



Herd Testing in the United States

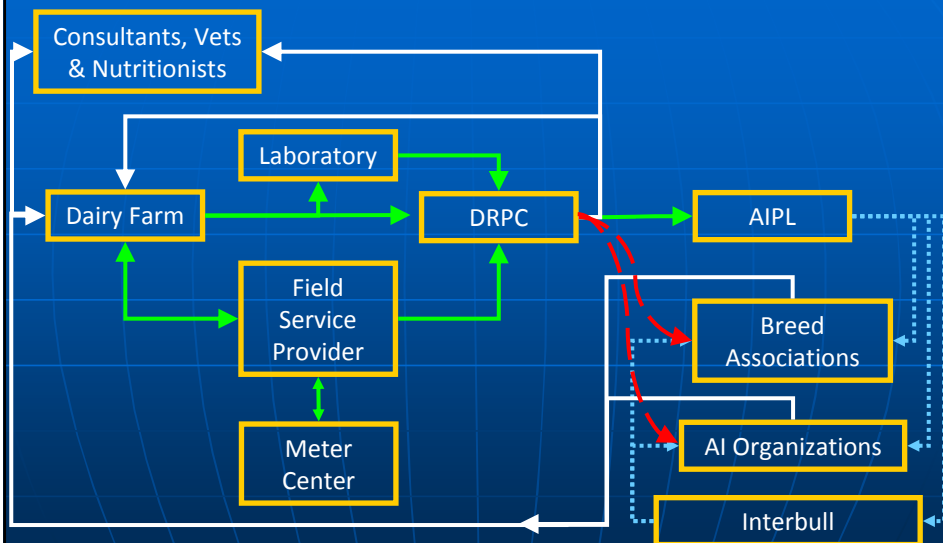
DHI Managers Session
36th ICAR Session

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Sievert, 2008 ICAR, DHI Manager's Session, 1

Overview of Herd Testing In the U.S.



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Quality Certification in the United States

- *Program is user-driven*
 - Guidelines developed by service providers
 - Review and recommendation by Audit Review Committee
 - Approval by Council on Dairy Cattle Breeding (Records Providers, Breed Associations and A.I. Organizations)
- *Administered by Quality Certification Services, Inc.*
 - Specific auditors for each service area
 - Serve as compliance auditor and educational resource

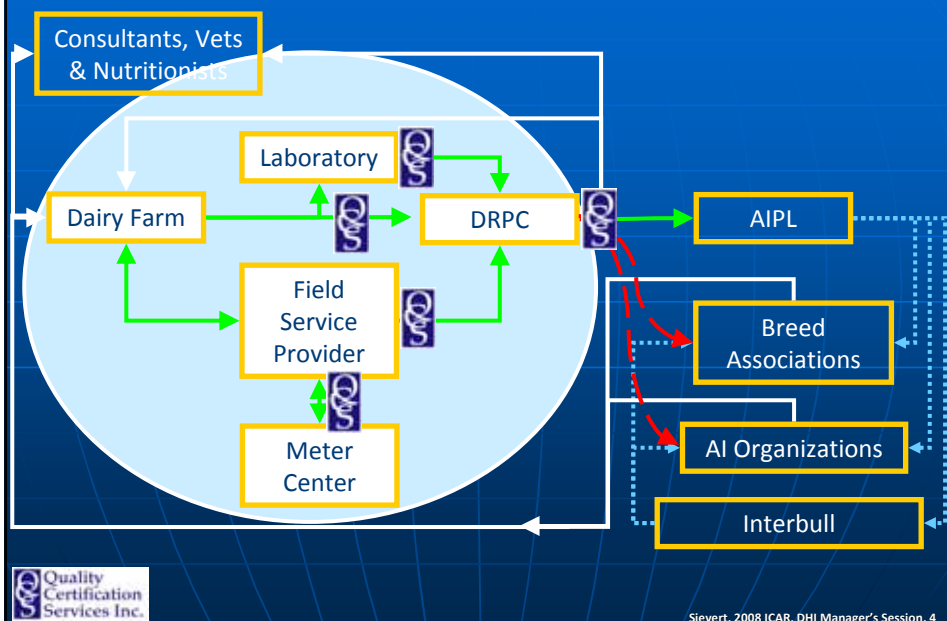
Our Mission

Provide a reliable source of information to people interested in the U.S. dairy records industry



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Assuring Data Accuracy is the Role of QCS



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Field Service Providers



27 Field Service Providers in the U.S.

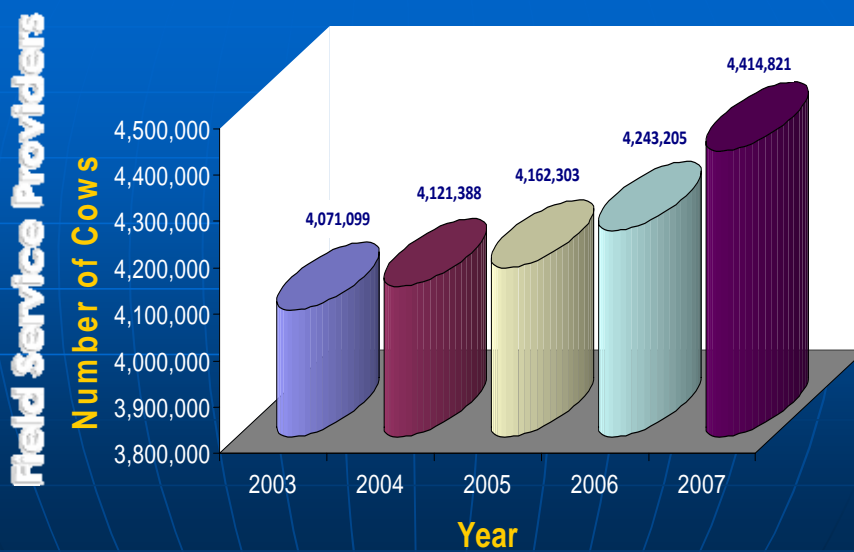
Field Service Providers

- *Wide range of ownership or management*
 - Private testing businesses
 - Federated associations
 - Vertically integrated organizations
 - Non-profit organizations and for-profit businesses
- *Working with 3,018 Field Technicians*
 - Employee Field Technicians
 - Employees of County Testing Organizations
 - Independent Milk Testers/Testing Organizations

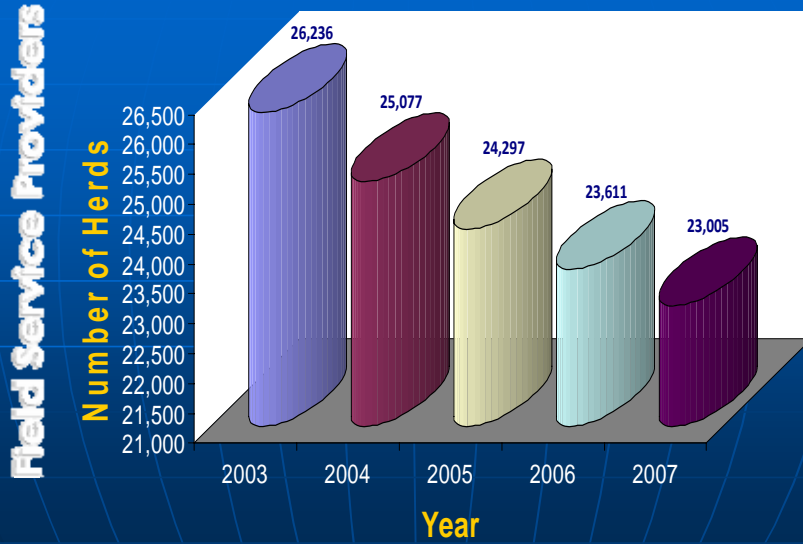
Certified Field Service Affiliates



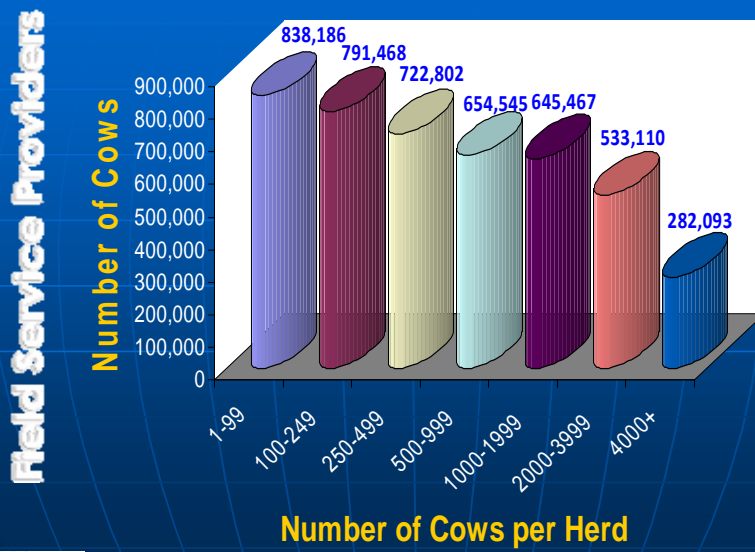
Continued Growth in Cows on DHI Programs



Though Herds on DHI Programs Declined



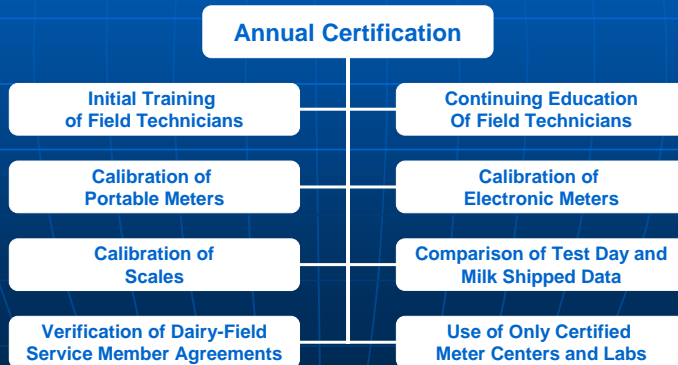
DHI Programs for Herds of Any Size



Certification of Field Service Providers

Field Service Providers

- Guidelines developed by DHI Managers
- Certification program administered by QCS
 - Annual Certification – alternating on and off site
 - Education resource for all providers



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Meter Centers & Technicians



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Calibration of Milk Meters a Priority

- 45 Certified Meter Centers in the U.S.
- 92 Certified Meter Technicians calibrating
 - 108,139 Portable Meters annually
 - Tru-Test, Waikato, Foss and TeSa meters

Three Components of Certification

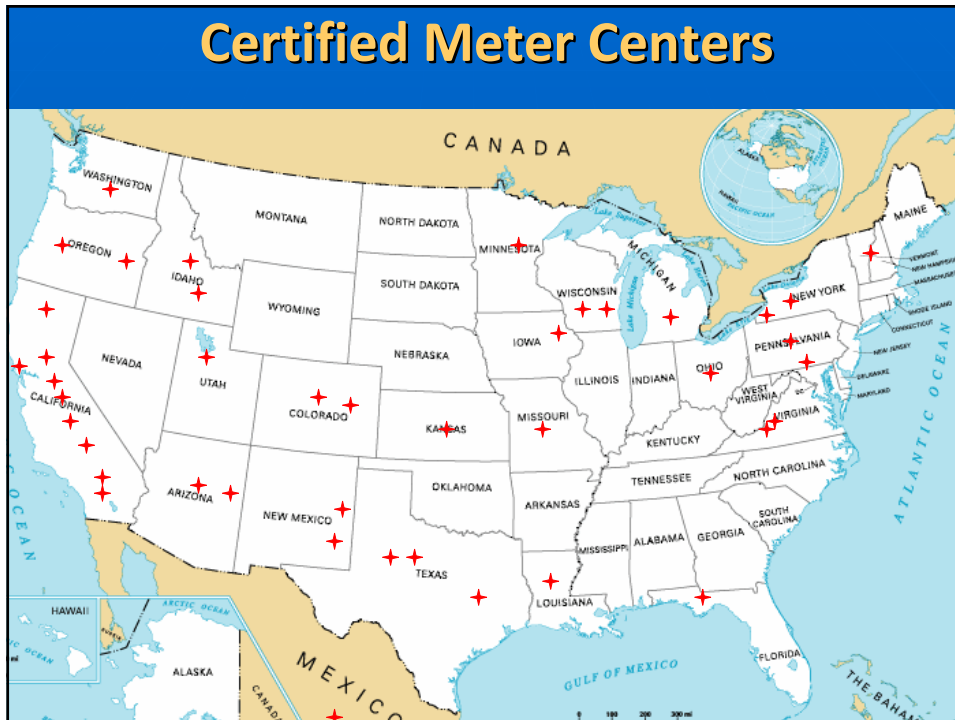
Biennial On-Site
Meter Center Audit

Biennial On-Site
Meter Technician Audit

Meter Technician Training School
Once Every Five Years



Certified Meter Centers





49 DHI Laboratories in the U.S. and Mexico

- *Varying business structures*
 - County DHI laboratories
 - Privately held laboratories
 - Labs operating as part of integrated field service provider

- *Offering varying services*
 - DHI component testing only
 - Analysis of DHI and payment samples
 - MUN testing (29 labs)
 - ELISA testing of milk samples (7 labs)
 - Microbiology services

Certified Laboratories



49 DHI Laboratories in the U.S. and Mexico

- *Sample analysis includes*
 - 4.7 million milk samples monthly (2-year mean)
 - Smallest lab analyzes 16,000 samples per month
 - Largest lab analyzes 410,000 samples per month

Laboratories

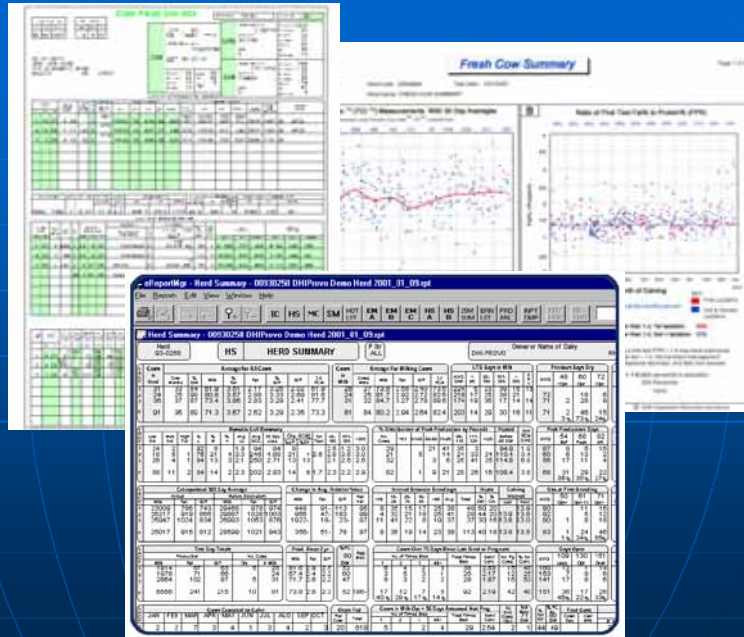
Two Components
of Certification

Biennial On-Site Audit

Monthly Samples
Unknown Analysis



Dairy Records Processing Centers



Handling the Data

Dairy Records Processing Centers

- *Four Records Processing Centers in the U.S.*
 - Process monthly DHI data for herds on both Official and Management Programs
 - Provide technical training for field service providers and field technicians

Two Components of Certification

Annual Off-Site Audit

Monthly Test Herd Processing

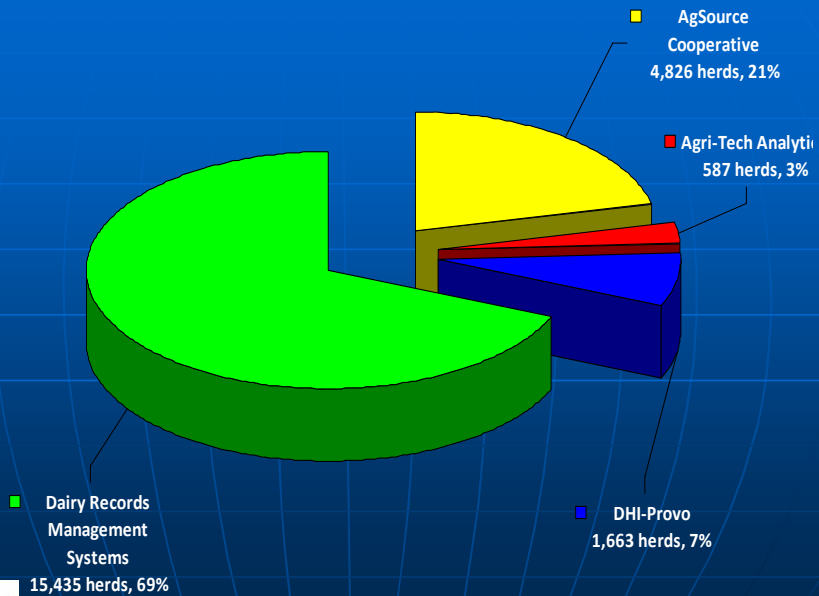


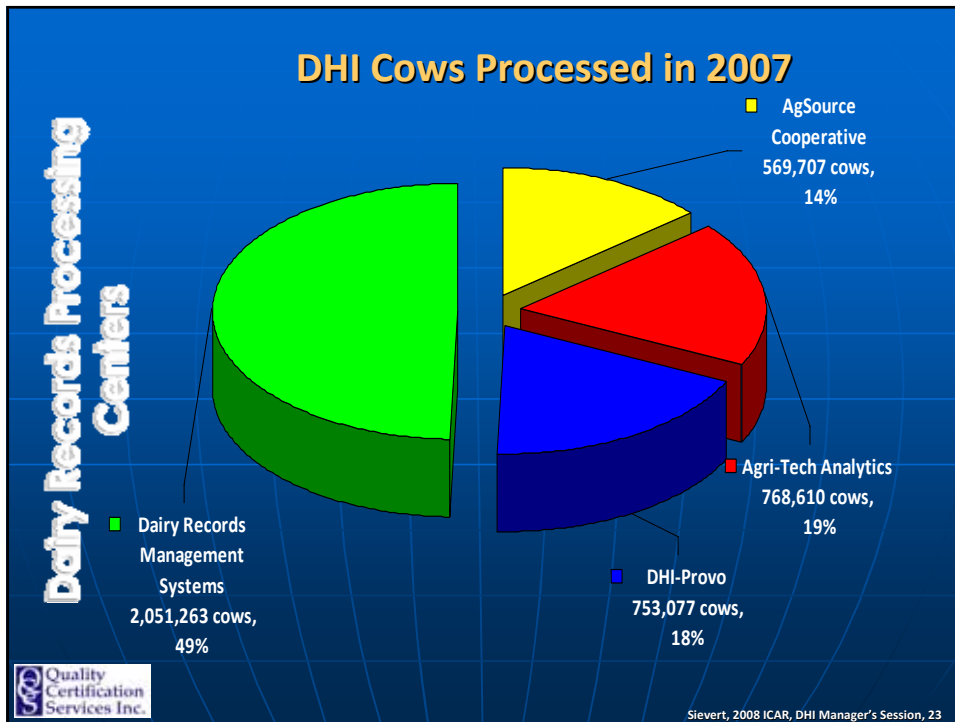
Dairy Records Processing Centers



DHI Herds Processed in 2007

Dairy Records Processing Centers





The Dynamic Nature of Herd Testing in the U.S.



- *Vibrant and Growing*
- *Competitive and Service Driven*
- *Committed to Accurate Data*
- *Employs Thousands of Talented People*
- *Programs for Herds of All Sizes*
- *Developing New Services & Programs*