

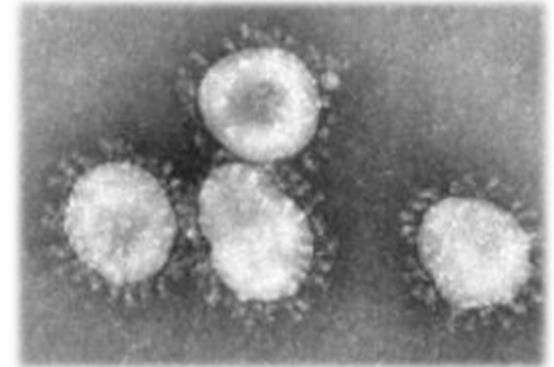
U.S. Response to Novel Swine Enteric Coronavirus Disease Viruses

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September 24, 2014



Swine Enteric Coronavirus Diseases

- Porcine epidemic diarrhea virus (PEDV)
- Porcine delta coronavirus (PDCoV)



Picture from Wikipedia of Corona Virus



Initial Response



- Initial response:
 - Nonregulatory
 - No mandatory reporting
 - No movement controls
 - Determine spread route
 - Discover source

Federal Order

- Impact of disease called for greater Federal and State role
- Required reporting allows:
 - Assessment of situation
 - Rapid detection of new viruses
 - Reduced impact to producers



Management Plans

- Required for operations reporting viruses
- Developed with a veterinarian
- Include biosecurity measures



Funding

\$26.1 million including:

- \$3.9 million for vaccine development
- \$2.4 million for laboratory testing
- \$1.4 million for sequencing



Other Efforts

- Vaccine development
- Pathways analysis
- Root cause investigation



Questions?

