

DHI Test Day's Status Quo Changing – Integrating Handheld Computers and RFID Technology

2008 ICAR Meeting
Niagara Falls, New York
NADMA Session

Where we were

- Barnsheets
 - Dairy size
 - Milking speed
 - Size of the barn
 - Number of milkings tested



Just in the last 20 years

- Laptops in the barn
 - acceptance/resistance to new technology
 - challenges in the barn
 - "Can never go back"



Procedures of the Present - Scanning RFID tags on test day





Recording Milk Weights with Pocket DHI-PLUS software





Pocket DHI-PLUS Opening Screen



- Cow Display
- Task List
- Reports

Positives

- Will not lose data
- No transposing of cow id's
- Data automatically moves into software when docked with laptop
- Can use multiple devices in the same barn
- Software runs on several different mobile devices
- Works with several different wands

Challenges

- Style of the barn
 - Flat barn
- Battery life on devices
- Continuously changing OS on mobile devices