

ICBF Active Dairy Bull List – Spring 2022

Guide to reading the Table.

- **Bull Details;** Rank, AI Code, Bull Name, Sire, Breed, Status in Herdbook & Holstein %.
Ped; Full Pedigree Registered animal. SRM; Supplementary registered male in the IHFA Herdbook. An 'XSR' or blank status field indicates that the bull has no pedigree registration status.
- **GI:** This indicates whether the bull was progeny tested through the ICBF Gene Ireland progeny test program or not.
- **EBI Details;** EBI, Economic Breeding Index (€); Indicates the profit/lactation expected for a bull's progeny compared to an average animal. **Rel%**; Reliability of EBI proof. This indicates the level of confidence that someone can have in the proof. The higher this value, the more reliable the proof.
Proof; The status of the Bull proof.

Type	Name	Definition
GS	Genomically Selected	Bull with his own calving ease proof but has no daughters milking here yet.
DP-Irl	Daughter Proven Ireland	Bull with his own calving ease proof and his production proof is mainly based on his daughters that are milking in herds here in Ireland.
DP-Int	Daughter Proven International	Bull with his own calving ease proof and his production proof is mainly based on his daughters that are milking in herds in other countries.

- **EBI Sub Indices; Milk, Fertility, Calving, Beef, Maintenance, Management & Health;** Sub Indices of the overall EBI. Added together these give the overall EBI figure.
- **Key Profit Traits; M Kg** Predicted Difference (PD) for milk yield. If the average 'Milk Kgs' of the team of Bulls being used is greater than the average 'Milk Kgs' of the cows they are being mated to, then the average milk yield of the herd will increase. Positive values for **F Kg** (Fat Kg), **P Kg** (Protein Kg), **F %** (Fat %), **P %** (Protein %) will also increase each of the constituent traits in the same manner. **CI** = Calving Interval (Days). Bulls with negative values for CI will reduce calving interval. **SU** = Survival %. Bulls with positive values will increase survival (longevity/productive life).
- **Milking Time:** This gives an indication as whether daughters of a Bull are slow or quick to milk. Negative values are desired – indicating that daughters take less time to be milked. Milking time is measured in seconds per milking. It is important to note that milking time has been adjusted for milk yield, so it's not penalizing bulls with high volumes of milk.
- **Calving Difficulty Details:** This is the first Active Bull List with the new Calving indices.
Risk of Dairy Heifer CDiff: This is either 'Low', 'Moderate' or 'High' and indicates the level of risk associated with calving difficulty when used on dairy heifers. It combines the PTA and the reliability.
Dairy Heifer CD% & Dairy Cow CD%: This shows the calving difficulty % figure expected for the bull when used on dairy heifers and dairy cows. Reliability % figures are also shown.
Dairy Calv Recs: This shows the number of actual calves sired by each bull that were born in Ireland out of dairy animals and with calving survey records included in evaluations.
- **Semen Details;** Price, availability and supplier details of each bull are also included. These details are updated by each AI Organisation for their own bulls.