

CHANGING WITH THE TIMES: BRINGING CONSISTENCY, COMPUTERS, AND CALCULATIONS TO DAIRY FARM INSPECTIONS

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DATCP OVERVIEW

- 21 Dairy Sanitarians statewide
 - Inspect dairy plants, farms, haulers, tankers
- 6 Dairy Technical Specialists
 - Plan reviews, time & seal pasteurizers
- 5 Milk Safety Rating Officers (MSRO)
 - Federal
- 3 Lab Evaluation Officers
- 2 Graders
 - Butter, cheese, eggs



DATCP OVERVIEW - CONTINUED

- 7900 Farms
- 95 Grade A plants/receiving stations
- 392 Manufactured grade plants
- 2749 BMWWS
- 3077 Permitted Tankers



CONSISTENCY CONCERNS

- Across our state
 - Previous inspector and current inspector
 - 3 Supervisor groups
 - Regulatory and Survey
- Across agencies
 - WDATCP and FDA (Dairy and Manufactured)
 - WDATCP and WDNR

FARM INSPECTION STATISTICS FOR 3 SUPERVISOR GROUPS

Total Averages	Jim's Staff	Tyson's Staff	Jackie's Staff	Total
Routine Inspections	10503	8439	10216	29158
Milking Time Inspections	9.34%	15.83%	11.24%	12.14%
No Debits	13.45%	16.98%	14.31%	14.91%
Notice of Re-Inspection	12.32%	8.69%	12.74%	11.25%

WDATECP, STATE SURVEY AND FDA

■ BTU Failure vs re-inspection rates

- FDA check rating 9.4%
- WI survey 9.5%
- Regulatory 11.25 %

Plant Failure vs re-inspection rates

- 10%
- 16.7%
- 4%

TOP 10 DEBITS: #10

Cows

Abnormal Milk:

DEBIT #03

- Proper care of abnormal milk handling equipment



TOP 10 DEBITS: #9

Milkhouse or Room

Floors:

DEBIT #16

- Smooth; concrete or other impervious material; in good repair



TOP 10 DEBITS: #8

Milkhouse or Room Cleaning Facilities; Cleanliness: DEBIT #32

- No trash, unnecessary articles, animals or fowl



TOP 10 DEBITS: #7

Transfer and Protection of Milk Protection from Contamination:

DEBIT #60

- Milk and equipment properly protected



TOP 10 DEBITS: #6

Personal

Hand Washing Facilities:

DEBIT #6 I

- Proper hand-washing facilities convenient to milking operations



TOP 10 DEBITS: #5

Milking Barn, Stable or Parlor Construction:

DEBIT #05

- Walls and ceilings smooth, painted or finished adequately; in good repair; ceiling dust-tight



TOP 10 DEBITS: #4

Insects and Rodents

Insect and Rodent Control:

DEBIT #71

- All milkhouse openings effectively screened or otherwise protected; doors tight and self-closing; screen doors open outward

TOP 10 DEBITS: #3

Utensils and Equipment

Storage:

DEBIT #50

- Single-service articles properly stored



TOP 10 DEBITS: #2

Cleaning Facilities

Cleanliness:

DEBIT #31

- Floors, walls, windows, tables, and similar non-product contact surfaces clean



TOP 10 DEBITS: #1

Milking Barn, Stable or Parlor

Cleanliness:

DEBIT #10

- Clean and free of litter



CONSISTENCY CONCERNS

- Across our state
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- Across agencies
 - WDATCP and FDA
 - WDATCP and WDNR

DATCP AND DNR WELL CONSISTENCY

- 50 foot set back per PMO vs NR 812 requirements
- Compliance reports –

EXAMPLE: COMPLIANCE OF SPRING BOXES AND NON-PRESSURIZED STORAGE VESSELS

- Requirements
- Reality
- Bringing farms into compliance

EXAMPLES: COMMUNICATION TO IMPROVE CORRELATION

- Top 10 list of debits in inspections and surveys
- Outreach at Dairy Plant Field Representatives meeting
- Outreach at Milk Haulers Association meeting
- Blast e-mails on key topics
- Mutual expectations for milk producers and sanitarians

COMPUTER-AIDED EFFICIENCY GAINS

- Electronic coversheets for farm inspections
 - Shout out to MSRO Bob Carrier!
 - Program started in May
 - E-mail and print copies
 - Looming issue? printers in winter

COMPUTER-AIDED EFFICIENCY GAINS

- Sign ups for bulk milk weigher sampler inspections
 - At county fairgrounds
 - Summer 2019
 - Cost savings!



COMPUTER-AIDED EFFICIENCY GAINS: IN PROGRESS

- New Department-wide electronic management system
 - Conversion from “legacy” system
 - External: on-line licensing
 - Internal: inspection dates, compliance
 - Complex!

CALCULATIONS, CURRENT AND PLANNED

- Inspection frequency vs. survey scores
 - Evaluation in ca. 2012 showed best mean score with 2 x per year inspection
 - Evaluation of 2016-2018 data set showed number of inspections in preceding year weakly correlated with number of debits in next inspection
 - Average survey score vs. percentage of farms requiring reinspection, for each sanitarian

CALCULATIONS, CURRENT AND PLANNED

- Create visual and numerical consistency between regulatory farm inspection and surveys
- Percentage of inspections done during milking time for program and each sanitarian
- Percentage of inspections resulting in a reinspection, for program and each sanitarian

WHAT'S NEXT?

- Bridging the digital divide: broadband and more in rural areas
- Robotic milking systems are catching on / the labor shortage continues
- Water in the spotlight
- Livestock siting and Concentrated Animal Feeding Operations
- Farming in a changing climate

QUESTIONS

