

Milking speed task force meeting

Friday, November 12, 2021 7:54 AM

- Asha, João, Robert, Jeff Bewley, Sophie, Jay Weiker, Steve Sievert, self
- Discussion of scope
 - Economic aspect - is this an effort we should undertake
 - Not incorporated into NMA?
 - Trait expression
- DRPC status quo, DC305 does store daily milk weights but after ~2 wk, gets compressed
 - ATA - unaware of MSPD
 - DRMS - PCDart records the data, but most not uploaded
 - DC305 can capture milking times or flow rates
 - VAS can capture the data → enquire directly about
 - 712 in service - EMM - per Steven
 - Calibrated
 - Amelcor stopped collecting MSPD b/c no tools to analyze
- What are international definitions → Sophie, Jay
 - CAN?
- Is there robot usage? E.g., Lely
 - Company facilitates the interface to transfer the data
 - IDDEN initiative
 - ~99% flat files
- Measured vs. subjective data?
 - NAAB - prefer measured data
 - Practicality of subjective measurements
 - CAN uses subjective data
- Selecting cows well-suited to robotic milking
- Temperament + milking speed
- Steve
 - Milking time vs. milking speed
 - What do we want for milking speed definition?
 - ID validation * Automatic recording
 - Robotic systems with AI algorithms included
 - What parity?
 - Later parity cows may be better representation
 - Stage of lactation
 - * Environmental aspects
- RF - High repeatability from 1st → 3rd parity lbs. milk/time
- Effect of age at 1st calving on milking speed
- Milking speed in robot vs. parlor → Difference
- Why would farmer be interested in collecting this data in the first place?
 - ↳ Meet with PAC
 - Incorporate this data back in a useful way to make management decisions
- TF has 6-month timeline
 - Schedule next meeting
 - Meetings could be longer in length

* Materials related to other evaluations

- Develop specific questions for PAC prior to meeting
- 2 hr meeting week of Nov. 29th
- Set up central repository → Redmine