

# Milk Recording Guidelines 2016

## New Standards for a New Era



## Dairy Cattle Milk Recording Working Group

*Juho Kyntäjä, P. Bucek, K. Zottl, C. Trejo, F. Miglior, H. Leclerc,  
J. van der Westhuizen, K. Kuwan, Y. Lavon, K. Haase*

# Variety of recording situations



THE GLOBAL STANDARD  
FOR LIVESTOCK DATA

**ICAR**  
Chile 2016

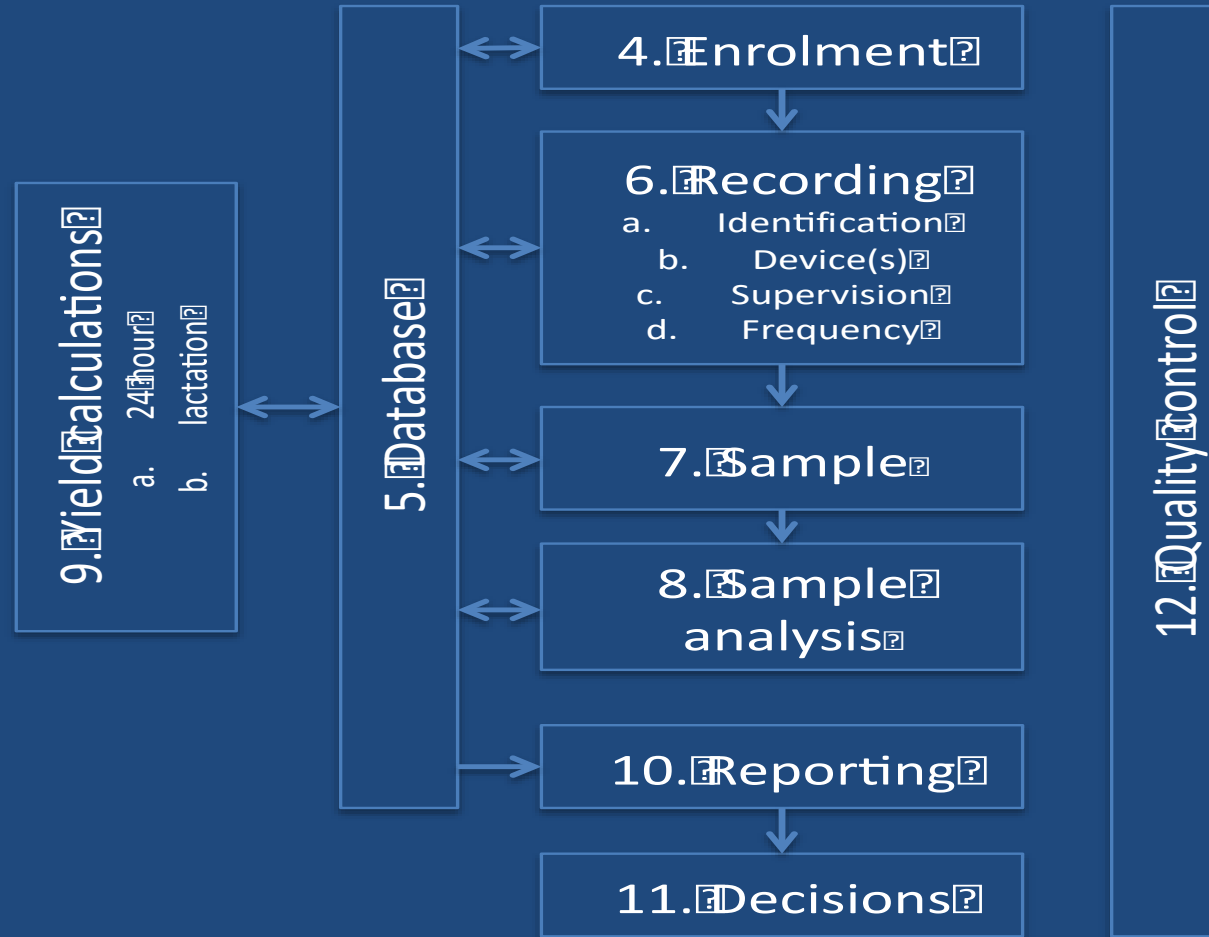
# Variety of expressions



- Definitions
  - Milk Recording/ DHI
  - Recording/ Testing
  - Vial/ Bottle



# The scope of ICAR Guidelines section 2.1



# The New Guidelines - Structure



- Recording
  - Traditional milking
  - Robotic milking
  - Automatic recording
- Database
- Yield calculations
- Reporting
- Quality Control

# Recording



- Who can record?
- Who is recorded?
- ID: cow, herd, sample
- Combining milk weights with samples
- What is recorded?
- Recording method expressions

# Sampling schemes

Sampling scheme	Milkings sampled	Milkings recorded	Description
P	2	2	Proportional sample
E	2	2	Equal sample from each milking
M	2	2	Multiple separate samples
Z	1	≥ 2	One-milking sampling with several milk weights
T	1	1	Alternate one-milking recording
C	1	1	One-milking recording, always the same milking
I	Continuous analyser, no sampling		

# Recording continued...



- Data from electronic milk meters
  - Parlours
  - Robots
- Automatic recording systems
- Sampling



# Database & Yield Calculation



- Data & Data checks
- Automatic recording systems
- 24-hour yield
- Accumulated yield
- Approval of new methods

# Reporting & Decisions



- Reporting
- Access to data
- Definition of key figures
  - Example: Average yield of a herd
- Decisions based on MR figures

# Quality Control



- Bulk tank comparison
- Supervised recording
- Data quality evaluation

