

Cooling Systems in Barns

Initial investment and energy usage over 3 years

Project Specification

4 x Single cubicles
1 x Double cubicles

Dairy Cows

Air Speed - 1.2m/s

Axial Fan Installation



15



58,867



£10,654



£16,740

VS

Galebreaker VentTube Cool

5



Annual Energy Consumption kWh

based on 3,150 hours per year

7,673



Running Costs

energy based on £0.18/kWh

£1,388



Initial Investment

£11,314



TOTAL

Initial investment and energy usage over 3 years

£48,704

Cost per year: £16,234

Additional considerations:
Installation & annual maintenance of 15 fans



TOTAL

Initial investment and energy usage over 3 years

£15,481

Cost per year: £5,160

Additional considerations:
Installation & annual maintenance of 5 tubes