



338 Research paper

Automated collection of heat stress data in livestock: new technologies and opportunities

by Koltes, J.E., Koltes, D.A., Mote, B.E., Tucker, J., and D.S. Hubbell, III
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In **Significant Impact Groups:**

Pathogen management \
Species targeted: Pigs; Dairy; Beef;
Age: Not stated;

Summary:

The objective of this manuscript is to discuss automated body temperature monitoring technologies and to discuss their use to develop new strategies to overcome potential animal health problems. Development of technologies to detect elevated temperature earlier or to predict and prevent the negative effects of a fever or heat stress would be extremely valuable. Future development of these technologies will require real-time data collection, data management, and development of predictive models to determine the risk of heat and disease stress to allow for early intervention to prevent or limit losses in current and future generations of animals.

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Where to find the original material:

<https://academic.oup.com/tas/article/2/3/319/4999824>; <https://doi.org/10.1093/tas/txy061>

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