

Council on Dairy Cattle Breeding Future developments

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Future developments

- Evaluation changes:
 - Implementation of changes to fertility traits [*research in progress*]
 - Introduction of a new Brown Swiss fertility haplotype (BHA) [*approval process pending*]
 - Inclusion of Interbull mastitis data in HO evaluation [*August 19*]

Future developments

- Evaluation changes (*cont.*):
 - Jersey health traits [*research in progress*]
 - Crossbred evaluations enhancements
 - Fertility haplotypes
 - Reliabilities
 - Inclusion of crossbred animals in G-mating (studs)
 - Discontinue UPG for WW animals (blended with HO)

Other projects

- Finalization of transition of new CSV formats
- Standardization of EOLs throughout CDCB system
- Standardization of distribution of files (zipping of evals)
- Unknown (placeholder) dam project [*research ongoing*]
- Other...

Genomic engine

- Continuous improvement and research (internal)
 - Reduction of computing time and resources
- Re-design the system, with probable changes in operations (e.g. when and if checks/edits are performed)
 - **EARLY** stages
- **Long term:**
 - **Likely will involve redesign of interaction channels with CDCB system.**
 - **API-REST**
 - **Web-based methods / resources**

IT upgrades

- New production server installed
 - Currently being set up.
 - +50% RAM and +100% threads
 - Will likely result in downtime during transition (still needs to undergo thorough testing phase).

THANK YOU FOR YOUR ATTENTION