

AGRICULTURE AND FISHERIES GRANT SCHEME AGRICULTURAL AND HORTICULTURAL IMPROVEMENT GRANTS

EXAMPLES OF LIVESTOCK BUILDING VENTILATION

This document accompanies the Guidelines for Applicants for the Agricultural and Horticultural Improvement Grants, providing explanations and photographs of good examples of livestock building ventilation.

Crown Crank Ridge Ventilation

This ventilation is common, however, it is not suitable for livestock buildings unless they are modified with the following:

- Retro fitting an open ridge
- Fitting a baton under the crank (see Figure 1 below)
- Putting a series of holes in the roof adjacent to the ridge

The figure below shows an example of the normal crown crank ridge ventilation but it has been raised up on a 25mm wooden baton which is suitable for grant support.



Figure 1. This is showing a normal crown crank ridge raised up on a 25mm wooden baton.

Open Ventilated Ridge

The following two figures show examples of open ridge ventilation.

If a lean-to extension is built onto an existing building then suitable ventilation is required in the existing building for the grant to be supported. The two figures below show a lean-to extension that leads onto an existing building with an open ventilated ridge.



Figure 2: This shows a lean-to extension that leads onto an open ventilated ridge.



Figure 3: This shows a lean-to extension that leads onto an open ventilated ridge from the inside.

Protected Open Ridge

The following three pictures show examples of protected open ridge ventilation.



Figure 4: This shows a multi-span building each of which has its own protected open ventilated ridge.



Figure 5: This shows an example of protected open ridge ventilation.



Figure 6: This shows an example of protected open ridge ventilation.

Further Information

If you would like further information please refer to the EBLEX Better Cattle Housing Design Booklet, which you can find here: www.ahdb.org.uk/knowledge-library/brp-better-cattle-housing-design

Please speak to our Field Officers using the contact numbers below, if you have any questions with regards to ventilation:

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