

Male Genomic evaluations – Terms and Conditions – Effective 1 December 2013

Male genomic testing is available to anyone wishing to get a UK genomic evaluation on a bull. This service is offered through the existing genomic evaluations provided by DairyCo and Holstein UK.

Fees are broken down for those wishing to get an initial Unofficial Genomic Evaluation for private use, and for those wishing to get an Official UK Genomic Evaluation that can be used in official rankings and on pedigree certificates. Both Fees are only collected once in a bull's lifetime and exclude the cost of genotyping.

<u>Classes</u>	<u>Initial Fee ⁴</u>	<u>Official Fee ⁵</u>
Farmer ¹	£50	£350
Standard	£125	£750
International Genomic Partner ²	£ 0	£200
UK Genomic Partner ³	£12.50	£200

Footnotes:

1. The Farmer rate is available to UK dairy producers that are enrolled in an ICAR approved milk recording service offered by CIS, NMR or UDF and whose data is used as part of DairyCo's genetic evaluations. This rate only applies to bulls in ownership and registered as such by Holstein UK.
2. International Genomic partners are breeding companies in Canada, Italy and USA that contributed, and continue to contribute, to the male reference population of UK genomic evaluations since April 2011. To be eligible the male genotypes need to be submitted directly by the CDCB or Anafi.
3. UK Genomic partner rates apply to existing Genomic partners that enrol a minimum of 40 bulls for both Calving Ease and Linear Inspections for Type (LIFT) each year, and collect this data in a minimum of 25 herds for each bull enrolled.
4. The Initial Fee entitles the requester to an Unofficial Genomic Evaluation, which is updated at each tri-annual unofficial update in line with the timings of the official genomic evaluations (currently April, August and December). This fee is only available to bulls that are less than 15 months of age, and Unofficial Genomic Evaluation updates will be calculated until the bull reached 15 months of age. This Unofficial Genomic Evaluation is not recognised as official and must not be used for marketing the bull genetics in any form, other than the sale of the animal itself. This Unofficial Genomic Evaluation shall not be published officially by either DairyCo or Holstein UK and will not be used by any participating Milk Recording Organisation. Therefore the Unofficial Genomic Evaluation will not appear on any official listings or on pedigree certificates.
5. The Official Fee entitles the requested to an Official Genomic Evaluation, which will only be calculated on genotypes of more than 50,000 SNPs. This Official Genomic Evaluation will be updated with each tri-annual official genomic evaluation and is permitted to be used to market the bull's

genetic qualities and will be used in official UK bull rankings, will contribute to the International GMACE and will be used on official pedigree certificates and milk recording records.

Bull Genotypes submitted for genomic evaluations are subject to the following terms and conditions:

- (a) Bull genotypes, other than those submitted by an International or UK Genomic partner, will have to be submitted via Holstein UK;
- (b) UK bred bulls will have to be registered with Holstein UK to be eligible
- (c) The Initial Fee shall be paid to obtain an Unofficial Genomic Evaluation
- (d) When the bull reaches 15 months of age, the Unofficial Genomic Evaluation will cease to be supplied and for bulls that require a genomic evaluation after this, the Official Fee needs to be paid.
- (e) The Official Fee shall be paid prior to receiving an Official Genomic Evaluation
- (f) Bulls for which only an Initial Fee has been paid, and who are over 3 years of age and have less than 20 progeny registered by Holstein UK, will automatically receive an Official Genomic Evaluation, which will be updated with each tri-annual official genomic evaluations.
- (g) Fees will be collected by Holstein UK on behalf of both DairyCo and Holstein UK to support the running and development of the UK genetic and genomic evaluation systems.
- (h) There will be no refund of fees, even if the test results do not work to the requester's satisfaction.
- (i) If it is discovered that semen has been sold in the UK from a bull that previously obtained an Unofficial Genomic Evaluation based on an Initial Fee payment and the Official Fee has not been paid at the time the first semen was sold, the Official Fee must be paid plus a £1000 late fee. In addition the owner(s) will lose the right to genotype males for an indefinite period, and for a minimum of one year and until all fees due on all bulls are paid.

Genomic evaluations in the UK are provided by DairyCo and Holstein UK

- *The UK, through DairyCo, is collaborating with International Genomic Partners in USA, Canada and Italy.*
- *Other UK partners which support and helped to establish the UK genomic evaluations are Cogent, Genus ABS, National Milk Records, Cattle Information Service and United Dairy Farmers, Holstein UK, and Scotland's Rural College*

28 November 2013