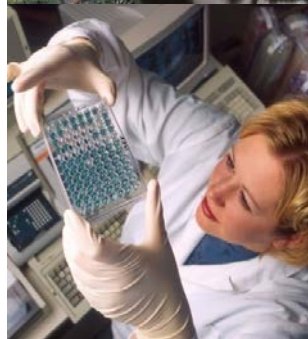




Veterinary Services



National Brucellosis Eradication Program Update

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Animal and Plant Health Inspection Service
Veterinary Services
Surveillance Preparedness and Response Services
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Overview

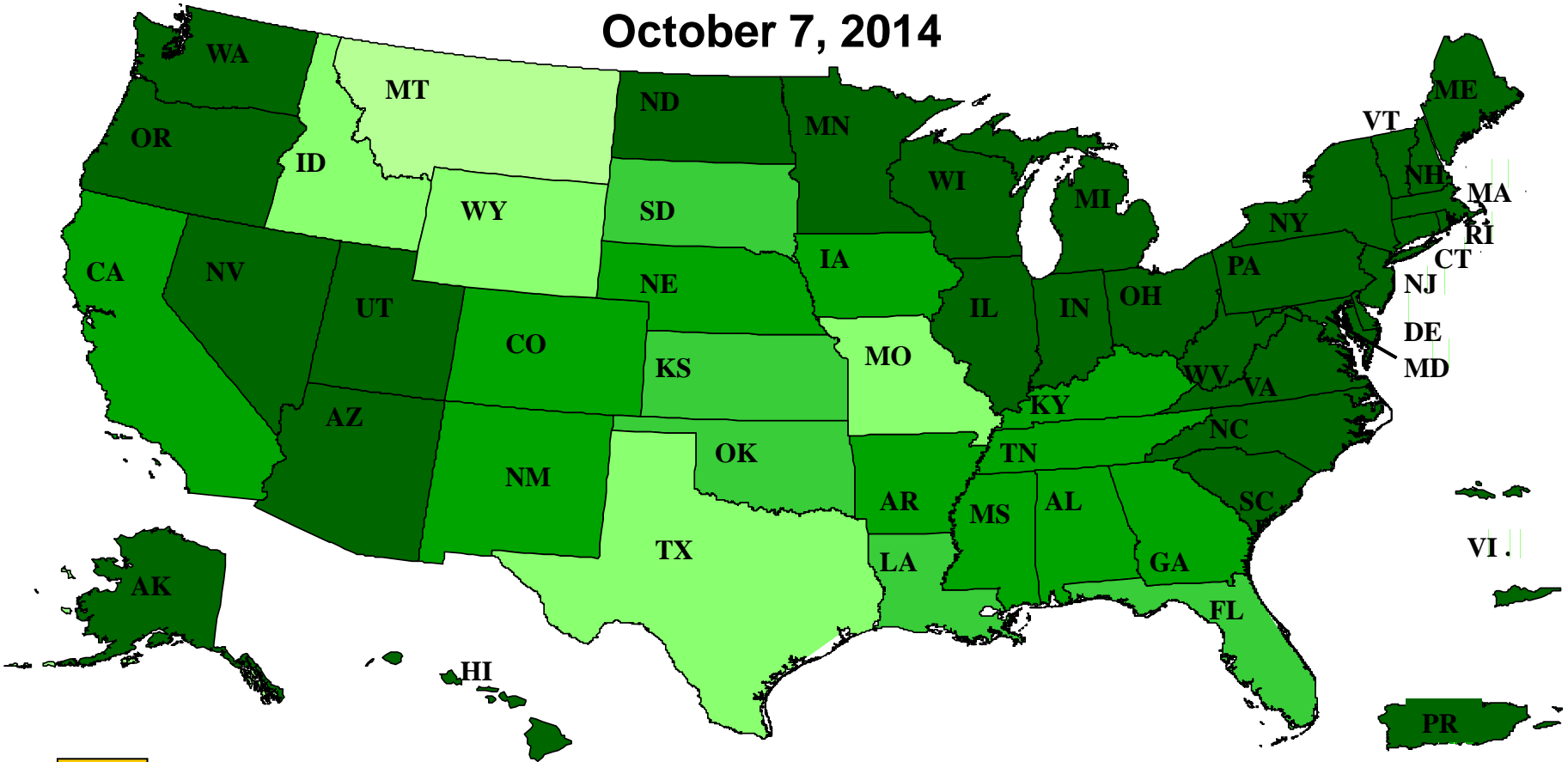
- Brucellosis: Current Status
- Interim Rule & Final Rule
- Combined TB/Brucellosis Proposed Rule
- Brucellosis Surveillance Plan
- Alaska Woods Bison



Brucellosis Eradication Program

State Status Classification

October 7, 2014

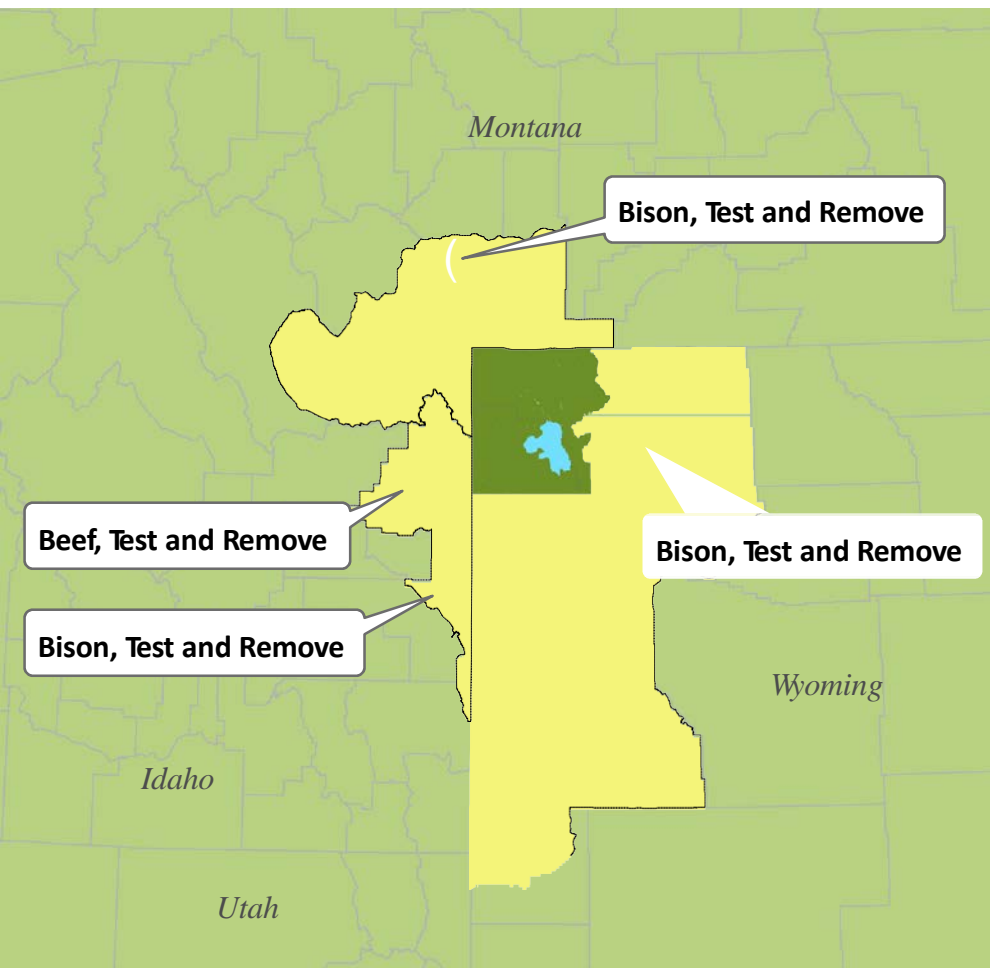


Class A Status
Free Current Year
Free 1-5 yrs

Free 6-10 yrs
Free 11-15 yrs

Free 16-20 yrs
Free 21+ yrs

Brucellosis Affected Herd Activities



- Four affected herds (three bison, one beef) remain under test and remove herd plans from 2011 and 2012
- Two beef herds and one bison herd in Montana were released from quarantine
- The Wyoming bison herd is close to being released from quarantine
- The Idaho beef herd could be released next spring
- All States remain classified as Class Free for bovine brucellosis.

2014 Program Numbers

- Market Cattle Identification (MCI) Surveillance:
 - ~ 2.0 million head of cattle tested at slaughter
 - ~ 96,997 head of cattle tested at market
- On-Farm Testing: ~ 249,774 head of cattle and other species tested on-farm or ranch
- Vaccination:
 - Calfhood vaccination: ~ 1.9 million calves vaccinated
 - Adult vaccination: ~ 262,296 adult cattle vaccinated
- Certified-Free Herds: 276 herds

Data: July 1, 2013 – June 30, 2014

Brucellosis Interim Rule

- Published in the *Federal Register* on December 27, 2010.
- 60-day comment period ended February 25, 2011.
- 30 comments received from private citizens, State agencies, industry groups, animal welfare organizations, environmental groups, and Congress.
- Final rule is under review.

Next Steps and Timeline

- In Progress
 - Departmental review of the proposed Combined Rule and program standards
- Early calendar year 2015
 - Publish proposed rule in the *Federal Register*
 - Post program standards on www.regulations.gov

Revised Brucellosis Slaughter Surveillance Plan

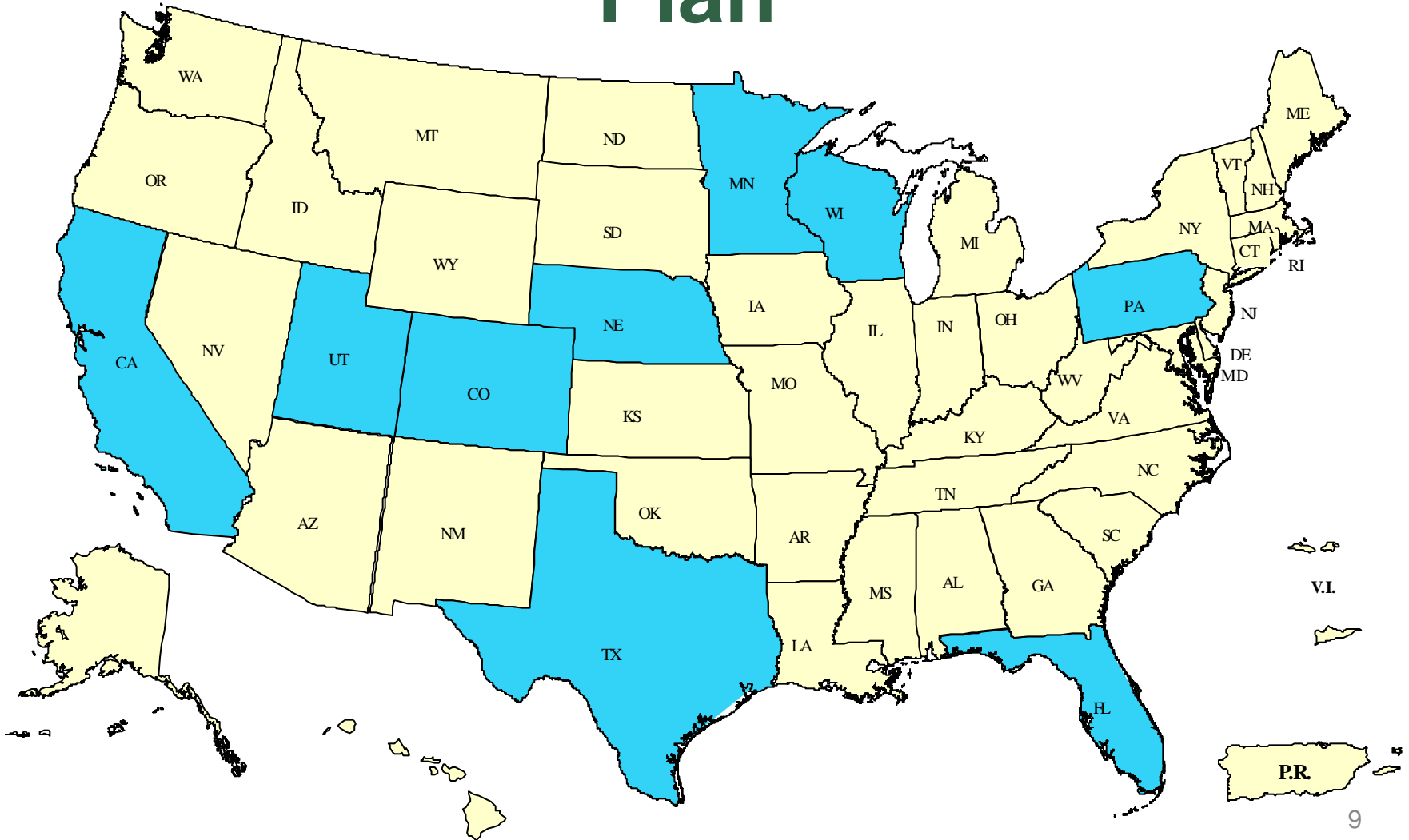
Plants – In addition to the plants already named in the 2012 plan:

- Brush Meat Processors and Double J in Colorado to incorporate sampling of bison from the GYA
- L & H in Texas and Cargill in WI closed due to low cattle numbers
 - Replaced L & H with Caviness in TX
 - Replaced Cargill in WI with Valley Pride in WI

This brings the number of slaughter establishments to 11.



Revised Slaughter Surveillance Plan



Revised Brucellosis Slaughter Surveillance Plan

Laboratories

- Federal laboratory in Kentucky as the primary surveillance laboratory.
- VS added the Texas State laboratory to the list of laboratories testing national slaughter surveillance samples.
- Dale T. Smith plant in Utah samples now being sent to KY.
- State laboratories in the three GYA States for all samples that are collected within those States.
- This has resulted in approximately 1,346,000 samples being shipped to the Kentucky lab and 555,000 to the Texas lab.

False Positive Rate

- Noticed fewer false positives than expected
 - Expected 30 false positives per 100,000
 - Seeing 10 false positives per 100,000
- Evaluation of data
 - Three labs, KS, TX, and CA
 - False positive range of 7 to 11 per 100,000.
 - Most likely change is almost no Strain 19 animals left in population



Alaska Woods Bison Introduction

2003 Importation

- Illegal
- 13 head confiscated by USFWS
- Shipped to Alaska Wildlife Conservation Center (AWCC)
- No domestic livestock within several miles of AWCC
- Natural additions to 22 head

2008 Importation

- Risk assessment
- 53 prior tested TB and Brucellosis bison brought to AWCC
- March 2009: all bison (53 + 22 of 2003 group) tested negative to TB and Brucellosis – USDA and State of Alaska
- February 2010: all bison tested negative to TB and Brucellosis – USDA and State of Alaska

Present and Future

- Release site chosen as Lower Innoko – Yukon River area in southwest Alaska
- No large scale Ag in area
- Wildlife nearby are Moose, but unlikely caribou and dall sheep
- B. suis biovar 4 endemic in free ranging caribou and captive reindeer

Summary

- Brucellosis: Current Status
- Interim Rule/Combined TB/Bru Proposed Rule
- Brucellosis Surveillance Plan
- Alaska WB importation



Questions?

