





## Traceability Rulemaking

- Add new animal disease traceability section
- Be outcome-based, focus on tracing capabilities
  - Traceability performance standards
- Apply to livestock moving interstate with exemptions

Safeguarding Animal Health

2

## General Requirements

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



3

## 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.

4

## Official Identification Devices & Methods

- Defined by species
- Methods:
  - Color marking, tattoos, brands
- Devices:
  - Eartags, implants
  - Contain an official animal ID number



## Official Eartags

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

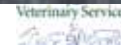


## Official Eartags (continued)

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





Safeguarding Animal Health



7

## Official Eartags (continued)

- Imprinted with
  - U.S. shield 
  - N  **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




Safeguarding Animal Health



8

## Official Eartags (continued)

- Imprinted with
  - U.S. shield 
  - Nationally unique official ID number
- Official animal numbering systems

- Location or flock-based number system



Safeguarding Animal Health



## 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



Safeguarding Animal Health



## Review of Regulation Requirements by Species



Safeguarding Animal Health



11

## Aquaculture

- Aquatic animals are included in the definition of livestock.
- Their inclusion in the traceability regulation will be considered as the National Aquatic Animal Health Plan is implemented.



Safeguarding Animal Health



12

## Captive Cervids

- Traceability regulation will not have any effect on captive cervids.
- Official ID and movement documentation requirements in 9 CFR 81.2, “Identification of deer, elk, and moose in interstate commerce” will be maintained.



Safeguarding Animal Health



13

## Cattle and Bison – Official ID

- Official eartag
- Group/lot ID



### Phased-in approach

- Step I: Foundation
- Step II: Assessment
- Step III: Full Implementation



Safeguarding Animal Health



14

Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Compliance indicators to evaluate success of Step I: <ul style="list-style-type: none"> <li>• 70 percent moving interstate are officially identified</li> </ul>	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemption</b>		
<ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul>		
<b>Exemptions to Official Identification</b>		
<ul style="list-style-type: none"> <li>• Moved as a commuter herd with a copy of the commuter herd agreement.</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle "for slaughter only" animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>- They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		

See page 7 of handout

15

Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Compliance indicators to evaluate success of Step I: <ul style="list-style-type: none"> <li>• 70 percent moving interstate are officially identified</li> </ul>	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemption</b>		
<ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul>		
<b>Exemptions to Official Identification</b>		
<ul style="list-style-type: none"> <li>• Moved as a commuter herd with a copy of the commuter herd agreement.</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle "for slaughter only" animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>- They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		

Unless exempt as provided below, require official ID 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

16



Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Performance indicators to evaluate success of Step I: <ul style="list-style-type: none"> <li>• 70 percent moving interstate are officially identified</li> </ul>	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemption</b>		
<ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul>		
<b>Exemptions to Official Identification</b>		
<ul style="list-style-type: none"> <li>• Moved as a commuter herd with a copy of the commuter herd agreement.</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle “for slaughter only” animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>– They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		

**Initial Exemption:**

- Beef cattle under 18 months of age


<table border="1"> <thead> <tr> <th>Step I – Foundation</th> </tr> </thead> <tbody> <tr> <td>           Unless exempt as provided below, require official identification for:           <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul> </td> </tr> <tr> <td><b>Temporary Exemption</b></td> </tr> <tr> <td> <ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul> </td> </tr> </tbody> </table>	Step I – Foundation	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	<b>Temporary Exemption</b>	<ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul>	<p><b>Exemptions:</b></p> <ul style="list-style-type: none"> <li>• Moved as a commuter herd with a copy of the commuter herd agreement.</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle “for slaughter only” animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>– They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>
Step I – Foundation					
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>					
<b>Temporary Exemption</b>					
<ul style="list-style-type: none"> <li>• Beef cattle under 18 month of age</li> </ul>					

Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Compliance indicators to evaluate success of moving interstate are officially identified	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemption</b> <ul style="list-style-type: none"> <li>• Beef cattle under 18 months of age</li> </ul>	<p>Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age.</p> <p>Compliance indicators to evaluate success of Step I:</p> <ul style="list-style-type: none"> <li>• 70 percent moving interstate are officially identified</li> </ul>	
<ul style="list-style-type: none"> <li>• Moved as a commuted animal</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle "for slaughter only" animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>- They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		

Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison of any age used for rodeo or recreational events</li> <li>• Cattle and bison of any age used for shows or exhibitions</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Compliance indicators to evaluate success of moving interstate are officially identified	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemption</b> <ul style="list-style-type: none"> <li>• Beef cattle under 18 months of age</li> </ul>	<p>APHIS would ask an advisory group to review our data and evaluation for determining that the 70-percent rate of compliance has been attained. The advisory group may also offer recommendations on implementing the phase-in process.</p>	
<ul style="list-style-type: none"> <li>• Moved as a commuted animal</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle "for slaughter only" animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>- They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		


Official Identification		
Step I – Foundation	Step II – Assessment	Step III – Full Implementation
Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All sexually intact cattle and bison 18 months of age or over</li> <li>• Dairy cattle of any age</li> <li>• Cattle and bison for rodeo or</li> <li>• Cattle and bison for shows or</li> </ul>	Assess Step I to determine implementation plan for Step III for beef cattle under 18 months of age. Compliance indicators to evaluate success of Step I:	Unless exempt as provided below, require official identification for: <ul style="list-style-type: none"> <li>• All cattle</li> </ul>
<b>Temporary Exemptions</b> <ul style="list-style-type: none"> <li>• Beef cattle under 18 months of age</li> </ul>		
<b>Exemptions to Official Identification</b> <ul style="list-style-type: none"> <li>• Moved as a commuter herd with a copy of the commuter herd agreement.</li> <li>• Moved directly from a location in one State through another State to a second location in the original State.</li> <li>• Moved interstate directly to an approved tagging site and are officially identified before commingling with cattle and bison from other premises.</li> <li>• Moved between any two States or Tribes with another form of ID as agreed upon by animal health officials in those two States or Tribes.</li> <li>• Moved directly to a recognized slaughtering establishment or directly to no more than one approved livestock facility approved to handle “for slaughter only” animals and then directly to a recognized slaughtering establishment; and               <ul style="list-style-type: none"> <li>– They are moved interstate with a USDA-approved backtag.</li> </ul> </li> </ul>		

21




## 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.



Safeguarding Animal Health



22

## 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.



## 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.



Safeguarding Animal Health



25

## 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 dairy cattle or cattle and bison used for rodeo, exhibition, or recreational purposes.



Safeguarding Animal Health



26

## 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.



## Horses and Other Equine

- Official ID requirements
  - Must be officially identified prior to interstate movement; or
  - If being commercially transported to slaughter, in accordance with 9 CFR part 88.



## ICVI Requirements – Horses and Other Equine

- Must be accompanied by an ICVI or other interstate movement document, as agreed to by the States or Tribes involved in the movement.



## ICVI Requirements – Horses and Other Equine (continued)

- Equines moving commercially to slaughter must be accompanied by documentation in accordance with 9 CFR part 88.
- Equine infectious anemia reactors moving interstate must be accompanied by documentation as required by 9 CFR part 75.



## 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
- ID devices or methods agreed upon by animal health officials in any two States or Tribes that are involved in an interstate movement.





## Poultry (continued)

### Official ID requirements

- Poultry moving interstate must be officially identified prior to interstate movement or as agreed to by the States or Tribes involved in the movement.



## ICVI Requirements – Poultry

- Poultry moved interstate must be accompanied by an ICVI unless:
  - They are from a flock participating in the NPIP and are accompanied by the documentation required under the NPIP regulations for participation in that program.
  - They are moved directly to a recognized slaughtering establishment.



## ICVI Requirements – Poultry

(continued)

- Poultry moved interstate must be accompanied by an ICVI unless:
  - They are moved from the farm of origin for veterinary medical examination, treatment, or diagnostic purposes and either returned to the farm of origin without change in ownership or euthanized and disposed of at the veterinary facility.
  - They are moved directly from one State through another State and back to the original State.



Safeguarding Animal Health



35

## ICVI Requirements – Poultry

(continued)

- Poultry moved interstate must be accompanied by an ICVI unless:
  - They are moved between any two States or Tribes with a VS Form 9-3 or documentation other than an ICVI, as agreed upon by animal health officials in those two States or Tribes.
  - They are moved under permit in accordance with 9 CFR part 82.



Safeguarding Animal Health



36

## 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.



## Traceability Performance Standards

- Support principle of an outcome-based regulation
- Standard process for all States/Tribes
- Measure a desired outcome, not the methods for achieving it
- Focus on tracing animals, not specific disease



Safeguarding Animal Health



## Traceability Performance Standards

#	Action or Activity Being Measured	Performed by	Preliminary Standards
1	Determines the State/Tribe in which the animal was officially identified and notifies that State/Tribe of the reference animal's official ID number	State/Tribe that received the reference animal	95% notification within 1 business day
2	Confirms that it has documentation that an official ID number was issued within its jurisdiction and that it has contact information for the person who received that number	State/Tribe where the reference animal was officially identified	Initial: 75% within 5 business days Future: 95% within 2 business days
3	Determines the State or Tribe from which the animal was moved interstate into its jurisdiction and notifies that State or Tribe of the reference animal's official ID number	State/Tribe that received a reference animal	Initial: 95% within 7 business days Future: 95% within 3 business days
4	Determines the address or location from which the reference animal was shipped	State/Tribe that receives notification that a reference animal moved interstate from its jurisdiction (may be the same State/Tribe in #2)	Initial: 75% within 5 business days Future: 95% within 2 business days

## Traceability Performance Standards

(continued)

### Standard 1

State/Tribe that received the reference animal

- Determines the State/Tribe in which the animal was officially identified and notifies that State/Tribe of the reference animal's official identification number



Safeguarding Animal Health



41

## Traceability Performance Standards

### Standard # 1

State/Tribe that received the reference animal

- Determines the State/Tribe in which the animal was officially identified and notifies that State/Tribe of the reference animal's official identification number

✓ **Animals:**

- Officially identified with official number issued after publication of final rule
- Moved interstate after publication of final rule

42

## Traceability Performance Standards

(continued)

### Standard 2

State/Tribe where the reference animal was officially identified:

- Confirms that it has documentation that an official ID number was issued within its jurisdiction and that it has contact information for the person who received that number



Safeguarding Animal Health



43

## Traceability Performance Standards

(continued)

### Standard 3

The State or Tribe that received the reference animal:

- Notifies the ship from State or Tribe of the reference animal's official number



Safeguarding Animal Health



44

## Traceability Performance Standards

(continued)

### Standard 4

State/Tribe that shipped the reference animal:

- Determines the address or location from which the reference animal was shipped



Safeguarding Animal Health



45

## Traceability Tier Designations

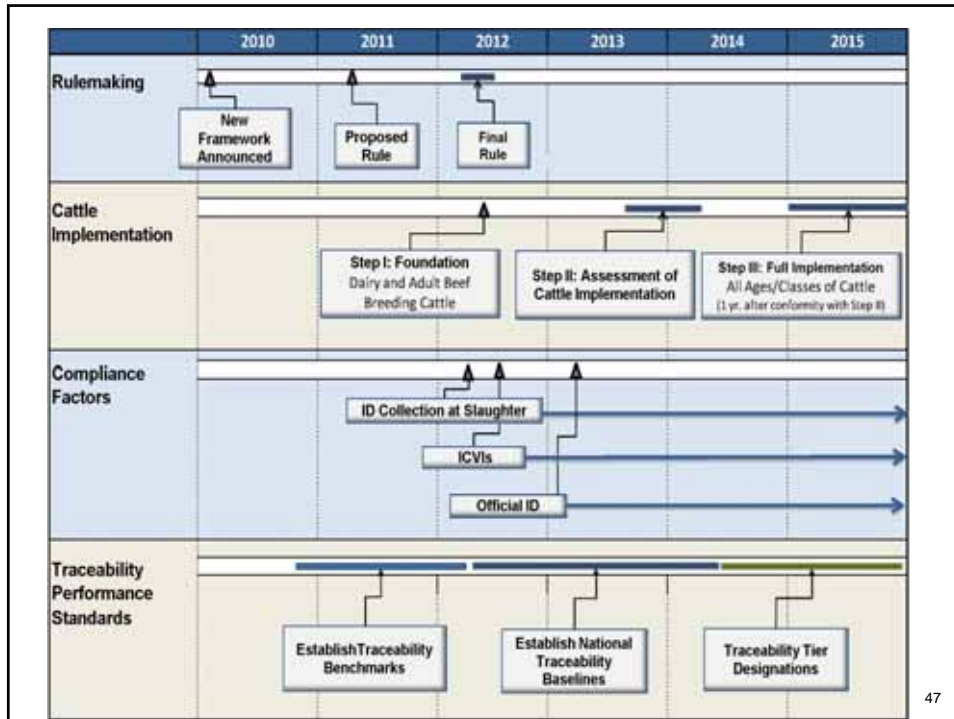
- Tier I
  - Achieved all
- Tier II
  - “Border-line”
  - Corrective actions
- Tier III
  - Short falls
  - Additional requirements




Safeguarding Animal Health




46






## Continued Collaboration

- To facilitate implementation, APHIS intends to consult an advisory group with representatives from APHIS, States, Tribes, and industry.
- The advisory group could offer recommendations on various issues relating to traceability, such as:
  - The phase-in of official identification requirements for cattle and bison;
  - What additional traceability requirements should be applied to States and Tribes that do not meet our proposed performance standards.
  - Feedback on the effectiveness of various elements of the traceability program during the implementation process.



Safeguarding Animal Health



48



# Questions?



Safeguarding Animal Health

