



# Exotic Newcastle Disease

Animal Health  
*Network*

# Background



- First detected in October 2002
- Existed in backyard flocks for 6 months prior to detection
- Believed to be introduced by one bird smuggled in from Mexico
- Negatively impacted the poultry industry in California, Nevada, and Arizona

# Declaration of Extraordinary Emergency

- Issued by the USDA for CA, NV, and AZ
- Gave USDA federal authority in these states
- Extended to intrastate movements of birds
- Assumed all birds in California were affected, not just the species listed in quarantine



# Stopping the Spread

- All birds that tested positive or were in dangerous contact with infected birds were **euthanized**.
- Birds that were not infected and had owners that could demonstrate a bio-security program were **spared**.
- Owners were required to place birds in protective **isolation**.

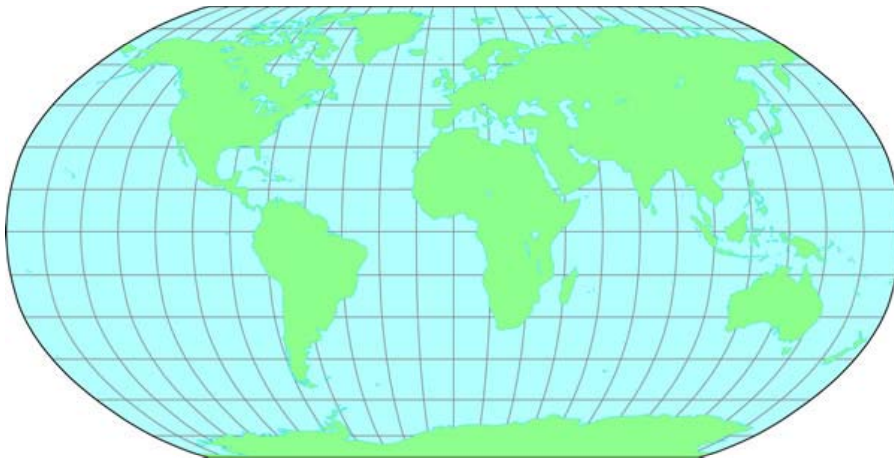
# Bio-Security Program

- Avoid contact with affected birds.
- Isolate birds from loose birds in the neighborhood.
- Prevent people from spreading the disease on contaminated clothing, shoes, and vehicles.
- Clean and disinfect all equipment and supplies in contact with the affected birds.

# Impact of the Disease

- “At least 34 countries, ... suspended the importation of poultry and poultry products from the states affected by the Exotic Newcastle Disease outbreak.”

*Dr. Lenarduzzi*



# Impact of the Disease

- Early detection could have significantly mitigated the negative impact.
- Resulted in the depopulation of 3.5 million birds
  - 22 commercial flocks
  - Over 2,000 private premises
- \$160 million to control the outbreak



# Animal Health *Network*

You can make a difference by encouraging the adoption of the Animal Health Network.



# Questions?

## Contact:

Shannon Degenhart

[sdegenhart@aged.tamu.edu](mailto:sdegenhart@aged.tamu.edu)

Or

Andy Vestal

[t-vestal@tamu.edu](mailto:t-vestal@tamu.edu)