

Understanding the National Dairy Herd Improvement Program

Uniform Operating Procedures (Code of Ethics & Uniform Data Collection Procedures)



April 2014

Revisions to the UOP

- ▶ **Uniform Operating Procedures** was last reviewed in 2002 and is currently made up of:
 - **Code of Ethics**
 - **Uniform Data Collection Procedures**
 - **Records Disclosure Policy**
- ▶ **The Records Disclosure Policy** will be moved into a separate document and reviewed by the Release & Use of Records Task Force in 2014
- ▶ **Revisions were made to Code of Ethics & Uniform Data Collection Procedures** by the UOP Task Force

Uniform Operating Procedures

```
graph TD; A[Uniform Operating Procedures] --> B[Code of Ethics]; A --> C[Uniform Data Collection Procedures];
```

Code of Ethics

**Uniform Data
Collection Procedures**

Revised and Adopted by National DHIA Board of Directors on March 9, 2014

Effective June 1, 2014

Scope of 2014 Revisions

The Task Force focused on:

- Uniformity in DHI data and programs
- Relevance to today's DHI program
- Inclusion of new technology and data
 - Organization and program needs
 - Electronic identification
 - Automatic milking systems and newer recording devices
 - Health and diagnostic screening data

Code of Ethics

The *Code of Ethics* provides guidelines for appropriate conduct in the production, collection, and distribution of DHI information for all individuals and organizations involved with these data.

Unethical Procedures

- A. Impairing the reliability of DHI data.
- B. Not cooperating or interfering in the use of the *Uniform Data Collection Procedures* to record DHI data.
- C. Intentionally providing inaccurate data or withholding necessary data resulting in misrepresentation of DHI information.

Unethical Procedures

- D. Engaging in management practices with the intent of misrepresenting the performance of individual animals and/or the herd.**
- Are the movement of animals between herds,
 - Influencing the relative performance of herd mates, and/or
 - Selective use of management techniques in an effort to bias DHI data.
- E. Permitting the collection of supervised data by a technician with a direct financial or family interest in the herd being tested without notification to and consultation with the field service auditor.**

Uniform Data Collection Procedures

The purpose of these procedures is to provide the framework for a uniform, accurate system that will enhance data reliability.

The data are used for



Dairy Management Decisions

Genetic Evaluations

Education & Research

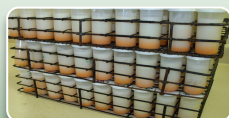
**Promotion &
Sales**

DHI Service Providers

DHI Service Providers, DHI personnel, and dairy herd owners and their employees are responsible for adherence to the UOP.



Field Service Providers



Laboratories



Meter Centers

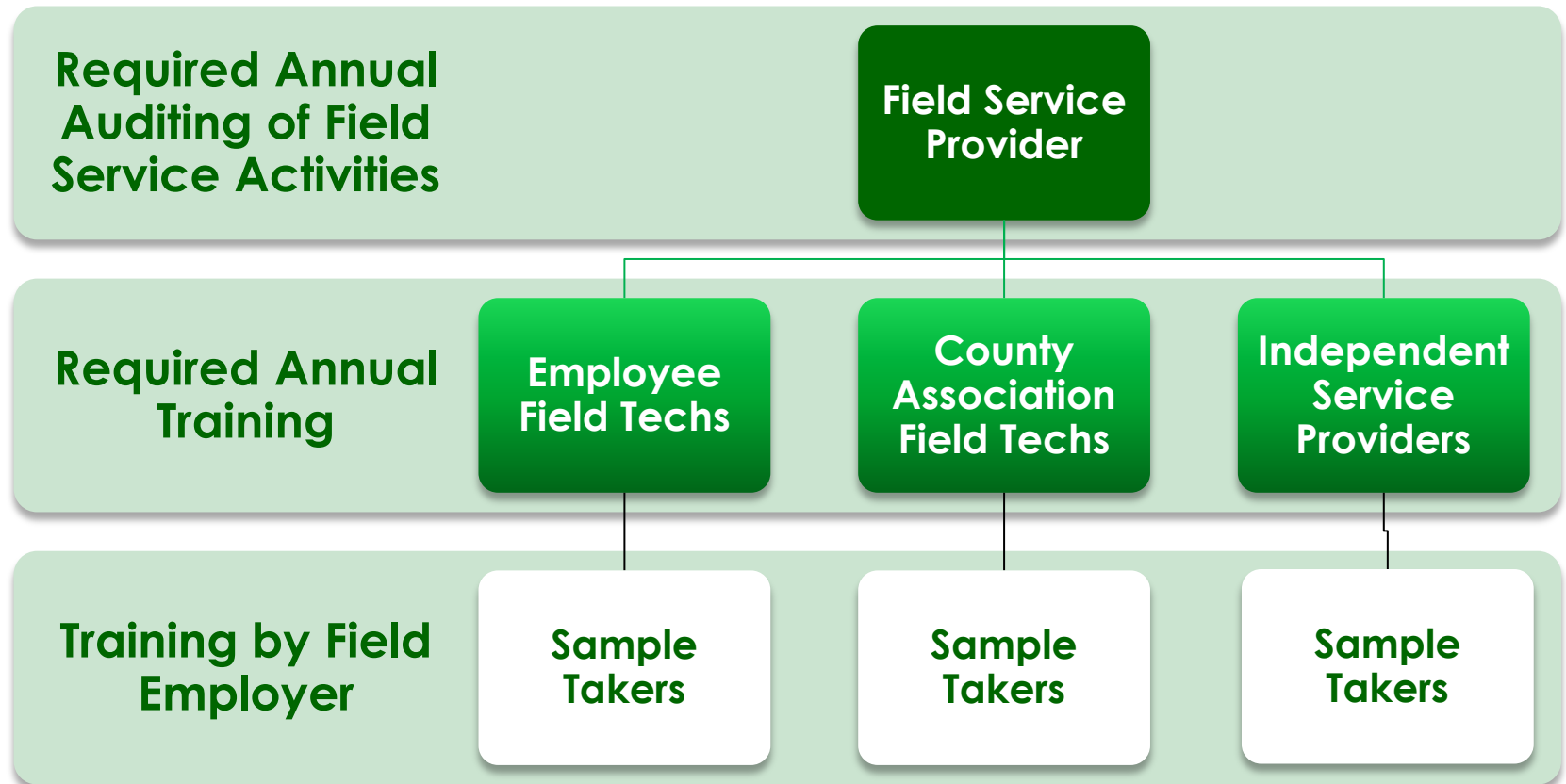


Meter Technicians



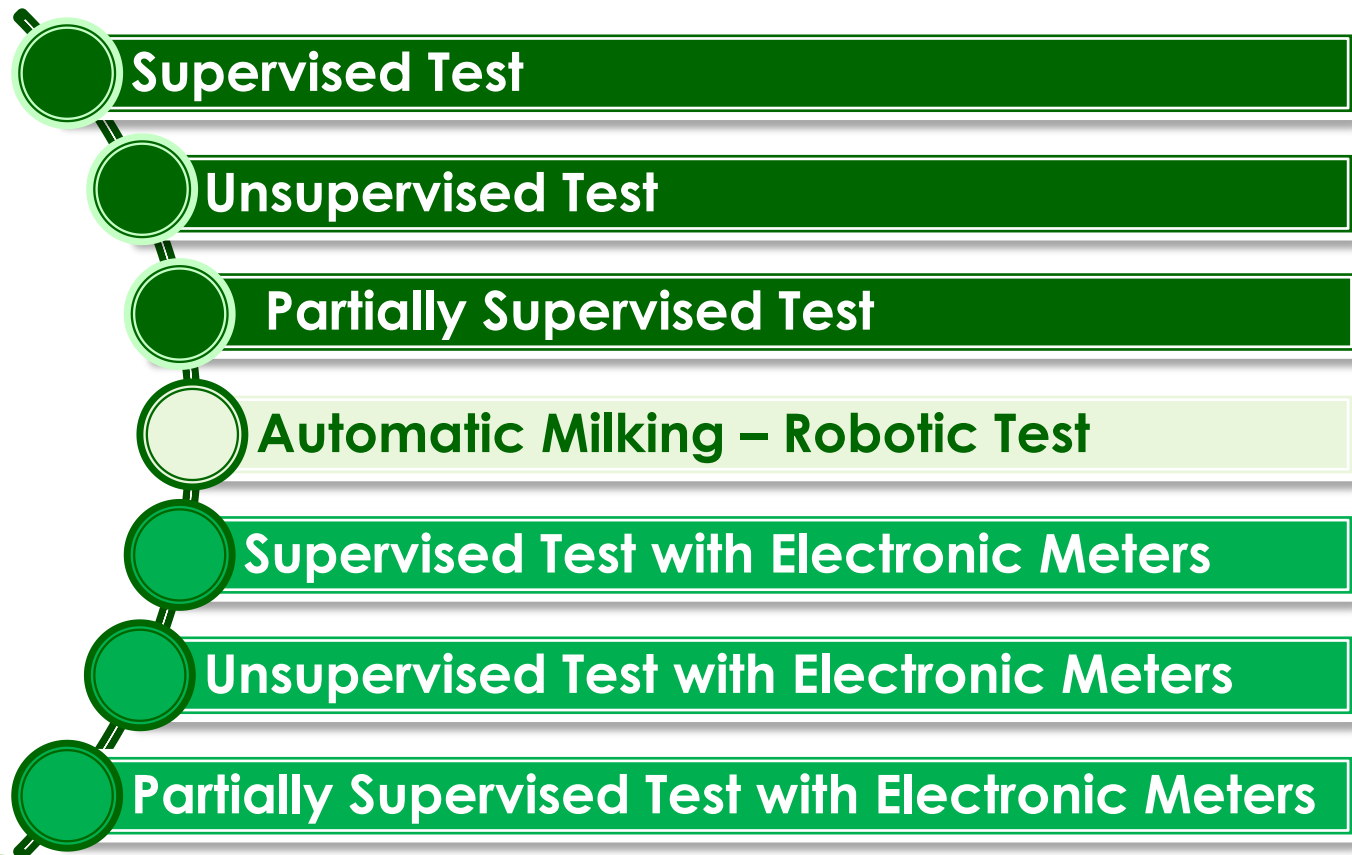
Dairy Records Processing Centers

DHI Technicians & Sample Takers



Data Collection Procedures

Proper Collection of Milk Weights & Samples



Standard Equipment

- Portable Meters
- Scales
- Weigh Jars
- Electronic Meters

DHI Field Service Equipment

Dairy Producer Equipment

Must be:

- Approved Model
- Includes Meter, Sampler, and Software
- Calibrated Annually
- Marked with Calibration Tag

Approved Test Plans

Sampling Protocol	Supervised DHI		Supervised DHIR		Unsupervised		Supervised Commercial		
	Supervised DHI test conducted by certified field tech/rep		Supervised DHI test conducted by certified field tech/rep plus adherence to breed association rules		Dairy producer weighs and samples milk on test day		DHI field tech weighs and samples milk, but certain aspects of the uniform operating procedures are not followed		
All milkings weighed & sampled on test day	DHI	00	DHIR	20	DHI-OS	40	DHI-COMM	70	
Less than all milkings weighed & sampled on test day	DHI-AP	31	DHIR-AP	23	DHI-OS-AP	41	DHI-COMM-AP	71	
All milkings weighed & less than all milkings sampled on test day	DHI-APCS	02	DHIR-APCS	22	DHI-OS-APCS	42	DHI-COMM-APCS	72	
All milkings weighed, but no samples taken on test day	DHI-MO	33	----		DHI-OS-MO	43	DHI-COMM-MO	73	
Less than all milkings weighed & no samples taken on test day	DHI-MO-AP	34	----		DHI-OS-MO-AP	44	DHI-COMM-MO-AP	74	
All milkings weighed, but no samples taken on test day – breed or bulk tank average used	----		----		DHI-OS-AC	45	----		
Less than all milkings weighed, but no samples taken on test day – breed or bulk tank average used	----		----		DHI-OS-APAC	46	----		

Data Collection Standards

**Must test all cows
in the herd.**

**Cows must be
visually identified
with permanent
identification
number or
registration
number.**

**Milk shipped
(also known as
bulk tank
measurements)
totals must be
reported.**

Data Collection Standards

Fresh Cows

- Cows fresh four or more days beginning the evening milking of the fourth day after calving or the morning of the fifth day for AM-PM herds

Dry Cows

- The dry date is the 1st calendar day the cow is not milked.

Cows Leaving the Herd

- Last calendar day cow was in the herd.

Cows entering herd

- Calendar day following the last day of credits in former herd.

Data Collection Standards

Sick Cows

- Actual production recorded and coded as abnormal (CAR Code)
- Cow's record will be adjusted accordingly.

Data Collection Standards

Code aborted cows

- If carried calf less than 152 days record will continue.
- New lactation if calf was carried 152 days or longer.

Cows calving without going dry

- Record ends on day prior to calving.
- New lactation begins on calving date.

Prepartum milk is not counted.

Data Collection Standards

All estimates for missing milk weights and sample component results are done by the DRPC.

Transfers between field service providers must be completed within 15 days

Transfers between DRPC must be completed within 48 hours

Adjustment of Milk Weights to a Verifiable Source

- If the DHI Field Service Provider has verifiable source for both milk shipped and milk not shipped, the test day milk weights are adjusted at the herd level to sum of both milk shipped and milk not shipped.

**Milk Shipped
and Not
Shipped Known**

Only Know Milk Shipped

- If the DHI Field Service Provider has verifiable source for milk shipped but cannot account for milk not shipped, the test day milk weights are adjusted at the herd level to 102.8% of the milk shipped weights.

- In the absence of both milk shipped and milk not shipped, the DHI Field Service Provider shall not adjust the test day milk weights. The normal application of both the 24-hour adjustment and AM/PM adjustment factors by the DRPC shall apply.

No Information

Automatic Milking Systems

Data obtained from automatic milking system software may not be used in genetic evaluations unless the system meets National DHIA/Quality Certification Services standards

- Test day milk weights will be obtained as 24-hour yield obtained from the automatic (robotic) milking system software. The average 24-hour milk yield reported should represent a minimum of three consecutive days and not to exceed ten consecutive days.
- Milk samples shall be obtained using National DHIA accepted sampling devices for one of the milkings during the test day. There will be no application of AM/PM factors on milk samples.

Data Collection Rating

Test Plan	Daily	10 day LER	5 day LER	Supervised All	Supervised 2 of 3	Supervised 1 of 2	Supervised 1 of 3	Unsupervised All	Unsupervised 2 of 3	Unsupervised 1 of 2	Unsupervised 1 of 3
Test Days per Year	305	100	50	10	10	10	10	10	10	10	10
Weight (%)	100	99	98	95	92	89	83	66	64	63	60
DCR	104	104	103	100	97	95	90	75	73	72	69