

Important Information on NAV Yield Evaluation and Corrective Actions

In May 2025, NAV introduced improved breeding values for yield using the Single Step method for the first time. This was an important step forward in our calculation methods, providing more accurate breeding values. The new method also includes an additional step, where breeding values are post-processed before publication.

Discovery of Errors

In August 2025, NAV communicated that this post-processing step had not been applied to some newly genotyped animals, leading to incorrect GEBVs for those animals.

Following this, NAV established a task force to investigate the issue thoroughly. During this review, a bug was identified in the program which had been present from the beginning of the new evaluation. The error meant that GEBVs for animals not registered in the Danish, Finnish or Swedish cattle databases were not post-processed. This bug therefore affected yield evaluations across all breeds.

Impact on Interbull Evaluations

The Interbull evaluation from April 2025 used NAV's first set of results and was therefore also affected by this bug. When NAV submitted new data for the Interbull GMACE evaluation in August, the differences compared to April were larger than Interbull's acceptance thresholds. As a result, Interbull decided to reject NAV's August files and instead used the April results.

Corrective Actions

- The bug has now been corrected, and we are confident that this will result in more stable breeding values going forward.
- NAV is working to complete the Interbull GEBV validation test to ensure we can participate with correct results in the next round.
- We are working on strengthening our internal processes, with a stronger focus on quality assurance, additional testing, and stricter security checks before implementing major changes in our evaluation systems.