

North American International Animal ID Requirements : Today and after USAIP

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Safeguarding Animal Health

National Animal Identification System Focus and Goal...

Maintaining the **health** of the U.S. herd is the most urgent issue for the industry and animal health officials to address.

The goal of the National Animal Identification System is to have the capability to identify all premises that had direct contact with a foreign animal disease (FAD) within **48 hours** after discovery.”



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Recent Disease Outbreaks

- 1997 Taiwan - 4 million hogs killed (FMD)
- 1998 Netherlands - 11 million hogs killed (CSF)
- 1999 Malaysia - 1 million hogs killed, 256 humans sick and 100 died (Nipah)
- 1990-2001 UK - Mad Cow Disease (BSE) >\$ 3 billion
- 2001 UK - 10 million killed, multiple species \$13B (FMD)
- 2003 USA - Exotic Newcastle Disease (END), \$175 million
- 2003 (May) - Canada – Mad Cow Disease (BSE)
- 2003 (December) - USA – BSE disclosed
- 2004 – HPAI – USA – Texas

Potential Impacts of Introduction of Foreign Animal Diseases

- Destruction of large numbers of animals.
 - Animal welfare impacts
 - Social impacts
 - Environmental impacts
 - Impact on food supply
- Threat to human health if a zoonotic disease is introduced.
- Tremendous economic impact.

Why Is a National Animal Identification System Critical?

- National animal identification will enhance disease response preparedness
- Will reduce the financial and social impacts of animal health incidents
- Will help gain international market access and increase consumer demand
- Will promote continued confidence in US animal products

International Animal Identification Efforts

- Very varied
- Range from paper passports to electronic identification and others.
- Countries in various stages of implementation.

North American Harmonization of Animal Identification Systems

- United States, Canada, Mexico
- CVOs of the three countries agreed to work towards harmonization of animal identification efforts in a recent meeting.
- Creating a trilateral group to work on identification issues.

North American Harmonization of Animal Identification Systems

- Trilateral identification group to:
 - Exchange information about each country's current approach to animal and premises identification and future plans for improvement;
 - Examine issues that may affect the movement of animals between countries and propose solutions;
 - Gain an understanding of the basic animal ID systems of each country to facilitate regionalization efforts when needed.

North American Harmonization of Animal Identification Systems

- Identification group just being formed.
- Progress report expected to be presented to the CVOs of the three countries at USAHA in October 2004.

Current Status of Animal Identification in the US and Initial NAIS Implementation Steps

- \$18.8 million now transferred from USDA's Commodity Credit Corporation to fund the development and implementation of an animal identification system.

Current Status of Animal Identification in the US and Initial NAIS Implementation Steps

- 1st priority to get national premises allocator and repository in place in 2004.
- Educate producers, marketers and processors on premises and livestock number systems, technologies needed, and other aspects of the program.
- Fund cooperative agreements to assist with initial implementation.

Priorities for 2004

- Initial independent assessment of existing premises allocation systems. Premises identification is the foundation for the NAIS.
- To identify, validate, and verify capabilities of these systems, and to determine capacity to serve as a national premises allocator and repository.
- Based on that review, select the most promising infrastructure to fund to develop the national premises allocator and repository.

Cooperative Agreements

- With states, tribes, and certain other entities to assist with getting premises identification systems in place.
 - Would include developing the capacity to interface with the national number allocators and repositories.
- To support initial implementation projects.

Initial Implementation Projects

- Criteria for selection of projects for cooperative agreements being finalized.
- Expect to post announcement on USDA and other websites on or about June 1
- Will accept applications for 45 days



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Initial Implementation Projects

- Current thinking for criteria for selection of projects :
 - Includes a plan for initiating the identification of premises in the state(s), reservations, etc. in which the project is based.
 - Utilizes systems that integrate with and that establishes the necessary data interfaces with the premises allocator, national premises repository, and national ID database.
 - Includes a method for evaluating components of the ID system.
 - Contains an outreach/education program for stakeholders.

Initial Implementation Projects

- Additionally, it is preferred that projects:
 - Have in-kind contributing funds
 - Involve multiple states or tribes that include “grass roots” efforts and engages third party providers.
 - Involve premises and animal ID of multiple species.
 - Provide for the integration of ID methods and technologies best suited for the species and marketplaces.
- Additional input from stakeholders on focus of implementation projects needed is encouraged as specific criteria are finalized.

Selection of Initial Implementation Projects

- Species working groups may identify “gaps” in implementation knowledge that may need to be tested with a project.
- USDA, APHIS, VS is ultimately responsible for the selection of projects that will be funded through cooperative agreements.
 - Selection panel being developed, will likely include at least one state animal health official.

Species Working Groups

- Functioning now, initial reports to be presented at the ID Expo
- To identify production practices, obstacles, and issues that may impact animal identification for their species, and
- To provide appropriate solutions which support and direct the implementation of animal identification in their species.

2005 and beyond

- The President's budget for 2005 requests \$33 million to fund that year's activities for system implementation.
- Plan to continue cooperative agreements so as to expand initial implementation, facilitate tracking of animal movements.