



Beef checks and edits

Eva Hjerpe ITBC



Roles and Responsibilities

- Regulated in the suggested Interbeef Code of practice chapter 4
- Participating Organizations
 - i) check the quality of the national data before sending them to Interbull Centre
 - ii) correct errors in the data
- Interbull Centre
 - i) check data received from each participating organization
 - ii) report potential errors and/or inconsistencies discovered back to individual organizations



Checks incoming data at Interbull Centre

- Check the field content and the consistency in the performance and the parameter file
- Check et animals in the ET file against ET coded animals in the performance file
- Checks changes in current and previous incoming data



Example checks parameter and performance file

- check that the content in the file is correct:
 - a) integer, float, characters
 - b) country-, trait-, breed codes are valid etc



Example checks parameter and performance file

- check consistency in the files
 - a) check that the number stated for nenv is consistence with env(n) and envt(n) in the file
 - b) check that env(n) is not empty and that envt(n) is either F X or R in the parameter file
 - c) reporting country should be the same as herd country
 - d) check that the number of env. effect is the same in the parameter and the performance file
 - e) check the consistency between the env.effect in the performance and parameter file
 - f) check that the breed- trait combination is present in both performance and parameterfile



Examples on checks ET file

Summary for COU LIM AWW

Number of rec read from the performance file : 84823

Number of et animals in the performance file : 562

Number of records read from the et file : 562

Number of animals in ET file also in per file : 562

Number of animals in ET also in per file but not coded as ET : 0

Number of animals in ET also in per file and codes as ET : 562

Number of animals in ET file not in per file : 0



Examples on checks on changes in current and previous data

-General checks

- a) number of animals in current and previous
- b) number of AID in previous not in current
- c) number of twin/ET
- d) number of males/females
- e) number of missing parameters for Dep var, CG and herdIDs



Examples checks on changes in current and previous data

- Statistics for herds.
 - a) unique herd IDs,
 - b) change in herd IDs.
- Statistics for CG
 - a) Number of groups with ≥ 4
 - b) Number of groups with ≤ 3
- Statistics for Dep var
 - Mean, max,min, median, std, mean ± 3 std
- Statistics env effects
 - Type of effect and levels



Checks outgoing data

- a) Check of number of records
- b) Check of numbers of aids-cou combos in previous not in current evaluation per country
- c) Check of rel,
- d) Statistics on Direct/Maternal EBV and REL – cou