






Better Training for Safer Food Initiative

Welfare assessment protocol on farm

Training course on "Animal Welfare in pig production"
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Integration of animal welfare in the food quality chain:

from public concerns to improved welfare and transparent quality



ANIMAL WELFARE PRINCIPLES

- GOOD FEEDING
- GOOD HOUSING
- GOOD HEALTH
- APROPRIATE BEHAVIOUR

4 PRINCIPLES (12 CRITERIA)

Principles	Criteria
Good feeding	Absence of prolonged hunger
	Absence of prolonged thirst
Good housing	Comfort around resting
	Thermal comfort
	Ease of movement
Good health	Absence of injuries
	Absence of disease
	Absence of pain induced by management procedures
Appropriate behaviour	Expression of social behaviour
	Expression of other behaviours
	Good human-animal relationship
	Positive emotional state









1. Sows and piglets



2. Growing pigs






GOOD FEEDING



1. Absence of prolonged hunger

Body condition
Food provision
Age of weaning





2. Absence of prolonged thirst

Water supply




GOOD HOUSING



3. Comfort aroud resting

Manure on the body
Bursitis and shoulder sores



4. Thermal comfort

Panting
Huddling
Shivering



5. Ease of movement

Space allowance
Farrowing crates




GOOD HEALTH

6. Absence of injuries

Wounds on the body
Vulva lesions
Lameness

0 1 2










7. Absence of disease

Mortality
Coughing, sneezing, pumping
Rectal prolapse, scouring, constipation
Metritis, mastitis, uterine prolapse
Skin condition, local infections
Neurological disorders, splay leg

8. Absence of pain induced by management procedures

Nose ringing, tail docking, castration








APPROPRIATE BEHAVIOUR

9. Expression of social behaviour


Social behaviour

10. Expression of other behaviours

Exploratory behaviour
Stereotypes






APPROPRIATE BEHAVIOUR

11. Good human-animal relationship

Fear to humans




12. Positive emotional state

QBA




1. Sows and piglets

2. Growing pigs









GOOD FEEDING


1. Absence of prolonged hunger

Body condition
Food provision


2. Absence of prolonged thirst

Water supply










GOOD HOUSING

3. Comfort around resting

Manure on the body
Bursitis

4. Thermal comfort

Panting
Huddling
Shivering










GOOD HEALTH

6. Absence of injuries

Wounds on body
Tail biting
Lameness











GOOD HEALTH

7. Absence of disease

Mortality, coughing, sneezing, pumping, twisted snouts, rectal prolapse, scouring, skin condition, ruptures and hernias, pneumonia, pleurisy, pericarditis, white spots on the liver








APPROPRIATE BEHAVIOUR

9. Expression of social behaviour

Positive





Negative



10. Expression of other behaviours

Exploratory behaviour







1. ACTIVE
2. RELAXED
3. FEARFUL
4. AGITATED
5. CALM
6. CONTENT
7. TENSE
8. ENJOYING
9. FRUSTRATED
10. SOCIABLE
11. BORED
12. PLAYFUL
13. POSITIVELY OCCUPIED
14. LISTLESS
15. LIVELY
16. INDIFFERENT
17. IRRITABLE
18. AIMLESS
19. HAPPY
20. DISTRESSED


APPROPRIATE BEHAVIOUR

11. Good human-animal relationship

Panic to human presence






No panic to human presence



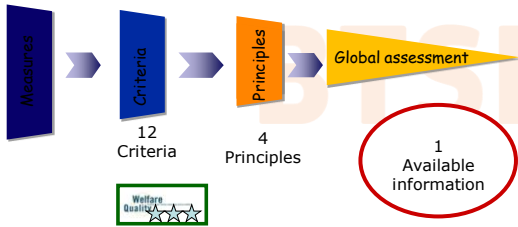
12. Positive emotional state

QBA



Integration of the measures



Measures

Criteria


12 Criteria

Principles

4 Principles

Global assessment

1 Available information






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THANKS!!!

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