

## Epidemiological Investigation Questionnaire<sup>1</sup>

The following is an example of a questionnaire that could be used in the event of an outbreak of Foot-and-Mouth Disease (FMD). Due to the epidemiological situation or the types of premises involved in an actual outbreak, it may be appropriate to add other questions regarding other risk factors that may play a role in disease transmission.

The purpose of this epidemiological questionnaire is to help the Incident Command determine premises types:

- Contact Premises
- At-Risk Premises
- Monitored Premises.

Additional information will be considered (for example, diagnostic tests) for movement permits.

Date: \_\_\_\_\_

Business/farm name: \_\_\_\_\_

Primary contact

Business address: \_\_\_\_\_

Business telephone number: \_\_\_\_\_

Cell telephone number \_\_\_\_\_

Fax number \_\_\_\_\_

Home telephone number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Secondary contact

Business address:

Business telephone number:

Cell telephone number: \_\_\_\_\_

Fax number: \_\_\_\_\_

Home telephone number: \_\_\_\_\_

E-mail address: \_\_\_\_\_

Farm address (911 and Animal Location): \_\_\_\_\_

City: \_\_\_\_\_

State: \_\_\_\_\_

County: \_\_\_\_\_

Zip code: \_\_\_\_\_

GPS coordinates (decimal degrees):

Premises identification number:

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<sup>1</sup> From USDA/APHIS/VS, National Center for Animal Health Emergency Management (NAHEMS), [Foot-and-Mouth Disease Response Plan: The Red Book](#) (FAD PReP, September, 2011), Appendix H.

**A. General Information**

- 1. Species on premises: \_\_\_\_\_
- 2. Type of premises (commercial or non-commercial): \_\_\_\_\_
- 3. Have you observed feral or wild animals on or near the premises?  
 Yes       No       Don't Know
- 4. Are there backyard premises with susceptible livestock nearby?  
 Yes       No       Don't Know
- 5. Do you have multiple, non-contiguous premises you travel and work between (yes/no)?  
 Yes       No
- 6. Are there contiguous premises with susceptible livestock (not owned by you)?  
 Yes       No

**B. Animal Population on Premises**

7. Please identify the animals on the premises.

Species	Males > 1 year	Females > 1 year	< 1 year
a. Swine			
b. Sheep/Goats			
c. Cattle			
d. Other Suceptible Species			

e. Non-susceptible species (type and number): \_\_\_\_\_  
\_\_\_\_\_

**C. Employee Risk Factors**

- 8. Do any of your personnel work at other premises with susceptible animals or have they visited other premises, feedlots, dairy, processing plants, or livestock slaughtering facilities within the past 28 days?  
 Yes       No  
If Yes, what premises? \_\_\_\_\_
- 9. Do any of your workers live with someone who works at another livestock premises, feedlot, dairy, processing plant, slaughter facility or rendering plant? • Yes • No  
 Yes       No

10. Have you hired new personnel during the past 28 days?

- Yes       No

If Yes, did they work for another livestock premises before you hired them?

- Yes       No

If Yes, where did they work prior to coming to your premises? \_\_\_\_\_

11. Has an employee from this premises visited a slaughter/rendering facility within the past 28 days

#### D. Biosecurity Risk Factors

13. Have wild ruminants been seen on the property in the last 28 days?

- Yes       No

14. Have rodents, dogs, or cats been observed in livestock housing in the past 28 days?

- Yes       No

15. Which of the following **best** describes this farm's usual carcass (normal mortality) disposal method?

- Rendering  
 Composting on site  
 Burial on site  
 Incineration on site  
 Other (specify: \_\_\_\_\_)

16. Do you dispose of livestock for other farms?

- Yes       No

17. Have you maintained all requirements since your last regular biosecurity audit?

- Yes       No

If no, what requirements have not been met?

18. What additional biosecurity measures have been implemented?

(For example, once the premises has been determined to be within a Control Area, all vehicles, including feed trucks, must now be cleaned and disinfected prior to entry to and exit from the premises.)

**E. Trace Back Information**

In the last 28 days, did the following movements onto the farm occur?

- Yes       No

If yes, please provide as much accurate information as possible for each unique source. (You can add more rows by 'right clicking' in the box and selecting "Insert → Insert Rows Below.")

**19. Susceptible Animals**

- Yes       No       Don't Know

If Yes

a. What species? \_\_\_\_\_

b. How many animals? \_\_\_\_\_

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Animals tested for FMD prior to movement (Yes/No)	Entered in visitor log (Yes/No)

**20. Milk Products or By-Products**

Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Milk or Product tested for FMD prior to movement (Yes/No)	Entered in visitor log (Yes/No)

**21. Feed Trucks**

Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**22. Fresh litter/Bedding**

Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**23. Maure**

Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**24. Hoof Trimmers**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**25. Mortality Pick Up/Renderer**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

a. Did the driver leave the vehicle while on this premises?

- Yes      No      Don't Know

b. If Yes,

What area of the premises did he enter? \_\_\_\_\_

Was driver required to wear outer clothes and foot wear provided by this premises? •

- Yes       No       Don't Know

**26. Company vet/service tech**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**27. Non-company vet/consultant**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**28. Construction or service person (e.g., gas, plumbing, pest control)**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**29. Customer/buyer/dealer**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**30. Other producer**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**31. Non-business visitor (friend/neighbor)**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**F. Trace Forward Information**

In the last 28 days, did the following movements off the farm occur?

- Yes       No

If yes, please provide as much accurate information as possible for each unique source. (You can add more rows by 'right clicking' in the box and selecting "Insert → Insert Rows Below.")

**32. Susceptible Animals**

- Yes       No       Don't Know

If Yes

c. What species? \_\_\_\_\_

b. How many animals? \_\_\_\_\_

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Animals tested for FMD prior to movement (Yes/No)	Entered in visitor log (Yes/No)

**33. Milk Products or By-Products**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Milk or Product tested for FMD prior to movement (Yes/No)	Entered in visitor log (Yes/No)

**34. Feed Trucks**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**35. Fresh litter/Bedding**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**36. Maure**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**37. Hoof Trimmers**

- Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**38. Mortality Pick Up/Renderer**

Yes       No       Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

a. Did the driver leave the vehicle while on this premises?

Yes      No      Don't Know

b. If Yes,

What area of the premises did he enter? \_\_\_\_\_

Was driver required to wear outer clothes and foot wear provided by this premises? •

b. Yes      c. No      d. Don't Know

**39. Company vet/service tech**

e. Yes      f. No      g. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**40. Non-company vet/consultant**

h. Yes      i. No      j. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**41. Construction or service person (e.g., gas, plumbing, pest control)**

k. Yes      l. No      m. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**42. Customer/buyer/dealer**

n. Yes      o. No      p. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**43. Other producer**

q. Yes      r. No      s. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)

**44. Non-business visitor (friend/neighbor) •**

t. Yes      u. No      v. Don't Know

If Yes

Source/name; date	Truck and equipment C&D before entering (Yes/No)	Truck and equipment C&D when leaving (Yes/No)	Personnel enter livestock areas (Yes/No)	Entered in visitor log (Yes/No)