Quality Milk Alliance

AN EVALUATION SYSTEM TO REDUCE MASTITIS AND ANTIBIOTIC USE ON DAIRY FARMS
MASTITIS......
MOST COMMON INFECTIOUS DISEASE DAIRY COWS

• “COMMON COLD” OF THE UDDER
• LOST PRODUCTION
• PREMATURE CULLING
• LOST QUALITY INCENTIVES
• TREATMENT - DISCARDED MILK
• OCCASIONALLY- SEVERE
MASTITIS........

- COW HEALTH AND WELFARE
- MILK QUALITY
- SUSTAINABILITY
- FARM ECONOMIC VIABILITY
HOW SHOULD WE MILK A COW?
Milk Letdown

- Brain
- Oxytocin
- Jugular vein
- Aorta
- Heart
CLASSIC EXTENSION APPROACH
EMPLOYEE TRAINING

• NEW EMPLOYEE TRAINING - “SHADOWING” MORE EXPERIENCED CO-WORKER
  • TRAINING IS INFORMAL (ON-THE-JOB)

• LACK OF SCHEDULED OPPORTUNITIES

• LITTLE FEEDBACK OR UNDERSTANDING WHY PROTOCOLS ARE IMPORTANT

99% of Dairy Producers – Recruiting and Retaining Employees is VERY important
WHO IS THE ON-FARM SCIENCE TEACHER?
PHONE MESSAGE FROM VETERINARIAN

HAD OUR LUNCH MEETING ... IT WENT REALLY WELL......ONLY ANTICIPATING ON BEING HERE ABOUT 45 MINUTES TO AN HOUR.......

I WRAPPED IT UP AND THEN SPENT THE NEXT HOUR TRYING TO GET PRETTY MUCH OUT OF THE RESTAURANT...BECAUSE THEY JUST KEPT ON ASKING QUESTIONS...

FINALLY, I JUST HAD TO LEAVE EVEN THOUGH THEY WERE CHASING ME ALONG THE RESTAURANT ASKING ME MORE MILKING QUESTIONS
• VaDia Vacuum Diagnostics
EXAMPLES OF VaDia RECORDINGS

VaDia 'Translation'

Date of measurement: 09-07-2015
Graphics: VaDia by BioControl

inHg

0  5  10  15  20

Start  1 min  2 min  3 min  4 min  5 min

Time

27
One Minute Delay…

7 Pounds Tossed Away
SUMMARY

• DAIRY INDUSTRY HAS CHANGED (RAPIDLY)
  • MORE RELIANCE ON EMPLOYEES
  • EXPERIENCE AND KNOWLEDGE IS VARIABLE

• ‘COW TRANSLATORS’ TARGET EMPLOYEE TRAINING
  • BUILD THE ‘ON-FARM SCIENCE CLASSROOM’
  • VETERINARIANS- ‘AMPLIFIERS’

• PREVENT MASTITIS
  • IMPROVE ANIMAL HEALTH AND FARM VIABILITY
  • REDUCE FOOD INSECURITY AND IMPROVE MILK QUALITY
Student Wins AABP Research Presentation Award

Posted by Ronald Ershon on Sep 24, 2018
Quality Milk Alliance Team Update

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