

Animal ID: Usability, Edits, Corrections and Moving Forward

**Prepared for the
NDHIA Field Service Advisory Committee Meeting
March 3, 2020**

Animal ID

- **What makes a record usable for genetic evaluations?**
 - **Breed code**
 - **Birthdate**
 - **Unique identifier – Registration number, RFID (840), etc.**
 - **Sire ID – we love NAAB codes – long as they cross reference – otherwise sire reg and breed**
 - **Test day before 90 – won't get an index until after 40 DIM**

Animal ID

- **What does the producer get in return for submitting usable records?**
 - **Genetic indexes including parent averages on youngstock**
 - **Any incentives that may be still available from the A.I. groups**
 - **Discounted genomic fees**
 - **Slightly higher reliability on genomic tests**
 - **Building pedigrees for the future**

Animal ID Issues

- **Truncated numbers – first 9 digits of an RFID – a very large group of cows then all have the same number**
- **15 digit RFID expressed as E12345678**
- **840 = USA? 840 <> USA? 124 = CAN**
- **Incorrect sequence**
 - **Starting with wrong number**
 - **Sequential increase by more than 1**

Animal ID

- **How does ATA give preference in reporting**
 - **All numeric id_num – i.e. registration number or American ID**
 - **RFID number**
 - **Metal Tag – 2 numeric, 3 alpha, 4 numeric – 99ABC1234**
- **Second priority goes in the cross reference field**

Animal ID

- **What does ATA store?**
 - **ID_NUM field – registration, American ID, or Metal Tag**
 - **RFID**
 - **RFID Management**
- **When RFID is first entered, we populate both RFID and RFID Management fields**
- **Replaced RFID replaces the RFID management number unless:**
- **Replacement ID comes in the registration field.**

Cow Identification:	Current ID	Previous ID
ID:	HO USA 70059586	
ATA ID Num:	000070059586	
Barn Name:	9654	
Visible ID:	9654	
Heifer Or Milking:	(M) - Milking Herd Animal	
Active:	Yes	
Species:	(0) - Dairy cattle	
Birth Date:	07/24/2012	
Result Of Multiple Birth:	(1) - Single	
Result Of Embryo Transfer:	(0) - Unknown	
Reg Name:		
Reg Status:	50	
Date Last Tested:	12/18/2019	
Dry Donor Status:	No	
XREF ID Number:		
RFID :	840003200773598	
RFID MGMT:	840003201319704	

Here we have a:
registration/American
ID, RFID and a
replacement RFID



Animal ID

- **RFID is not a registration number**
- **It is a country code and a registration number**
- **Where is the country called '982' on the world map?**

Cow Identification:	Current ID	Previous ID
ID:	HO USA 3130641910	
ATA ID Num:	003130641910	
Barn Name:		
Visible ID:		
Heifer Or Milking:	(M) - Milking Herd Animal	
Active:	Yes	
Species:	(0) - Dairy cattle	
Birth Date:	07/15/2015	
Result Of Multiple Birth:	(0) - Unknown	
Result Of Embryo Transfer:		
Reg Name:		
Reg Status:		
Date Last Tested:	02/07/2020	
Dry Donor Status:	No	
XREF ID Number:		
RFID :	840003130641910	
RFID MGMT:	840003130641910	

Last ten digits of
RFID preceded by
USA works



Animal ID

- **What does ATA output sequence**
 - **All numeric id_num – registration or American ID**
 - **RFID**
 - **Metal Tag/NUES – 93ABC1234**

Animal ID

Primary ID

Sire ID

Dam ID

Xref

0F	HOUSA000840003199	HOUSA000072615015		HO840003199770076
0F	HOUSA000840003199	HOUSA000074551023		HO840003199775283
0F	HOUSA000840003199	HOUSA000072615015	HO982000373995629	HO840003199775258
0F	HOUSA000840003199	HOUSA000072615015	HO982000374434574	HO840003199775538
0F	HOUSA000840003199	HOUSA000074072173	HO982000418529684	HO840003199767524
0F	HOUSA000840003199	HOUSA000073752888	HO982000418710046	HO840003199767435
0F	HOUSA000840003199	HO840003126668064	HO982000418353164	HO840003199767571

Animal ID

COW					SIRE		
COW NO.	BIRTH DATE	NAME/EARTAG	IDENTIFICATION	RFID	CODE OR NAME	IDENTIFICATION	
1	2/13/14	5534	XD USA	840003212585906	523JE1222	JE USA 117266452	
2	7/30/17	8072	XX USA	840003145754605	523JE1626	JE	
3	10/21/15	6650	XD USA US0031386	840003135861645	777JE370	JE USA 117168820	
4	1/15/16	6847	XD USA US0031379	840003137902198	535JE41	JE 840 3011610081	
5	9/22/15	6594	XD USA US0031343	840003134327735	501JE777	JE USA 117237247	
6	11/05/13	5341	JE 985	985152007638474	501JE654	JE USA 114581918	
7	12/03/15	6738	XD USA US0031262	840003126226011	501JE777	JE USA 117237247	
8	5/21/14	5686	XD USA US0031262	840003126228674	501JE791	JE USA 117335691	
9	2/25/15	6228	XD USA US0031310	840003131079450	777JE370	JE USA 117168820	
10	4/16/14	5649	JE USA US0031262	840003126228456	200JE9830	JE USA 117335794	
11	5/04/17	7857	JE USA	840003141743368	BULL	JE USA BULL	

Animal ID



ADGA Registration ID – contains breed code and registration number