

Revisit discussions of replacement rate and use of sexed semen/beef semen

Replacement rate:

- Current level (34/37/30% for HOL, 36/37/30% for RDC and 33% for Jersey)
- What will the replacement rate be in 2030 (in %)?
- Will there be differences between countries? If yes give comments

Sexed semen:

- Current level - % of all inseminations (25/15/8% for HOL, 27/14/8% for RDC and 63% for Jersey)
- What will the use be in 2030 (% of all inseminations in heifers and cows)?
- Will there be differences between countries? If yes give comments

Beef semen:

- Current level of conv. semen - % of all inseminations (27/12/25% for HOL, 26/14/25% for RDC and 31% for Jersey)
- Current level of sexed semen - % of all beef inseminations (13/22/5% for HOL, 21/9/5% for RDC and 38% for Jersey)
- What will the use be in cows in 2030?
 - % of all inseminations?
 - % of beef inseminations with sexed semen (specify if it is male or female)
- What will the use be in heifers in 2030?
 - % of all inseminations?
 - % of beef inseminations with sexed semen (specify if it is male or female)
- Will there be differences between countries? If yes give comments

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Future weighting of Saved feed

Based on note on alternative weightings, you should discuss potential advantages/disadvantages of putting more weight on Saved feed

The current balance in saved feed between maintenance efficiency and metabolic efficiency reflect the estimated genetic standard deviation of the two traits – which is the optimal way to do it. You are asked to discuss if that principle also should be kept in the future

Proposal for future weight on Saved feed

- Current weight factors (0.08 for HOL, 0.13 for RDC and 0.18 for Jersey)
- Future weight factor for Saved feed in NTM for your breed

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Optimum for type traits

- Agree on principle how to estimate optimum dot's in bull search
- Homework: update optimum and weight factors until next workshop/later in 2023

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Group work

	Holstein	RDC	Jersey
Chair	Johnny Nielsen	Morten Hansen	Bent Olesen
Secretary	Terhi Vahlsten	Anders Fogh	Carolina Markey
Expert	Ulrik Sander Nielsen	Jukka Pösö	Kevin Byskov
Room			

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