

National Animal Identification System (NAIS)

ID•INFO
EXPO 2005

Current Status on AIN Allocation and Distribution System

Neil Hammerschmidt, NAIS Coordinator





AIN Management System

□ Objective:

To establish an efficient means of providing AIN devices to producers while maintaining data integrity.

...accurate record of all AINs distributed to each premises.



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To establish an efficient means of providing AIN devices to producers while maintaining data integrity.

accurate record of all AINs

Primary “rule” -

- ✓ Entity that has the AIN Tag (device) and provides it to the premises reports the distribution record.**



AIN Management System

Web-based

National Animal Identification System - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Refresh Home Search Favorites

Address http://nais.aphis.usda.gov/ainmngt/processLogin.do

Adobe Y! Search Web Mail My Yahoo! Games Personals HotJobs Music

USDA United States Department of Agriculture
Animal and Plant Health Inspection Service

NATIONAL ANIMAL IDENTIFICATION SYSTEM

User Info
Neil Hammerschmidt
Change Personal Info

Public Tools
List ID Devices

Action Items
Validate PIN/NPN
Request AIN Allocation
Report AIN Shipment
Fix AIN Broken Events
Report AIN Returns

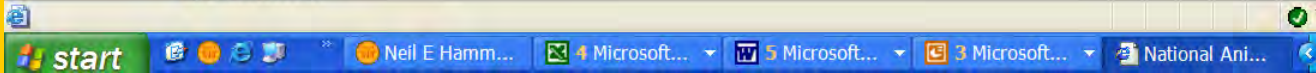
Optional Tasks
Manage AIN Package
Report AIN Distribution

Resource Info
Current AIN Holdings
Lookup AIN History

You are here: AIN Management

The National Animal Identification System (NAIS) is a national program intended to identify specific animals in the United States and record their movement over their lifespans. It is being developed by the U.S. Department of Agriculture (USDA) and State agencies - in cooperation with industry - to enable 48-hour traceback of the movements of any diseased or exposed animal. This will help to ensure rapid disease containment and maximum protection of America's animals.

Version 1.1





AIN Management System

- ❑ Web-based
- ❑ Public “Area”
 - ◆ Listing of authorized ID devices
- ❑ Authorized Users
 - ◆ Tag Manufacturers
 - ◆ Tag Managers
 - ◆ Tag Resellers
 - ◆ State/federal animal health authorities



USDA United States Department of Agriculture
USDA eAuthentication

login : YZ
Password :

Home About eAuthentication Help Contact Us Service Centers

eAuthentication Login

User ID:
Password:

Login

I Want To...

- Change My Password
- Reset My Forgotten Password

Quick Links

- What is an account?
- Create an account
- Update your account
- Link a Certificate to your Account

Administrator Links

- Local Registration Authority Login

AIN Man

Web-based

Public

◆ Listing

Authorized Users

◆ Tag Manufacturers

◆ Tag Managers

◆ Tag Resellers

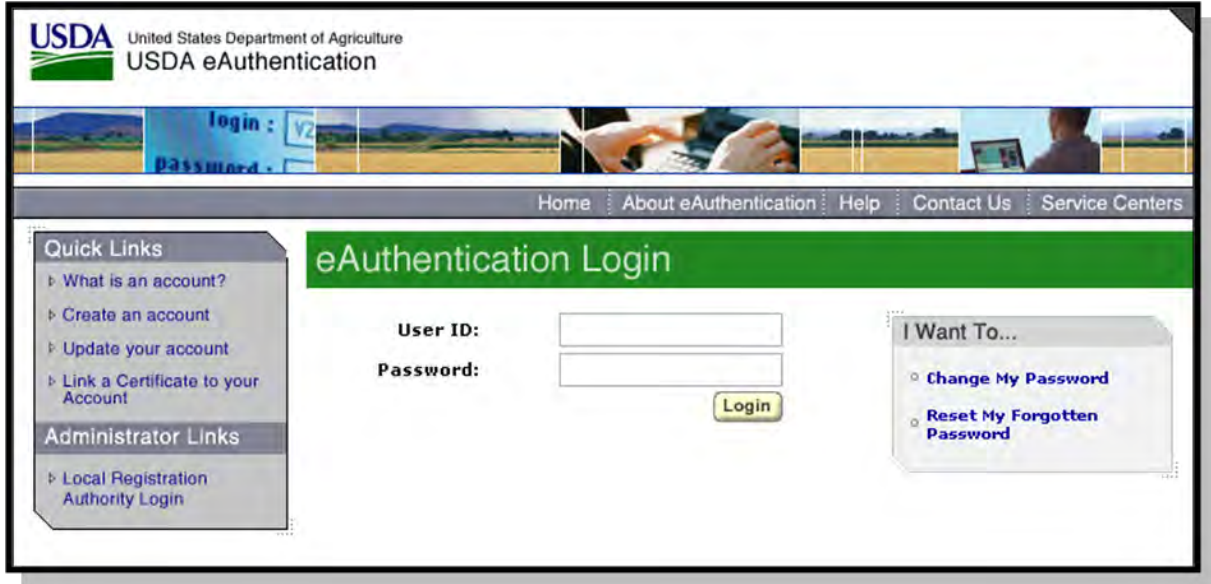
◆ State/federal animal health authorities

Requires Level 2 eAuthentication



eAuthentication

- an identity verification system used by the USDA to provide a single authorization for multiple USDA accounts.



<http://www.eauth.egov.usda.gov>



AIN Management System

- ***Supports administration of the Animal Identification Number (AIN)***
 - ◆ *“840” plus 12*
 - ◆ *Starting with 840 003 000 000 000*

- ***Technology Neutral “compliant”***
 - ◆ *Can support any ID technologies and methods*



So how are official ID devices with the “840” number determined?

- ID technology/methods recommendations from Species WGs/NAIS Subcommittee**
 - ◆ *Performance requirements*
 - ◆ *Technology standards*



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□ ID technology/methods recommendations from Species WGs/NAIS Subcommittee

- ◆ Performance requirements
- ◆ Technology standards

Cattle WG

- Visual
- Tamper evident
- Automated AIN capture as cattle move by in a single file passage moving at 4 mph ...



So how are official ID devices with the “840” number determined?

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- ◆ *Performance requirements*
- ◆ *Technology standards*

Cattle WG
• **RFID: ISO 11784/85
Compliant**



AIN/RF Tags - Cattle

- ❑ Cattle industry recommends ISO 11784 and 11785 compliant radio frequency identification ear tags
- ❑ RF/AIN Tags have 15-digit code printed on the tags
- ❑ Meets minimum requirements
 - ◆ Tamper evident
 - ◆ Number printed on the tag



**840 will replace 982
when AIN
implemented**



How will producers obtain “840” ID tags?



AIN Management System

□ Distribution of AIN/RF Tags

- ◆ USDA Allocates AINs to authorized Tag Manufacturers
- ◆ Producers obtain tags from:
 - AIN Tag Managers
 - AIN Tag Resellers

An entity authorized by APHIS to distribute AIN Tags to a premises.

- Has a marketing agreement with an approved AIN Tag Manufacturer.
- Agrees to validate premises # of tag recipient
- Reports distribution of the AINs

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◆ Uses AINs to authorized Tag
Manufacturers

- ◆ Producers obtain tags from:
 - AIN Tag Managers
 - AIN Tag Reseller

Who are AIN Tag Managers?

- Private companies & service providers
- States/Tribes, AVIC offices
- Breed registries, NDHIA
- Veterinarians

Note: AIN Tag Manufacturers may also be AIN Tag Managers

- ◆ Producers obtain tags from:
 - AIN Tag Managers
 - AIN Tag Reseller



***AIN/RF Tags available this fall for
bison and cattle***

***AIN devices for other livestock as
Species WG reports are received and
reviewed***



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Thank You!

