No

10. If the answer to question 9 is NO, why not? (Select all that apply)
- Don't see the value
It takes too much time
Concerns about confidentiality (e.g. premises identification)
Concerns about business continuity/agriculture economic impact
Concerns about legal implications
I do not always have complete case information as requested by EDCC
Other (Please specify)

11. Would you or your staff be willing and permitted to attend presentations on equine biosecurity and outbreak management? (Select all that apply)

- Yes if it was offered virtually
- Yes, if presented in person at the United States Animal Health Association
- Yes, if it was in person in my state
- Yes, if there were online modules to attend anytime
- Yes, only if the training was free
- No, we don't have time
- No, we don't have personnel for equine activities (response, outreach, education)
- No, we don't have funding for equine related training

12. How many premises quarantines for equine reportable diseases have been issued by your office in the last 3 years?

- 0-5
- 6-15
- 16-25
- >25

13. What are the most requested resources by veterinary practitioners in your state from your office during an equine infectious disease outbreak? (Select up to 5 choices)

- Communications with their clients
- Enforcement of isolation/quarantine
- Advice about biosecurity
- Reportable disease regulations
- Assistance with diagnostic testing and sample submission
- Financial support for testing and/or treatment
- Criteria for exposed horses
- Criteria for testing exposed horses
- Disinfectant for the specific disease (actual product or information on what to use)
- Communication with the event management
- Communication with referral hospital
- Communication with the private practitioners in the area
14. Which of the following equine facilities require the most resources (such as personnel, financial, communications, etc.) for the management of an equine regulatory disease outbreak by your office? (Select the top 3)

- Horse shows
- Racetracks
- Boarding stables
- Breeding farms
- Single owner farms or stables
- Individual horse owners
- Rescue farms or stables
- Other (Please specify)

15. What are the most effective tools for sharing accurate and timely information regarding active outbreaks, general disease information, biosecurity information? (Select all that apply)

- Equine Disease Communication Center (EDCC)
- News media
- State website
- Equine associations or council (local, state or national)
- Equine news media
- Other (Please specify)

16. How would you rate the following challenges in implementing and overseeing a mandatory equine quarantine for each of the following? (scale of 1-5; 1-least challenging to 5-most challenging)

<table>
<thead>
<tr>
<th>Challenge</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
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</thead>
<tbody>
<tr>
<td>Facility personnel</td>
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<tr>
<td>Owner compliance</td>
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<tr>
<td>Facility compliance</td>
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<tr>
<td>Private veterinarian support</td>
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</tbody>
</table>
Rumors in the equine community
1  2  3  4  5

Lack of understanding by equine stakeholders about disease risk
1  2  3  4  5

Other (please specify)

* 17. Rank the most effective methods of maintaining compliance during a mandatory equine quarantine? (1-least effective to 5-most effective)

<table>
<thead>
<tr>
<th>Method</th>
<th>least effective</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>most effective</th>
</tr>
</thead>
<tbody>
<tr>
<td>Communication</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<tr>
<td>Education programs</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<tr>
<td>Educational information in the media</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
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<tr>
<td>Signage at the quarantined site</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
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<td></td>
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<tr>
<td>Penalty for non-compliance</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>5</td>
<td></td>
</tr>
<tr>
<td>On-site SAHO staff</td>
<td>1</td>
<td>2</td>
<td>3</td>
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<td>5</td>
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</table>

Other (please specify)

0 / 5000

18. In your opinion, what is the greatest biosecurity need(s) for controlling equine infectious disease in your state?


0 / 5000

* 19. How would you score equine practitioners in your state regarding their knowledge of basic biosecurity procedures within their practice? Score 1-5 with 5 being the highest score

<table>
<thead>
<tr>
<th>Knowledge of Basic Biosecurity Procedures</th>
<th>low</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>high</th>
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</tbody>
</table>
20. How would you score equine practitioners in your state regarding implementation of basic biosecurity procedures within their practice in your state?

<table>
<thead>
<tr>
<th>Implementation of Basic Biosecurity Procedures</th>
<th>low</th>
<th>2</th>
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21. Do you or your office aid equine industry stakeholders (e.g. horse owners, barn managers, trainers, equine practitioners, equine event facilities, equine event organizers) with the development of biosecurity protocols?

- Yes
- No

22. If you answered YES to question 21, how do stakeholders prefer to receive the information? (Select all that apply)

- Personal communication (e.g. phone calls, email)
- General information pamphlet
- Information posted on website
- Education seminars
- Education videos
- Site visit
- Other (Please specify)

23. Have you or your staff utilized any of the following from the Equine Disease Communication Center (EDCC)? (Select all that apply)

- Disease alerts
- Disease reporting form
- Disease factsheets
- State reportable disease list
- Initial response guidance
- USEF biosecurity videos
- Biosecurity toolkit for equine events
- Isolation and quarantine guidance
- National Equine Health Plan
- Vaccination information
- Other (Please specify)

24. What types of specific resources does your office need related to biosecurity and equine infectious diseases? (Select all that apply)?
Infographics
Disease response templates
Signage/onsite protocols
Communication templates
Talking points for group meetings
Social media templates
Subject matter expert investigatory and response support
Magazine articles
Monthly biosecurity tip emails
A video showing a biosecurity assessment being performed at an equine event
Subject matter expert presentations
Timely podcasts when disease outbreaks occur to bring the equine industry reliable information and control methods for an outbreak
None of the above
Other (Please specify)

Submit