

NAV production indices – weight on different lactations

Gert Pedersen Aamand

The joint Nordic evaluation produces EBVs for milk, protein and fat yield separately for first, second and later lactation. From these lactation wise solutions EBVs for protein and fat content, as well as for persistency, are calculated. Lactation yield EBVs of the first, second and later lactations are combined with weights of 0.5, 0.3 and 0.2, subsequently, to produce combined EBVs across lactations.

EBVs for different lactations as well as combined across lactations are expressed as relative EBVs where means are set to 100 and standard deviations (SD) are 10 index points. The base group of animals from which the mean is calculated consists of Danish, Finnish and Swedish cows born 4-5 years before evaluation date and having at least one observation. The SDs applied in the standardization are the SDs of A.I. test bulls (born 1997-1998) that have sired the base group cows.