



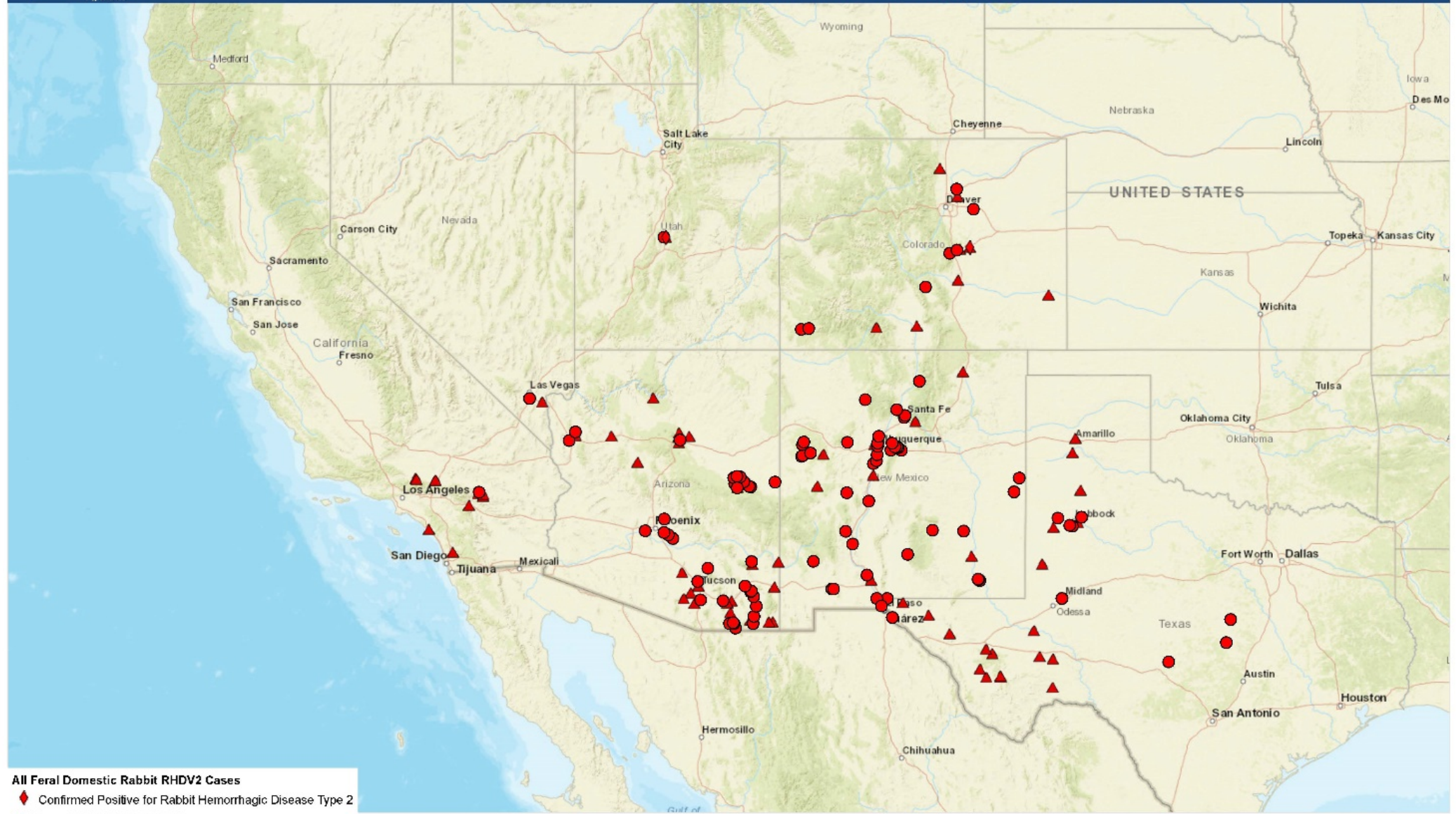
BAH Quarterly Meeting September 9th 2020

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Rabbit Hemorrhagic Disease Virus Type 2

- Since 2019 there have been multiple outbreaks of Rabbit Hemorrhagic Disease Type 2 in the US. Two have been resolved (OH & NY) but two areas have ongoing outbreaks: Washington State on San Juan Island and the SW US
- 3/24/20 RHDV-2 diagnosed in NM domestic rabbit. 4/1/20 diagnosed in wild rabbit. 1st time in US
- Reported in AZ, CA, CO, NV, NM, TX & UT. Both domestic and wild rabbits affected. (Feral also in CO & UT)





- All Feral Domestic Rabbit RHDV2 Cases**
- ◆ Confirmed Positive for Rabbit Hemorrhagic Disease Type 2
- All Domestic Rabbit RHDV2 Cases**
- Confirmed Positive
- All Wild Rabbit RHDV2 Cases**
- ▲ Confirmed Positive for Rabbit Hemorrhagic Disease Type 2

0 250 500 km Coordinate System: WGS 1984 UTM Zone 12N
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Current SW US Situation and Response

- AZ – 34 quarantines, 11 released. CA – 1 quarantine. CO – 7 quarantines. NV – 1 quarantine. NM – 40 quarantines, 23 released. TX – doesn't have authority to quarantine rabbits! UT – 1 quarantine.
- Most states release quarantine 120 days following last death with cleaning and disinfection (usually Virkon or 1:10 bleach). CO requires depop, C & D and 90 day fallow period or 180 days without depop.
- All states importing vaccine with USDA approval. Either through state agency or private practicing vets.
- Currently still considered an FAD but states may be reclassified as “stable endemic”

RHDV Type 2: Clinical Signs

- Lethargy followed by death. Usually with hemorrhage, especially epistaxis. Seizures may precede death.
- Sudden death may be only sign. May have high mortality in rabbitries.
- Transmitted through direct contact with infected rabbit's blood and secretions
- Can also be transmitted through contact with contaminated food, water, bedding and clothing



RHDV-2 Message to MN Rabbit Owners



- Not in MN or in the upper Midwest
- Information out to the public through Animal Bytes and webpage: <https://www.bah.state.mn.us/rabbit-hemorrhagic-disease/>
- Practice strict biosecurity. No exposure to wild rabbits
- Separate boots, clothing when working with rabbits
- Report unusual mortalities either domestic or wild. Contacts with DNR
- Veterinarians report suspicious cases. Investigate as FADI
- No vaccine approved in US. Private vets may apply to USDA for importation of EU vaccine
- Not currently allowed in MN. May revisit if diagnosed in MN or neighboring states

FAD Investigations 2020

- 46 swine vesicular cases
- 5 rabbit
- 3 equine
- 1 each canine, turkey & bovine