



## Challenges in Animal Agriculture

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## VDACS MISSION

- ✘ Promote economic growth in agriculture
- ✘ Provide consumer protection and public health
- ✘ Protect animal health and welfare

- ✘ Belly buttons

- ✘ Opinions

- ✘ Facts



## CHALLENGES

- ✘ Common to agriculture or larger economies
- ✘ Animal agriculture

## CHALLENGES TO AGRICULTURE

- ✘ Demographics
- ✘ Economy
- ✘ Food safety



## DIVERSITY + COMPLEXITY = VULNERABILITY

- ✘ Pork shoulder (Canada via Iowa)
- ✘ Garlic (US - California)
- ✘ Water (US - Illinois)
- ✘ Salt (US - Ohio)
- ✘ Ground black pepper (India)
- ✘ Pecorino Romano cheese (Italy)
- ✘ Sausage casing (Canada via Iowa)
- ✘ Hot red pepper flakes (Malaysia)



## CHALLENGES TO AGRICULTURE

- ✘ Agroterrorism
- ✘ Information



## CHALLENGES: ANIMAL AGRICULTURE

- ✘ Economies of scale
- ✘ Biosecurity
- ✘ Vectors
- ✘ Response preparedness

## DISEASE PREPAREDNESS – SECDV



## CHALLENGES: ANIMAL AGRICULTURE

- ✘ Animal Welfare and Transparency

“...in today's highly urbanized culture most young adults have little connection to or knowledge about farming and farming practices. This lack of knowledge deprives them of context when it comes to understanding a video clip involving farm animals.”  
Grandin



## CHALLENGES: ANIMAL AGRICULTURE

- ✘ Dietary and consumption decisions
- ✘ Production and consumption preferences
- ✘ Small, local, direct to market farmers

## CHALLENGES: ANIMAL AGRICULTURE

- ✘ Distrust of regulators, government, professionals?
- ✘ Communications

## DISCUSSION AND QUESTIONS

