



# Scenario Introduction

Dr. Greg Mayr

Foreign Animal Disease  
Diagnostic Laboratory

# Scenario

- A call comes from a farm where 4 out of 5 cattle are reported to be suffering from loss of appetite and reluctance to stand/walk.
- The farm also contains 3 horses and 5 swine for which no information is available.
- You have been asked to investigate and send appropriate samples for testing.
- The farm borders a sheep farm, is near a border with another country, and within 5 miles of a swine farm.

## **If the call came from a local veterinarian acquaintance, what should you do first?**

- Be certain to contact your Assistant District Director (AD), or District Director (DD) for instructions.
- Contact FADDL if you have ANY questions about what to do when you get to the farm.
- Check the supplies in your FADD Kit and start thinking about what samples you will need to take.

# What diseases should you be thinking about on the ride to the farm?

## Transboundary

- Foot-and-mouth
- Vesicular stomatitis

## Domestic

- Malignant Catarrhal Fever
- Bovine Papular Stomatitis
- EHD

# What PPE would you have in a perfect world?

- Gloves
- Tyvec/ Disposable Coveralls
- Rubber Boots/Boot Covers
- Eye Protection



# Which animals would you examine and in what order?

- First- Horses
- Second- Swine
- Third- Cattle

## **What might it mean if the Horses are healthy?**

- Might not be VSV- possible but not certain.

## **What might it mean if the Swine are healthy?**

- Might not be FMD- possible but again not certain

# Cattle are sick- what samples should you take?

- Serum
- EDTA blood
- Vesicular tissue
- Swabs of lesions
- Vesicular fluid
- Probang
- Remember if you have any questions...CALL



# What if you wanted to send samples to the NAHLN laboratory?

- Initiate a conversation with the AD, the State Veterinarian, and the NAHLN laboratory manager and notify them samples will be sent.
- Notify FADDL that the NAHLN laboratory will get a set of samples so that coordination of reporting can be initiated.
- **TAKE A SECOND SET OF SAMPLES**

# What Priority should you be thinking, and who makes that decision?

- Keep in mind that although the State Veterinarian in conjunction with the AD and Regional Director make the final decision on Priority for the case, and although a conversation with FADDL personnel may help with the prioritization, as the individual in the field it is your responsibility to paint an accurate picture of what is happening on the farm.

# What else may be necessary?

- Confinement/Quarantine of affected animals
- Quarantine and stoppage of movement for the entire farm (under the authority of and with the permission of the State Veterinarian)
- Notification of State Epidemiologist to begin inquiries about similar conditions in the surrounding area
- Decontamination/ disposal of PPE to limit spread

# Next-arrangement of sample transportation.

- If Priority 1 or A-  
Transportation arranged by AD with Regional Director, National Preparedness Incident Coordinator, and FADDL
- If Priority 2-  
Arrange transportation by FedEx, Mark “Hold for Pick UP” and notify FADDL of sample tracking number and arrange pickup
- If Priority 3-  
Transportation by FedEx, no notification required

## One last item to remember?

- Call FADDL anytime you have questions about a case, or samples, or proper shipping...we are here to help you protect the nation's agriculture!