Livestock in Future Landscapes

Balancing profit, welfare and environmental outcomes

Sydney Institute of Agriculture
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Livestock in Future Landscapes

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Feedlot disease and economics

Irrigated intensive beef

Beef quality

Beef production in GBR

Rangeland management

Beef productivity and GHG

Beef cattle mortality and productivity

Sheep production and economics

Abattoir health and welfare
Balancing production, welfare and sustainability

Animal production and profitability

Correlations Between Carcass Attributes and 1H NMR Peaks

Live weight, kg
Balancing production, welfare and sustainability

Animal health and welfare
Infrared Thermography (body temperature)

Livestock Metabolomics (biomarkers)

Cattle and sheep mortality
Balancing production, welfare and sustainability

Environmental sustainability

Beef cattle herd management

About this method

Status

Method Determination made. The Carbon Credits (Carbon Farming Initiative – Beef Cattle Herd Management) Methodology Determination 2015 was made on 9 September 2015 and is available on ComLaw with the explanatory statement: https://www.ocomlaw.gov.au/Details/F2015G01434

Description

The Determination provides for crediting of emissions reductions from pasture-fed beef cattle. Crediting is based on emissions reductions achieved through efficiency gains, where emissions are reduced while beef production is maintained or increased.

Tools

The Beef Cattle Herd Management Calculator below has been developed to assist project proponents to estimate the effect of various efficiency measures on pastoral beef cattle
Digital technologies and predictive modelling will be key of livestock production systems in future landscapes

Any questions?

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