

Base Change Summary January 2010

Every five years, the national average for every trait is recalculated and reset to zero to account for the genetic progress made.

With the January 2010 proof run the genetic base will be re-calculated for all breeds and will be reset to the average genetic merit of cows born in 2005.

The table below gives a summary of the base changes for the production and fitness traits:

Breed / Trait	Milk	Fat	Protein	Fat%	Prot%	PIN	SCC	Lifespan	Fertility Index	PLI
Holstein	-141	-6.6	-4.2	-0.02	0.00	-9	2	-0.1	1.5	-35
Ayrshire	-132	-4.6	-4.4	0.00	0.00	-8	0	-0.1	1.7	-33
Friesian	-192	-5.8	-5.9	0.03	0.01	-10	1	-0.1	0.4	-46
Guernsey	-112	-6.7	-4.8	-0.03	-0.02	-11	2	-0.1	1.0	-39
Jersey	-85	-4.0	-2.7	0.03	0.02	-6	0	-0.1	0.0	-27
Shorthorn	-62	-2.7	-2.6	-0.01	-0.01	-5	1	0.0	N/A	-18

For more information on these genetic indexes, including the definition of a genetic base, please take a look at 'breeding briefs' available to download for free from the DairyCo website.

<http://www.dairyco.org.uk/library/farming-info-centre/breeding/breeding-briefs.aspx>

