

Access and Use of Data

Field Service Advisory Committee Meeting
Tuesday, March 5, 2019
San Diego CA

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Data Access and Use and Publication

Updating Release and Use of Records in UoP

Food Pantry Model

- Provide food (*data*) for a benefit
- Herd Data is to “*feed*” data access and benefit to herds, owners and operators

Data Access and Use and Publication

Updating Release and Use of Records in UoP

Food Pantry Model

- Food (data) from pantry is accessed and used for a benefit to contributors and feed a group by making a meal
- Not to distribute or sell the food before feeding the group

Data Access and Use and Publication

- Access and Use
- Know where and how data are being used
- Regulatory and administrative and legal points as solid as possible
- Topic is complicated by on-farm software and equipment manufacturers and data agreements, VULAs, EULAs.....

Data Access and Use and Publication

- **Herd codes** as important
 - Everybody and every little yellow dog assigning
 - Bring back to NDHIA managing database for validation and assignment

Data Access and Use and Publication

Portals for Herd Code plus

Use Code and Publication

- Call with CDCB staff week of March 20th
- Meet with DRPCs April 9th
- Programming and testing in place for both Herd Code management and Access and Use portal by May 1st
- June 1st ready to use in normal process

Data Access and Use and Publication

- Probably some concerns in the industry
- DHI population (quantity) compared to other populations or sub-populations
 - 90% plus compared to 10%

Collaborate
Credibility
Connectivity

Access and Use – Publication

Yes	No
<p>Selecting YES as the Publication option <i>would allow publication of data</i> on a local, state, regional and national level. Herd data will be available for newsletters, awards and other types of recognition lists and programs.</p> <p>Herd data will be contributed and flow based on the herd selection for Data Access and Use (codes 1, 2, 3)</p> <p>The YES Publication (and Data Access and Use Code 2 or 3) would be selected by herds desiring animal's genetic results to be included in files and lists distributed within the industry. This would include breed associations, AI organizations and Embryo Transfer organizations.</p> <p>The YES Publication is recommended as the default.</p>	<p>Selecting NO as the Publication option <i>would not allow publication of data</i> on a local, state, regional and national level.</p> <p>Herd data will be contributed and flow based on the herd selection for Data Access and Use (codes 1, 2, 3)</p> <p>The NO Publication (and Data Access and Use Code 2 or 3) would be selected by herds desiring an animal's genetic results only available to DHI, CDCB and USDA-ARS-AGIL. This distribution would be only in the DHI system to the herd and not to or by other allied industry cooperators.</p> <p>The NO Publication is for herds with objection to publication of farm or animal information due to social and personal concerns.</p>

Access and Use

Access Level	Organizations	Uses	Access
NCDB and Industry Research Code = 3	Industry and Research	National Genetic Evaluations National DHI Management Summaries and Benchmarks	Data are available for qualified industry research. Data are included in automated transfers between industry partners.
NCDB and CDCB <i>Recommended Default</i> Code = 2	CDCB and Approved Parties	National Genetic Evaluations National DHI Management Summaries and Benchmarks	Internal CDCB research. External data requests are excluded unless covered by Material License Agreement.
Management Code = 1	DHI system only <ul style="list-style-type: none"> • Field Service • Lab • DRPC • On-farm software 	DHI system only	Data resides in DHI system only and can be used to create new management tools. Herds can grant consultant access with written release.

Access and Use

Access Level	Organizations	Publication – YES [Recommended Default]	Publication – NO
NCDB and Industry Research Code = 3	Industry and Research		
NCDB and CDCB <i>[Recommended Default]</i> Code = 2	CDCB and Approved Parties		
Management Code = 1	DHI system only <ul style="list-style-type: none"> • Field Service • Lab • DRPC • On-farm software 		

Access and Use

Access Level	Organizations	Publication – YES [Recommended Default]	Publication – NO
NCDB and Industry Research Code = 3	Industry and Research		
NCDB and CDCB <i>[Recommended Default]</i> Code = 2	CDCB and Approved Parties	✓	
Management Code = 1	DHI system only <ul style="list-style-type: none"> • Field Service • Lab • DRPC • On-farm software 		

Access and Use

Access Level	Organizations	Publication – YES [Recommended Default]	Publication – NO
NCDB and Industry Research Code = 3	Industry and Research		
NCDB and CDCB <i>[Recommended Default]</i> Code = 2	CDCB and Approved Parties		✓
Management Code = 1	DHI system only <ul style="list-style-type: none"> • Field Service • Lab • DRPC • On-farm software 		

3. Access and Use

Access Level	Organizations	Publication – YES [Recommended Default]	Publication – NO
NCDB and Industry Research Code = 3	Industry and Research		
NCDB and CDCB <i>[Recommended Default]</i> Code = 2	CDCB and Approved Parties		
Management Code = 1	DHI system only <ul style="list-style-type: none"> • Field Service • Lab • DRPC • On-farm software 	✓	

Data Access and Use-In Process

- Area and topic is complicated by on-farm software and equipment manufacturers and data agreements, EULAs, charters etc, but keep it focused and simple
- Agree and have indication of Access and Use, Publication from herd by DHI Service Providers with distribution of updated Uniform Operating Agreements

**Cooperative effort for the benefit
of dairy herds and their data**

The Challenge for DHI

Adapting and positioning for the future

- *Need to start (and have) **NOW** on opportunities*
- ***Key part** of the service and delivery of DHI*
- *Challenges are global so **solutions for investment** are global*
- ***Complex but take one or two items** to solve at a time*
- ***Key** in the efforts for **DHI and dairy herds***

Questions?

