

<b>COUNTRY'S NAME</b>	<b>NORWAY</b>
<b>Production traits</b>	<b>Milk, fat and protein</b>
<b>Breed</b>	Norwegian Red Cattle
<b>Trait definition and unit of measurement</b>	Milk, fat and protein yield (kg), fat and protein percent (%) Monthly recording of yield and every second month of percentages.
<b>Criteria for inclusion &amp; extension of records</b>	Records with non-identified sires are not used. Records in progress and records of culled cows are extended when they are shorter than 270 days. Naturally terminated lactations of live cows are not extended. Method of extension: Known part lactation + last test-day*k (k is dependent on stage of lactation).
<b>Time period for data inclusion</b>	Calving since January 1, 1979.
<b>Sire categories</b>	One sire category. AI bulls of NRF.
<b>Number of lactations included in the evaluation</b>	Only the first lactation.
<b>Environmental effects: Pre-adjustment</b>	Age at calving, month of calving and days open. The pre-adjustment factors were last updated in 1980.
<b>Base for age pre-adjustment</b>	
<b>Method (model) of genetic evaluation</b>	ST – BLUP – SM with MGS
<b>Environmental effects in the genetic evaluation model</b>	Fixed: Herd-year
<b>Use of genetic groups</b>	None
<b>Genetic parameters in the evaluation</b>	$h^2 = 0.2$
<b>System validation</b>	It is checked on trend estimation. Also by comparison of results from first and second batch of daughters.
<b>Expression of genetic evaluations</b>	RBV, Mean=100, standard deviation=6.5.
<b>Genetic (reference) base</b>	Rolling: The genetic base is defined as the average of the progeny tested bulls from the new batches in the three years previous to the last one.
<b>Next base change</b>	
<b>Criteria for official publication of evaluations</b>	Normally 100 daughters
<b>Number of evaluations / publications per year</b>	1 per year. June.
<b>Use in production / total merit index</b>	TMI is used where protein yield accounts for 21 %.
<b>Anticipated changes in the near future</b>	None
<b>Key reference on methodology applied</b>	
<b>Key organization: name, address, phone, fax, e-mail, web site</b>	Norwegian Cattle, N-2326 Hamar, Norway. Phone: +47 62520600 Fax: +47 62520610 E-mail: <a href="mailto:nrf@nrf.no">nrf@nrf.no</a> Web site: <a href="http://www.nrf.no">www.nrf.no</a>