

Practical Use of Electronic RFID for Daily Chores and DHIA

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RFID

Radio

Frequency

Identification



DRMS Pilot Project with Hershey Dairy Farm and Lancaster DHIA

October 2004





March-October 2005

PA Department of Agriculture tagging project

50,000 cows tagged



Tackling the project











The
Taggers





The
Tads



Alflex



Half-Duplex

New RF ID Scanned

Scanned RF ID

982000000233482

Change from

ID 875.....**TORMEY**

New Cow/H

Current RF ID is

982000023266096

Premises 003K4EQ.....▼

Press 'OK' to change

Edit 'ID' to assign to a different animal.

Cancel

OK

RF ID List Screen



Ag InfoLink

**THE
READERS**

BT3

IDology



Lightning rods

Lookup

QuickView

PickList

To Calve

Heats

To Dry

Fresh

Bluetooth Serial Port



Connecting...

Cancel

A handheld electronic device, possibly a depth gauge or level, with a yellow body and black handle. The device features a digital display showing '50.000-57.000.786' and '1051.103H 5000'. It has a green button and a red button on the black handle. The device is resting on a wooden surface.



Guaranteed for up to 10 years when used for
storage of materials in accordance with the instructions

Herd Management



Inventory

Culling and Dry Off

Parlor ID

BST

Repro Check

Test Day

Health input

Automatic Scales

Cow

123

Gp

3

Cows For Reproductive Ch **PREG**

Lkup

B

R

H

Cv

HHist

Menu

palm

Stk Cow

123

Select

20

30

40

50

60

70

90

Code ▼ 76 MLVC ML VACCINE

Date 01/26/06

Today

Hoof

☒ No Treat

☐ Hospital

☐ Treat

☐ Retreat

Rem BOVASHIELD

Keys

Review Hlth Input

Esc

Clr

B

R

L

D

Pick

M

Done







Advantages for DHIA testing

1. Parlor Management on DHIA test day can be done with more efficiency plus accuracy by clearer identification
2. Be able to use less labor for larger dairies

Disadvantage for DHIA testing

1. Need to be willing to risk losing all data if handheld device fails

L01

6

54%

I K



13507

2466

2445

2546

94956

2524

=====

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=====

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Milk

Samp Batch# CAR

Thank you
&
Questions?

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