



37 Research paper

The impact of dairy cows' bedding material and its microbial content on the quality and safety of milk – A cross sectional study of UK farms by Bradley, A.J., Leach, K.A., Green, M.J., Gibbons, J., Ohnstad, I.C., Black, D.H., Payne, B., Prout, V.E. and J.E Breen

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in **Significant Impact Group(s)**: Housing and welfare ; Biosecurity

Species targeted: Dairy;

Age: Adult;

Outcome Parameter(s): Bacterial counts in bedding; Bacterial counts in milk

Summary: UK herds bedded on recycled manure solids, sand or sawdust were compared. Bacterial load varied significantly within and between bedding materials. Bedding type did not affect bulk milk bacterial counts. Foremilking was associated with a reduced total bacterial count in milk.

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Where to find the original material:

<https://www.sciencedirect.com/science/article/pii/S0168160517305445>;

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