

Group 1. Integration of International EBV's in National Evaluations.

Moderator: Ross Evans (IRE).

Topic: Use of Interbeef EBVs at the national level

- **CZE**: publication of Interbeef EBV separately (after standardisation)
 - **UK**: only national EBV currently. Integration is a research project => goal: 1 single EBV par trait
 - **Croatia**: VanDenPlus methodology. National single step that integrates international evaluations
 - **AUS**: international Genetic evaluation work
 - **DFS**, France and Germany: like CZE. Limited use
 - **IRL**: no ITB EBV publication (AWW and no Carc weight) but integration foreign EBVs (twice per year): DYD computation and correlated traits integrated with correlation 0.7
- => No integration yet
- => Interbeef ranking of all bulls in all scales.

Issues:

- National evaluation freq / international evaluations (26 for Angus, 12 for others in Australia – 3 runs/year for UK)
- Impact on descendants
- Impact on correlated traits and relatives
- Limited number of traits
- Variability in trait definitions & multi-trait aspect
- Dairy solution not directly transferable to beef
- Confusion for end userd dur to multiple ebvs for the same traits.

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Solutions?

- Investigate solutions currently being applied in beef
 - PanAmerican Hereford: multitrait evaluation but not multicountry evaluation
 - => only 1 ranking
 - same for French evaluation with inclusion of foreign data
- Dairy experience:
 - VanDenPlas approach
 - Mix99 development

Group 2. Harmonisation of Traits of Interest for ICAR-Interbeef Members.

Moderator: Japie van der Westhuizan, South Africa.

Quality of phenotype recording – standards and harmonisation

- Need a sub group within Interbeef with a coordinator
- Working through current guidelines listing traits and definitions
- Need to know what is going on out there – a survey based on current traits and definitions and novel or new traits
 - “Hard” and “soft” data (and genotypes?)
 - What traits included in genetic/genomic evaluations (what are you doing with the data)
 - According to current ICAR guidelines
 - What other traits suggested to be included to be defined in guidelines
 - Contacts
- Collation of information and updating guidelines.
- Needs
 - Experts on carcass traits and meat quality
- Timescale to update guidelines

Group 3. New and Novel Traits of Interest to ICAR-Interbeef Members.

Moderator: Rob Banks (AUS).

Priority/interest list:

- Feed intake (& efficiency)
- Meat eating quality
 - Objective
 - Taste panel
- Disease traits
 - Parasites, BRD, immunocompetence, ...
- Resilience
- Docility

Process:

- Invite interest from INTERBEEF participants
- Link with any existing ICAR activity (eg Feed Intake WG) – to bring in what is actually being done there:
- Group to plan meeting at next ICAR
 - Review current activity, including parameters where they exist
 - Current recording – trait definitions, available data
 - Definition of objective, or relationship to objective, and economic value
 - Genetic evaluation models a) current b) potential
 - Process for sharing data
 - Parameter estimation for between-country