



Methods of livestock welfare assessment

Methods of assessment of farm animal welfare at herd level (Johnsen et al., 2001)

ANI	Austria
TGI 200	Germany
Welfare assessment in "Ethical counting"	Denmark
The impact of housing systems in dairy cattle	Switzerland
On-farm assessment of dairy cows' welfare	France
Decision support system to assess the welfare status in farm animals	The Netherlands
Evaluation and certification of housing systems for horses	Switzerland
Dispensation programme for battery cages	Sweden

An overview of welfare assessment methods at the turn of the century.

Study the issues of the lecture:

The 'Animal Needs Index', (ANI) - was developed in Austria during the 1980s. It was later reworked in Germany, which produced a German version, TGI 200.

What are the main aspects of this system? What type of indicators was used?

Why were these aspects used?

-Advantages and disadvantages?

-Usage of this system!

What farm animals this system includes?

Other example of system used for evaluation of welfare level in Europe – describe!

Welfare Quality Scheme - key areas for welfare evaluation, describe the system! The links of individual protocols are at the website of the subject! Video- <https://www.youtube.com/watch?v=l7dLSoCivwI>

AWIN Animal Welfare Indicators (project AWARE – Animal Welfare Research in an enlarged Europe) 2014



Describe the system!

Protokol AWIN sheep

Welfare principles	Welfare criteria	Welfare indicators	
Good Feeding	Appropriate nutrition	Body Condition Score lamb mortality	
	Absence of prolonged thirst	Water availability	
Good Housing	Comfort around resting	Fleece cleanliness	
	Thermal comfort	Panting Access to shade/shelter (outdoors only)	
	Ease of movement	Stocking density (housed animals only)	
		Hoof overgrowth (housed animals only)	
Good Health	Absence of injuries	Body and head lesions Leg injuries	
		Lameness Faecal soiling Mucosa colour Ocular discharge Mastitis and udder lesions (lactating ewes only) Respiratory quality Fleece quality	
	Absence of disease		
	Absence of pain and pain induced by management procedures	Tail length	
	Appropriate Behaviour	Expression of social behaviour	Social withdrawal
		Expression of other behaviours	Stereotypy Excessive itching
Good human-animal relationship			Familiar human approach test
Positive emotional state		Qualitative Behaviour Assessment	

AssureWel

<http://www.assurewel.org/>



The image shows a promotional graphic for AssureWel. At the top, the logo features the text 'AssureWel' in a large, black, sans-serif font, with a green swoosh above it. Below the logo is the tagline 'Advancing Animal Welfare Assurance'. Underneath that is the mission statement: 'Improving farm animal welfare through welfare outcome assessment'. A horizontal strip of three photographs follows: a close-up of a horse's eye, a group of piglets eating from a trough, and a brown chicken. At the bottom, a light green banner contains the text 'A collaborative project led by:' followed by the logos for the University of Bristol, RSPCA, and Soil Association.

AssureWel
Advancing Animal Welfare Assurance

Improving farm animal welfare through
welfare outcome assessment

A collaborative
project led by:

University of
BRISTOL

RSPCA

Soil Association
healthy soil. healthy people. healthy planet.

AssureWel was a 6 year (2010-2016) collaborative project led by the RSPCA, Soil Association and University of Bristol, supported by the Tubney Charitable Trust. Its main aim was to develop a practical system of welfare outcome assessment for the major farm animal species, which can be used in farm assurance schemes.

What is the goal of the project? What is Freedom Food?

Who carries out the assessment according to this project?