

A photograph of a herd of cattle grazing in a grassy field. The cattle are of various colors, including black, brown, and white. They are scattered across the field, some standing and some grazing. The field is green and appears to be a pasture. The background is a clear sky.

Animal Disease Traceability Framework

Report to NIAA Animal Identification and
Information Systems Council

April, 2011

UNITED STATES DEPARTMENT OF
AGRICULTURE

Update Topics

- Review proposed rule
- Policy adjustments
- Revision to program/administrative issues





United States Department of Agriculture

Animal and Plant Health Inspection Service

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Animal Disease Traceability

On February 5, 2010, USDA announced a new, flexible framework for animal disease traceability in the United States.

The framework will provide the basic tenets of an improved animal disease traceability capability in the United States. USDA's efforts will:

- Only apply to animals moved interstate;
- Be administered by the States and Tribal Nations to provide more flexibility;
- Encourage the use of lower-cost technology; and
- Be implemented transparently through federal regulations and the full rulemaking process.

USDA is committed to working in partnership with States, Tribal Nations and industry to develop an effective, yet practical, animal disease traceability solutions.

What's New

- [Animal Disease Traceability Comprehensive Report](#)
- [Clarification Regarding Use of Brands](#)
- [Official Eartag Listing](#)
- [Official Animal Identification Number \(AIN\) Devices](#)

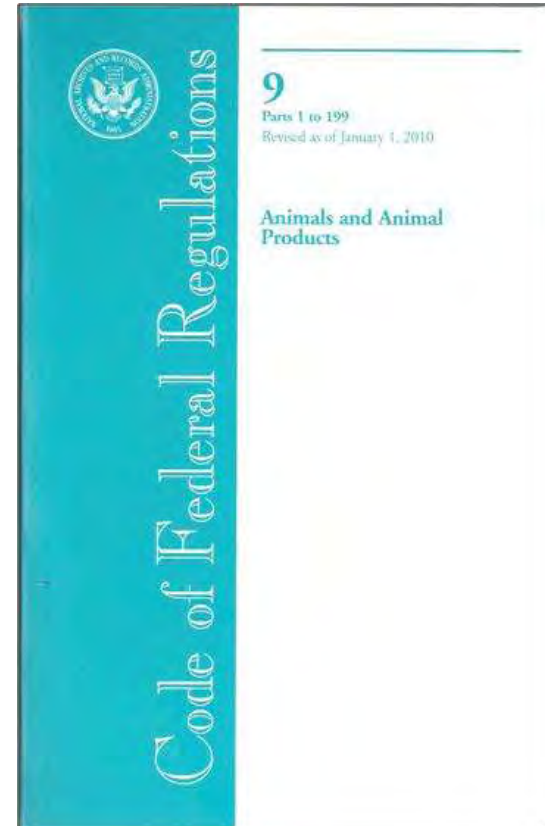
Quick Links

- [USDA Directory](#)
- [State Veterinary Directory](#)
- [APHIS Animal Diseases](#)
- [APHIS Animal Diseases by Species](#)

Last Modified: 4/13/2011

Proposed Rule: Traceability for Livestock Moving Interstate

General Requirements:
 With some exceptions, all livestock moved interstate must be officially identified and accompanied by an ICVI or other movement documentation.



Proposed Rule: Traceability for Livestock Moving Interstate

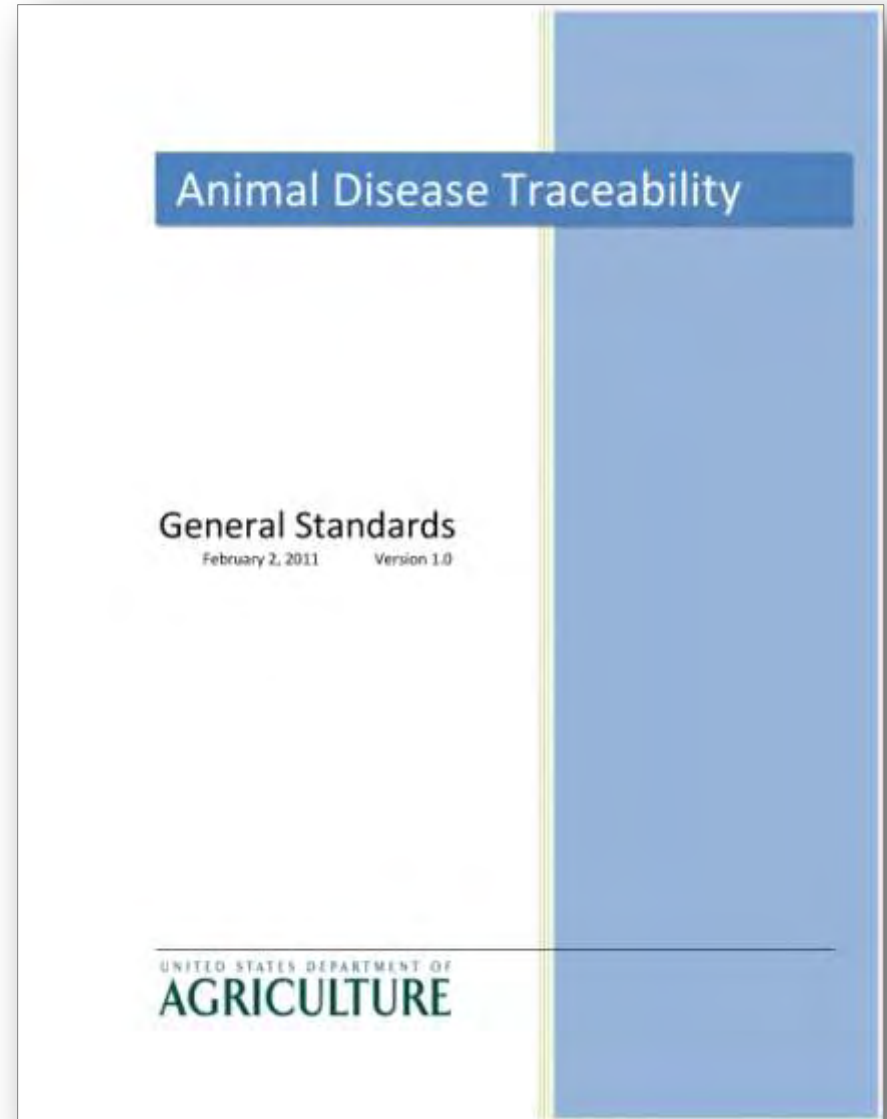
General Requirements: Interstate movement requirements do not apply if:

- The movement occurs entirely within Tribal land that straddles a State line and the Tribe has a separate traceability plan.
- The movement is to a custom slaughter facility in accordance with Federal and State regulations for preparation of meat for personal consumption.



General Standards Document

- Rule will frequently reference standards provided in the General Standards document



Species Covered in Regulation

Cattle and Bison

Cervids

Equine

Poultry

Sheep and Goats

Swine

Inclusion of aquatic animals in the traceability regulation will be considered as the National Aquatic Animal Health Plan is implemented.



Official Identification Devices & Methods

- Defined by species
- For several species, official eartags are an approved ID device to meet the official ID requirements.
- Uniformity of official eartags is critical.




Official Eartags (continued)

- Imprinted with
 - U.S. shield 
 - Nationally unique official ID number
- Official animal numbering systems
 - National Uniform Eartagging System (NUES)




Official Eartags (continued)

- Imprinted with
 - U.S. shield 
 - **840 AINs reserved for "Born in USA"**
- Official animal numbering systems
 - NUES
 - Animal identification number (AIN)
 - Transition to 840 prefix only, eliminating mfr. codes and USA

✓ **840 AINs reserved for "Born in USA"**



Official Eartags (continued)

- Imprinted with
 - U.S. shield 
 - Nationally unique official ID number
- Official animal numbering systems
 - NUES
 - AIN
 - Location or flock-based number system



Interstate Certificate of Veterinary Inspection (ICVI)

- Current CFR has general reference to “certificate.”
- Proposed rule would define ICVI
 - What information is contained on an ICVI.
 - Use of the ICVI (when required) for each species is outlined.
 - Administration requirements by the signing animal health official



Review Official ID by Species



Safeguarding Animal Health



Captive Cervids

- Traceability regulation will not have any effect on captive cervids.
- Official ID defined in 9 CFR 77 Tuberculosis
 - Subpart C Captive Cervids



Horses and Other Equine

- Official ID methods and options:
 - A description sufficient to identify the individual equine, as determined by a State or Tribal animal health official in the State or Tribe of destination or APHIS representative, including:
 - name, age, breed, color, gender
 - distinctive markings, and unique and permanent forms of ID when present (e.g., brands, tattoos, scars, cowlicks, or blemishes)



Horses and Other Equine

- Official ID methods and options:(continued)
 - Electronic ID that complies with ISO 11784/11785.
 - Digital photographs sufficient to identify the individual equine.
 - For equines being commercially transported to slaughter, a device or method authorized in 9 CFR part 88.



Poultry

Official ID methods and options:

- Sealed and numbered leg bands per the National Poultry Improvement Plan regulations (NPIP), 9 CFR parts 145-147; or
- Group/lot ID when a group/lot ID number (GIN) may be used; or



Sheep and Goats

- Traceability regulation would not have any effect on sheep and goats.
- Official ID and movement documentation requirements in 9 CFR part 79, “Scrapie in Sheep and Goats,” will be maintained.



Swine

- Traceability regulation will not have any effect on swine.
- Official ID and movement documentation requirements in 9 CFR 71.19, “Identification of Swine in Interstate Commerce,” will be maintained.

Cattle and Bison – Official ID

- Official eartag
- Group/lot ID when applicable
- Official ID requirements phased-in

Note: Other ID methods may be used as agreed to by shipping and receiving State or Tribe, including brands, tattoos, and breed registries



Summary of Official Identification for Cattle and Bison

Initial Phase	Final Phase
<p>Unless exempt as provided below, require official identification for:</p> <ul style="list-style-type: none"> ▪ All sexually intact cattle and bison 18 months of age or over ▪ Dairy cattle of any age ▪ Cattle and bison of any age used for rodeo or recreational events ▪ Cattle and bison of any age used for shows or exhibitions 	<p>Unless exempt as provided below, require official identification for:</p> <ul style="list-style-type: none"> ▪ All cattle
<p>Temporary Exemptions</p>	
<ul style="list-style-type: none"> ▪ Beef cattle under 18 months (feeder cattle) ▪ Cattle and bison moved directly to slaughter (including through one approved livestock facility; for example, auction/market) with a USDA-approved backtag. 	

Exemptions to Official Identification

- Cattle and bison moving interstate would be exempt from the official identification requirement when moved:
- Between any two States or Tribes with another form of identification, including but not limited to brands, tattoos, breed registry certificates as agreed upon by animal health officials in those two States or Tribes.
 - As a commuter herd with a copy of the commuter herd agreement.
 - Directly from a location in one State through another State to a second location in the original State.
 - Directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.

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Initial Phase	Final Phase
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Unless exempt as provided below, require official identification for:

- All sexually intact cattle and bison 18 months of age or over
- Dairy cattle of any age
- Cattle and bison of any age used for rodeo or recreational events
- Cattle and bison of any age used for shows or exhibitions

Cattle and bison

- Between and among premises
- As a commercial transaction
- Directly from other premises
- Directly to other premises

Temporary Exemption:

- Beef cattle under 18 months of age
- Cattle and bison moved directly to slaughter (including through one approved livestock facility; for example, auction/market) with a USDA-approved backtag.

Summary

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- Directly from a location in one State through another State to a second location in the original State.
- Directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.

Cattle and Bison – Official ID Phase-in

- Assess progress being made after the final rule has been published.
- Publish notice in Federal Register when assessment initiated
- Evaluate the tracing capabilities of the system.



Cattle and Bison – Official ID Phase-in

- Advisory group will evaluate the effectiveness the initial phase and offer recommendations regarding the official identification requirements to beef cattle under 18 months of age.
- 70-percent rate of compliance with official identification requirements for cattle before expanding the official identification requirements to the younger beef cattle.



Cattle and Bison – Official ID Phase-in

- When assessment has determined that expansion of the official identification requirements for cattle is viable, APHIS will publish a notice of the assessment in the *Federal Register* and announce the date upon which the official identification requirements will become effective for all cattle and bison.



Collection of ID at Processing

Slaughter Plants

- All man-made ID must be removed as at slaughter and correlated to carcass through final inspections

Rendering Facilities

- All official ID must be removed at the rendering facility and made available to APHIS



ICVI Exemptions – Cattle & Bison

- They are moved directly to a recognized slaughtering establishment, or directly to an approved livestock facility approved to handle “for slaughter only” animals and then directly to a recognized slaughtering establishment, and they are accompanied by an owner-shipper statement.



ICVI Exemptions – Cattle & Bison

(continued)

- They are moved directly from one State through another State and back to the original State.
- They are moved as a commuter herd with a copy of the commuter herd agreement.

ICVI Exemptions – Cattle & Bison

(continued)

- Additionally, cattle and bison under 18 months of age may be moved between any two States or Tribes with documentation other than an ICVI, as agreed upon by animal health officials in those two States or Tribes.



Safeguarding Animal Health



ICVI Exemptions – Cattle & Bison

(continued)

- They are moved directly to an approved livestock facility with an owner-shipper statement and do not move interstate from the facility unless accompanied by an ICVI.
- They are moved from the farm of origin for veterinary medical examination or treatment and returned to the farm of origin without change in ownership.



ICVI – Cattle & Bison

Recording Official ID Numbers

- The official ID number of cattle or bison must be recorded on the ICVI or alternate documentation unless:
 - The cattle and bison are sexually intact cattle or bison under 18 months of age or steers or spayed heifers;
 - Except sexually intact dairy cattle or cattle and bison used for rodeo, exhibition, or recreational purposes.



Traceability Performance Standards

- Concepts explained in preamble
 - Four basic tracing activities as developed by WG
- Time for achieving each activity needs additional analysis
 - Baseline established after rule is implemented
- Performance standards not published in this proposed rule



Policies

- NUES (“Brite”) tags
 - Authorize States to distribute the “brite” eartag directly to producers
 - VS Memo recently finalized
 - Add option with State postal abbreviation
 - NMFLY4271
 - VS to maintain inventory for numeric version
 - Approve NUES tag manufacturers & specific tags so State can obtain directly from manufacturer



Data Standards – Location IDs

- ADT does not require States or Tribes to administer location identifier as part of their traceability programs



Data Standards – Location IDs

- Premises Identification Number (PIN)
 - Obtained through PIN Allocator
 - Remains 7 alpha-numeric
 - Check digit sum right most character
 - Includes option for State postal abbreviation
 - Example OH43Z71

Data Standards – Location IDs

(continued)

- Location Identification (LID) Number
 - Issued by State or Tribe
 - State postal abbreviation first 2 characters
 - Length: Format
 - 6 or 8 alphanumeric
 - 7 alphanumeric
 - Use check digit for right most character
 - State provides LID to premises repository
 - No producer data



Thank You!



Questions?

