DNK: Traits and weighting in current national indices and suggestion for joint Nordic indices

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Nordisk Avlsværdi Vurdering • Nordic Cattle Genetic Evaluation

Danish national beef evaluation

6 trait groups

- Fertility
- Calving interval
- Survival after birth (Young stock survival)
 - Survival 200d (direct+maternal)
- Calving
 - Survival at birth, Calving ease, Birth weight (all 3 direct+maternal), Survival dairy crosses, Calving ease dairy crosses and Size dairy



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1

Danish national beef evaluation

6 trait groups

- Weight gain
- Birth weight, Weight 200d, Weight 365d (all 3 direct+maternal), Net daily gain, Net daily gain dairy crosses, Test station daily gain (<2019)
- Carcass quality
 - EUROP-score, EUROP-score dairy crosses
- Conformation
 - Body, Muscle, Feet&legs

NAV

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Combined indexes

- Weight gain, Direct (VÆKST)
 - Weight 365d, Net daily gain, Test station daily gain, Net daily gain dairy crosses
- Weight gain, Maternal (MÆLK)
 - · Weight 365d, Net daily gain
- Carcass quality
 - EUROP-score

NAV

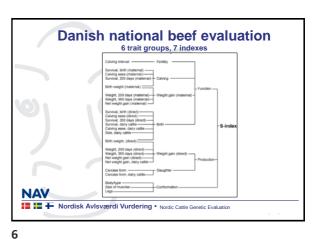
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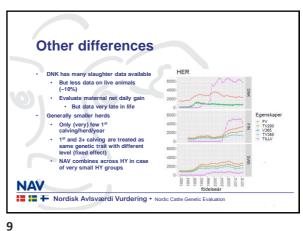
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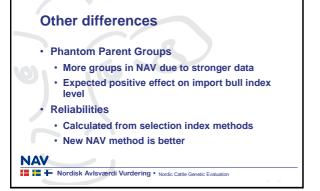
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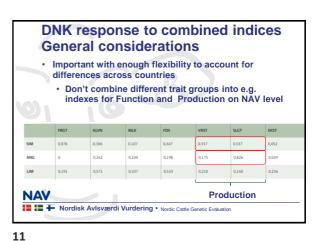




Selection within Danish herds • S-indeks – for all animals • No cows are pre-selected for production of slaughter calves • Primarily stock bulls and limited use of sexed semen NAV • Nordisk Avlsværdi Vurdering • Nordic Cattle Genetic Evaluation







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DNK response to combined indices General considerations Calving traits (direct + maternal) Include both 1st and later calvings There might be most difficulties related to 1st calving, but there are most 2+ calvings



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