Welcome to Hillington Park

• ICAR Conference 2017
Agenda

• Tony Craven- NMR Group Operations Manager
• Paul O’Bien –NMR Group Quality Manager
• Ben Bartlett- Business Development Manager
• Andy Carr- Sales Director Foss- Britain and Ireland
National Milk Records Group

- National Milk Records (DHI)
- National Milk Laboratories
- Independent Milk Laboratories (J.V. Ireland)
- National Livestock Records (Nordic Star tags)

Know your cows, know your business
NMR plc Business

- 6703 Shareholders
- 9,700 Dairy Farms GB (3,900 record with NMR)
- 487,500 recorded cows
- Herd size- 277 Scotland, 183 England & Wales
- 305 day yield 8430Kg (9440 Kg natural) 2016
- Fat 4.06%, Prot 3.31% 2106
- Services: A (Assisted recording with milk recorder and/or sampler). B (DIY recording). C (alternating assisted recording and DIY). T (Factored where only one yield and or sample is taken at each recording). Non Authentic G4 and Essential Sampling (400 customers).
- Frequency: 3,4,6 and 8 weekly

Know your cows, know your business
Transport Sites/ Hubs

Know your cows, know your business
NMR sample box

Know your cows, know your business
Farm to Collection Point

Know your cows, know your business
NMR Van fleet- 19 vans 15 daily routes

1.85 million miles (2.97m km) per year
Collection of payment samples for milk buyers

Know your cows, know your business
Collection of NMR Samples
Sample Collections

- Red pins – NML & NMR
- Blue pins NMR only
- Most collections daily, some weekly and some monthly
- 7.30pm transfer from Yeovil to Four Ashes

Know your cows, know your business
National Milk Laboratories

- Majority of testing takes place overnight (turnaround 1.9 days)
- NMR (DHI) sample testing - 20,000 per night
- GB Payment testing
- Spectral data - Energy Balance / Fatty Acid profiles
- Disease testing - BVD, Johnes, IBR, Lepto, Neospora, Liver Fluke
- Pregnancy Testing
- Microbiology - mastitis I/D, Bacto Breakdown
- qPCR - Mastitis I/D and BVD

Know your cows, know your business
Four Ashes Site 2012

Know your cows, know your business
Four Ashes Laboratory

Know your cows, know your business
Equipment

- 15 Combifoss (500 per hour)
- 6 Bactoscan (150/100 per hour)
- 1 Combi 7, 2 on order
Combi 7 Validation Testing

Know your cows, know your business
Boxes and vials washed
Preservative and capping

Know your cows, know your business
NML Hillington

- Roughly one tenth the sample numbers of the Four Ashes Laboratory
- Presence in Scotland
- Contingency
- Payment, Milk Recording, Disease and Microbiology testing
- 3 Combifoss
- 2 Bactoscan
- GB Ear Tag BVD testing - up to 22,000/month
Acknowledgements

• Alex Warriner AHDB
• ICAR
• Speakers
• Alan MacKinnon and Derek Connolly NML
  Hillington Managers
• Thank you for coming to see our Hillington Laboratory