Avian Influenza Workshop
Easel Discussion Points Summary

- Responder preparations
  - Medical monitoring
  - PPE fit testing – get it done before the outbreaks occur.

- Balance animal health and environmental needs.
  - Fumigation
    - Sabre (company used)
    - Fumigating with chlorine dioxide – what are the requirements?
  - Leachate/groundwater
    - Is having the virus in the leachate/groundwater an issue we should be concerned with?

- Plans are developed for cattle and hogs – how do they need to be modified for poultry?

- How to quickly depopulate and minimize virus shed – foam vs. CO2 vs. turning off the ventilation?

- Have/require all producers pre-plan for mass casualties.
  - Tell farms not yet affected to ‘dust off their plans’ and re-evaluate.

- Needs
  - Authority to require reporting of all backyard flocks and small farms.
  - Better/definitive guidance on cleaning and disinfection – what is clean?

- Don’t limit your disposal options, but evaluate carefully!
  - Know what your disposal options are.
  - Talk to Iowa – a good resource.

- Burial
  - A study done by Nebraska on leachate from burial sites will be on the NDEQ website.
  - Can states require deceased diseased animals be buried?
  - Proper sizing/capacity of trench
    - Kansas has a trench design tool
  - Call it treatment in the ground, not burial.
  - Keep the burial zone in the root zone and out of the water saturation zone.

- Incineration
  - Variances were issued to allow quicker deployment of incinerators into the field.
  - Cost of the incinerator units is a concern.
• Composting
  o Mice are a bigger concern than flies for vectors.
  o If composting is not occurring, what is the virus longevity?
    ▪ The main concern is insufficient virus kill if the composting cycle is not completed/finished
  o What is the optimal size for carbon sources for the compost piles?
    ▪ The optimal size is greater than one inch.
  o For successful composting, you need to have producer and worker buy-in.
  o Does anyone have any BMPs for composting they can share?
  o Has any state made considerations for allowing ‘emergency’ composting for amounts over 10,000 cubic yards?

• What were the benefits of a Governor’s Declaration?
  o NE: enabled a more rapid response
  o IA: it waived requirements for driver hours and weight limits on the roads

• Is there a national composting guidance document?
  o One is in the works, but is waiting for approval for release
  o Contact Laurie Miller (not sure on name spelling)

• Has there been a cost analysis done for the various disposal options?
  o No one indicated any knowledge of such an analysis, but the information will be available.