



🔑 **CASE STUDY**

AHDB SHEEP AND LAMB



INDUSTRY REVIEW

AHDB Beef and Lamb; formerly known as EBLEX, is the organisation for beef and lamb tax payers (levy payers) in England. Aiming to prioritise and enhance profitability and sustainability in the dairy sector, it supports optimisation of supply chains, and adding value to the industry. Investment in genetic improvement of cattle and sheep industry is paramount as the landscape of genetic evaluation is changing and incorporation of genomic information into breeding systems is on the rise.

AbacusBio worked with AHDB Beef and Lamb to undergo a review of the genetic improvement of the beef cattle and sheep in the UK with special reference to the potential for genomics. This review included estimating the value of the historic genetic gain and of the potential rate of genetic gain through the additional application of genomic technologies compared with current quantitative approaches. Delivered to AHDB Beef and Lamb was a cost benefit analysis of the application of genomic technologies.

Further, the analysis explored the possibilities for future genetic improvement within the red meat industry. The project also included an analysis of the strengths and weaknesses of current breed improvement services through international bench-marking and a survey of users of genetic evaluation services. The final aspect of the project was the provision of a framework for the establishment of potential best practices in the use of genomic tools to accelerate genetic gain.



AHDB BEEF AND LAMB IS FORMERLY KNOWN AS "EBLEX"



80,814 TONNES OF BEEF AND VEAL WAS EXPORTED FROM ENGLAND IN 2018



56,969 TONNES OF LAMB WAS EXPORTED FROM ENGLAND IN 2018



LEVY PAYERS = BEEF AND SHEEP FARMERS/STAKEHOLDERS THAT PAY A LEVY