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What is animal welfare?

- How well an animal is coping with his or her environment
- Falls along a spectrum from very bad to very good

The concept of animal welfare includes...

Biological functioning

Emotional state

Ability to express normal behaviours



Fraser et al., 1997





Five Domains

1. Nutrition

2. Physical Environment

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3. Health

4.
Behavioural
Interactions

Photo by Aart Beijeman from Pixabay



5. Mental State

(Mellor et al., 2020)



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Livestock welfare myths

- Myth #1: All livestock have poor welfare, and cannot live good lives as production animals
- Myth #2: As long as livestock have their basic needs of food, water, and shelter met, and are not physically ill or injured, their lives are good enough





In reality

- Livestock can live good lives, according to the Five Domains model
- Data and technology can help farmers monitor livestock and make informed management decisions
- High-welfare animal products do exist!



<u>Photo</u> by <u>Alexandra Muscã</u> from <u>Pexels</u>





What can you do?

- Knowledge is power
- Assurance schemes can be useful
- Get to know your farmer















Learn more

- Learn more about data for livestock welfare: https://edin.ac/farm-data
- Further resources on farm animal welfare: https://vet.ed.ac.uk/education/centres/animal-welfare-centre/cpd/farm-animal-welfare















Thank you

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