Streamlining at ITBC

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❑ EBV module added to Interbull Data Exchange Area
  ➢ Data exchange of proof and parameters

❑ Daisie
  ➢ New package to estimate EBV and rG

Streamlining

- ❑ Decrease the workload
  - ➢ Analyzed the workflow for incoming data
  - ➢ Identified the most common errors made by ITBC and member organizations
- ❑ Speed up the evaluations

EBV module

❑ Goal ➜ decrease the high workload at routine and testrun deadlines

    ➢ transmission of data

        ftp or email ➜ upload via IDEA

    ➢ reduce manual steps in the "workflow"

       copy files   ➜ upload via IDEA

       rename the files   ➜ checking program called CheckProofPara ➜ increase data quality

    ➢ data inconsistencies and communication data inconsistencies

       verify program   ➜ Verify through database

       email box   ➜ all communication is saved in one place in IDEA

    ➢ improve the quality of incoming data

    ➢ easy access to data

    ➢ additional services in the future

Introduction Daisie

❑ 2008 goal was to decrease the number of people running the same programs at the same time ➜ overall scripts

❑ 2011 intro new package for EBV, bridge, and rG, mace-rg ➜ estimation more efficient

❑ January 2014 introduce Daisie ➜ parallel running of scripts/programs using 2 data crunchers with 8 processors each.

❑ Ongoing project ➜ cruncher network, "bladdernet".

  ➢ Shared with Quantitative Genetics at the Dep. of animal genetics.

  ➢ 3 additional servers with 8 processors each

  ➢ Test/adopt scripts/programs for mace and interbeef

  ➢ Introduce aug/sept 2014