Putting REAL Biosecurity to the "TEST"

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This is a TEST, this is only a TEST (or is it really?)

A Worse Case Scenario…this is your farm, this could be your worst NIGHTMARE!!!

You are Owner/Manager of this 5000 sow Farrow to Wean “Sow Center”

While taking some time off to visit in-laws (over the Thanksgiving Holiday) one of your employees “Jerry” is asked to look at the sows on his father in-law’s farm. This farm is located approximately 47 miles South (as the crow flies) from your sow center.

You employ 8 very happy people:

Jerry is familiar with the NPB recent efforts to update the educational materials to include the following information:

- If you see any of the following clinical pictures on your operation, call your herd veterinarian, extension, state veterinarian or 866-536-7593.
  - The combination of purplish skin blotsches, matted eye-lashes and diarrhea unresponsive to antibiotics on the farm at the same time.
  - High proportion (20% or above) of pigs unwilling to eat or stand up
  - High mortality (20% or above)
  - Increased abortions, stillbirths and mummies with trembling, in-coordinated, “drunk” or deformed baby pigs
  - Excessive lameness with reddened/inflamed coronary bands
  - Blisters on coronary bands or on snouts

- Disease that may cause these symptoms include:
  - Foot & Mouth Disease (FMD), Pseudorabies Virus (PRV), Classical Swine fever (CSF)
Jerry is very startled to see “lesions” on 3 sows on his father-in-laws farm. Your employ is so startled that he calls you to describe the lesions that he observes.

This is what he is trying to describe to you:

Geographical Considerations

- This is the end of November…prevailing winds are from the North West.
- Your Sow center is located due North from this farm.
- However, you are aware that there is another “swine unit” 30 miles East of the infected site.

This unit operates on a Slightly different business model.

Not all Hunters have been this successful 🎃

Now what does “Biosecurity” Mean?

- Your sow center is located more than 30 miles beyond the circle test perimeter that will be established for this situation.

- How do you want to answer the following questions???

Biosecurity Questions:
(</span>Harsh Realities!!!</span>)

Employee considerations in this situation:
- What kind of policy will be required to assure employees do not have contact with people/pigs in the affected area?
- Two of your employees live up to 15 miles South of your farm (source herd is 47 miles South).
- What precautions will you take or housing can you provide for the employees that live North of the farm?
- Will Jerry be allowed to come back to work?
  - If not immediately what? Will he be compensated for his time off?

How will weaned pigs be transported and what efforts will be taken to assure that there is no pathogen transfer (from trucks returning to your farm and to your pigs during transport)?
- Note: Your contract is with a wean to finish site located 250 miles South-East of your farm. (who will pay for the additional transportation costs??)

Are Feral Pigs a Real Threat in your area??

Your Farm is HERE Dodge or Olmsted County, MN.
Additional Questions:

- What extra precautions must be taken when considering Feed deliveries to your farm?
- What extra precautions must be taken when considering UPS deliveries to your farm (Christmas holidays are soon to follow)?
- How will new gilt or boar additions be moved to this farm?
- How will semen be delivered to this farm?
- How will the school bus arrive and leave from your farm?
- Are there any additional Wildlife threats & Farrell pig considerations—What will you do about these threats?
- How will dead animals be handled and disposed of?
- OTHER questions???

Non-Conclusion:

- If you prepare a biosecurity plan to consider the worst case scenario your plan should be adequately stringent enough to ensure the health status of your operation against the commonly expected economic pathogen threats currently identified in the USA (PRRS, TGE, Salmonella, etc).

- However, this plan must be constantly reevaluated and reassessed as area threats change.

QUESTIONS

THANK YOU!!!!!