Animal Disease Traceability (ADT)

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Regional Outreach Meetings
“Next Steps” to Advance Traceability
Spring 2017
ADT Overview

- Focus on cattle and bison
- Review 9 CFR, Part 86 - “Traceability for Livestock Moving Interstate”
- Assessment of ADT Framework

ADT Key Principles

- Maintain and expand traceability infrastructure as disease programs are updated
- Administered by States & Tribal Nations
- Effective solutions that minimize cost
- Basic “bookend” system

Traceability for Livestock Moving Interstate

Final rule published January 9, 2013

Effective date March 11, 2013
Traceability for Livestock Moving Interstate

- Interstate movement requirements do not apply if:
  1. The movement occurs entirely within Tribal land that straddles a State line & the Tribe has a separate traceability system; or
  2. The movement is to a custom slaughter facility in accordance with Federal and State regulations for preparation of meat.

General Requirements

Livestock moved interstate, unless exempt, must:

- Be officially identified
- Have ICVI or other documentation

Official Identification

- Defined by species
- States/Tribes must accept all methods of official ID
- Receiving State can’t require specific method of ID
Requirements for Cattle and Bison

Official ID Methods for Cattle and Bison

• Official eartags
• When ship-from and ship-to States agree:
  – Registered brands with an official brand inspection certificate
  – Tattoos & other ID methods acceptable to a breed association
• Group/lot identification

Official Eartags

• Tamper evident
• Imprinted with:
  – Official eartag shield
  – Official ID number
    o National Uniform Eartagging System (NUES)
      • 31ABC4275
    o Animal Identification Number (AIN)
      • 840 000 089 012 345
      • Transition to 840 format only
When is Official ID Needed?
For the following to move interstate:
- All sexually intact cattle & bison 18 months of age or over
- All female dairy cattle of any age & all dairy males born after March 11, 2013
- Cattle & bison of any age used for rodeo, recreational events, shows, & exhibitions

Official ID Exemptions
- Directly from a location in one State through another State to a second location in the original State.
- Directly to an approved tagging site & are officially identified in accordance with established protocols.
- Between shipping & receiving States or Tribes with another form of identification as agreed upon by animal health officials in the shipping & receiving States or Tribes.
- Directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility & then to a recognized slaughter establishment.

General Requirements
Livestock moved interstate, unless exempt, must:
- Be officially identified
- Have ICVI or other documentation
**Movement Documentation**

**Interstate movements require ICVI unless moved:**

- Directly to slaughter or to slaughter through one approved market with an OSS
- Directly to an approved livestock facility with an OSS
- To a vet clinic for medical examination or treatment
- As a commuter herd with commuter herd agreement
- With documentation other than an ICVI as agreed on by State officials (OSS, brand certificate, etc.)

**Information required on ICVI:**

- Certificate number
- Species
- Number of animals
- Purpose of movement
- Ship-from and destination address
- Names of consignor/consignee
- Addresses if different than ship-from & destination
- Official ID of each animal (unless exempt)
- If States have agreed on alternate ID, a record of that ID
- If animals are exempt from official ID the ICVI must list the exemption that applies

**Recording Official Identification on Movement Documents**

Official ID numbers do not need to be recorded on movement documents for:

- Cattle & bison moving to slaughter
- Steers or spayed heifers
- Sexually intact bison & beef cattle under 18 months

*Note: These exemptions do not apply to cattle used for rodeo, exhibition, etc.*
Collection of Identification at Slaughter

- Collection of ALL ID at slaughter
- ID must be cross-referenced to carcass through final inspection
- ID submitted with specimens collected for disease testing

More details in your information packet

ADT Assessment Report
Performance-Based Program

- Measures established by 2010 State/Federal Working Group that provided input to the traceability regulation
- Primary focus on administration of official ID & ICVIs
- Document progress & identify gaps
- Implement actions that can provide improvement

Traceability Performance Measures (TPMs)

- Two key factors for each TPM -
  - The elapsed time it takes to answer four specific questions defined by the TPM:
    1. In what State was an imported animal officially identified?
    2. Where in your State was the animal officially identified?
    3. From what State was an animal shipped?
    4. From what location in your state was an exported animal shipped?
  - The % of successfully completed TPMs

Key to Successful Traceability

Timely retrieval of complete & accurate information
Traceability Performance Measures

- National baselines established in FY 2013 cooperative agreement period
- 1st Comparison
  - 2014 cooperative agreement trace exercises
  - Report compiled September 2015
  - Significant improvement in both hours & % successfully completed
- 2nd Comparison
  - 2015 cooperative agreement

Traceability Performance Measures

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<th>#</th>
<th>National Baselines</th>
<th>1st Comparison</th>
<th>2nd Comparison</th>
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<tbody>
<tr>
<td></td>
<td>% Successful</td>
<td>Time</td>
<td>% Successful</td>
</tr>
<tr>
<td>1</td>
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<td>NA</td>
<td>87%</td>
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<tr>
<td>2</td>
<td>69%</td>
<td>8 hr.</td>
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<td>3</td>
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<td>138 hr.</td>
<td>84%</td>
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<tr>
<td>4</td>
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<td>264 hr.</td>
<td>88%</td>
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TB Traces from Slaughter

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<thead>
<tr>
<th>Total cases by identification type</th>
<th>Successful Trace</th>
<th>Traced Indirectly</th>
<th>Unable to trace</th>
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<tbody>
<tr>
<td>Unofficial Identification</td>
<td>12</td>
<td>9</td>
<td>1</td>
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<tr>
<td>No Identification</td>
<td>14</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Official Identification</td>
<td>12</td>
<td>12</td>
<td>0</td>
</tr>
<tr>
<td>Total</td>
<td>38</td>
<td>26</td>
<td>6</td>
</tr>
</tbody>
</table>
How Are We Doing?

- The ADT program has been very successful in the context of the framework for covered livestock:
  - Official ID
  - Movement documentation
  - Interstate movement

- Significant gaps exist in current framework

ADT Challenges

- Official ID requirement limited to interstate movements
  - Potential for multiple points of congregation & local spread of disease prior to moving interstate.
  - Records may not exist.
  - How do you trace a black cow with no identification?

ADT Challenges

- Official ID requirement limited to interstate movements
  - Exemptions are confusing!
  - Impossible to monitor & enforce compliance

- Direct to slaughter
  - Moved intrastate
  - Official ID or backtag
  - ICVI

- Moved interstate
ADT Challenges

- Reliance on low-cost technology (visual only tags)
  - Inability to read official ID at the speed of commerce
  - Transcription of official ID on movement documentation
    - May mean the animal is handled multiple times
    - Issues with legibility & transcription errors

ADT Challenges

- Exclusion of beef feeder cattle in the official identification requirement
  - Feeder cattle are not isolated from disease (exposure through management, marketing, & long-distance movement)
  - Trade implications
    - Lack of full traceability domestically

ADT Challenges

- Requirements for collection of all ID devices & correlation to the carcass through final disposition
- Inconsistently applied due to:
  - Inability to collect all ID at the speed of commerce
  - Procedural issues at plants
  - Turnover of plant personnel & lack of education
Outreach and Feedback

1. APHIS conference calls with State & Federal Animal Health Officials
2. State & Federal Animal Health Officials getting feedback at local levels
3. Regional stakeholder meetings
4. State/Federal Working Group
5. National ADT Forum

Goals for Today

Discuss ADT Framework including:
- What’s working well
- Gaps in traceability
- Revisions to current framework

Thank You!

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