



Muxloe Farm Leicestershire

PROJECT: Muxloe Farm
LOCATION: Leicestershire
PROJECT BRIEF: Reduce temperatures in order to combat heat stress in dairy herd
HYDOR PRODUCTS INSTALLED: HV & Turbulators



Specialist fan manufacturers, Hydor Limited, has supplied HV and turbulator fans to Muxloe Farm in Leicestershire to help combat the effects of heat stress in its cattle, in a bid to keep its cows healthy and milk production to its optimum.

Heat stress can be a major factor in the breakdown of disease control. As temperatures increase and cows become stressed, their white blood cell count goes down and the immune system becomes less effective, making them more prone to infections such as mastitis, IBR AND BVD. Cows are also susceptible to heat induced acidosis, which leads to drops in body weight, milk yield and butterfats.

Kite, the consultancy specialising in dairy animal welfare is increasingly advising its customers to install fans to increase production and to improve the welfare of cattle, not just in summer but also during the winter to reduce ammonia and to improve the atmosphere in buildings.

"Every day is the same in terms of milk yield", says herd manager, Brian Miller and he states that he "has never seen such happy cows in 23 years".

Foreman at Muxloe Farm, Mr Wright, added "After we installed the fans, things changed for the better",

"We saw an upturn in yield, with the cows peaking at perhaps five litres a day more and averaging around two litres more a day over the summer thanks to the cows eating more. We also started seeing a lot more cows bulling. The bulling behaviour this year just does not compare to last year. It is so much stronger."

Hydor Ltd are part of the £62 million Elta Group, a family of businesses with operations in six countries on four continents which, together with a network of international distributors, provides quality fans and related air movement equipment to customers worldwide.



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Since Hydor installed 7 HV fans and 4 Turbulator Fans at Muxloe farm, the results have proved to be extremely productive and fluctuations in yields through the key months are now consistent.