Current Mastitis Research at Moorepark

Strategies to reduce antibiotic use on dairy farms

Mastitis Vaccine
Will the Startvac vaccine reduce mastitis due to S. aureus in heifers

• Prevent mastitis in 1st lactation animals
  ➢ Reduce antibiotic use
  ➢ Maximise future milk yield & longevity

Selective dry cow treatment
Can cows with low SCC be dried off without antibiotics?

• Selective use of antibiotics
• Milk record regularly
• Keep records

Teat sealant
Will a teat-sealant applied to heifers before calving affect prevalence of mastitis?

• Improves seal at teat end as heifer springs up

Pre-milking teat disinfection + wipe
Reduce new infection rates?

• Potentially kill 95% of bacteria on teat skin

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