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APHIS, VS RUMINANT SERUM RISK ASSESMENT- UPDATE

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OCTOBER 16, 2016

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APHIS, VS Ruminant Serum Risk Assessment Update

- Original approach evaluated risk in status quo scenario with the intention of adding or removing risk mitigations
- New approach evaluates risk in a baseline scenario with minimal mitigations, with the intention of adding mitigations to the baseline until an acceptable level of risk is realized
- New approach ensures that VS does not have excessive mitigations; instead, it will ensure that we build on the baseline scenario to include only the mitigations that are necessary to achieve an acceptable level of risk
- New assessment approach looks into group liked hazards:
 - FMDV
 - Arboviruses (Bluetongue, Akabane, RVF,)
 - Others as needed (e.g., Hobi virus, SBV-Schmallenberg)



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APHIS, VS Ruminant Serum Risk Assessment Update

Completed work

- Developed baseline scenario with minimal mitigations
- Developed assumptions – and interpretation of those assumptions – to use for baseline scenario
- Developed entry and exposure pathways for FMDV in bovine serum



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APHIS, VS Ruminant Serum Risk Assessment Update

Currently working on

- Identifying the factors that will be most influential in evaluating risk along identified FMDV pathways
- Evaluating risk along identified FMDV pathways and writing results

Future Work

- Identify mitigations to add to baseline scenario for FMDV
- Evaluate FMDV risk in scenarios with additional mitigations added
- Develop entry/exposure pathways for arboviruses



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