

Animal welfare protocol for free roaming pigs

Farm name:

Date:

Farm data:

Breed/hybrid	
Number of sows/yr	
Recruitment rate (new sows per yr)	
Average litters per sow per year	
Average litter size	
Number of boars per farm	
Sows per boar	

Number of slaughtered/yr	
Number of stillborn per year	
Piglet mortality % per year	
Age at weaning (days)	
Management system	

Outdoor area	Percentage of animals
Outdoor all year	
Indoor with outdoor access	
Indoor/outdoor ad lib.	
No outdoor access	
Type of outdoor flooring	Concrete, pasture, wooden, other

Production type	Number of animals sold/slaughtered per year
Weaners	
Finishers	
Sows	

Tail docked	Before arrival at farm	At farm	None
Teeth clipped	Before arrival at farm	At farm	None
Teeth filed	Before arrival at farm	At farm	None
Nose rings	Before arrival at farm	At farm	None

Housing type (number)	No.	Size (m²)	No. of animals	Isolated? Yes/No	Ground material*	Bedding **	Amount of bedding\$	Artificial light? Y/N	Air quality#	Temp.
House/barn:										
Farrowing huts:										
Huts for growers:										
Other:										

*Slatted concrete, solid concrete, Wood, Metal, Plastic, deep litter, soil/pasture, Other

**Wood chips, wood shavings, straw, hay, other

§How to assess? 0: abundant, 1: moderate, 2: sparsely/nothing? With pictures?

#Poor, sufficient, good.

	Size (m²)	No. of animals	Ground material*	Bedding **	Amount of bedding\$	Artificial light? Y/N
Outdoor concrete pen						
Outdoor pastures						
Other:						

Area per animal

<u>Indoor</u>	Area m²/ pig (sow, boar, grower)
Sow with piglets	
Sow without piglets	
Boar	
Grower	

Outdoor	Area m²/ pig (sow, boar, grower)
Sow with piglets	
Sow without piglets	
Boar	
Grower	

Moving of the huts	Time span (X)
Huts are moved within the same pasture after X weeks	Weeks
Huts are moved to a new pasture after X weeks	Weeks
Pasture is not used for animals for X months	Months
Cleaning frequency of the hut (e.g., after each group; twice a year, etc.)	
Disinfectant type	

Enrichment type	Indoor	Outdoor	Comment
Straw/roughage			
Fixed wood			
Loose wood			
Burlap sack			
Chain			
Fixed toys			E.g., ball, chains

Loose toys			
Soil			
Mud bath			
Shower			
Other:			

Description of outdoor area (grass cover, trees/wood, mud baths, stream, etc)

concentrate feeding areas per <ul style="list-style-type: none"> • Sow • Boar • grower 	
Concentrate <ul style="list-style-type: none"> • Type • amount per animal 	 kg/ad lib.
Roughage <ul style="list-style-type: none"> • Type • amount per animal 	 kg/ad lib.
How often is roughage administered	
Roughage origin	
Water source <ul style="list-style-type: none"> • Type • No. per animal • Accessibility 	 stream/nipples/trough/ Sufficient/ per animal Supplies all animals/risk of undersupply for some animals

Medication last 12 months:	
Antibiotics (treatments per animal).....	
Vaccine (generic and frequency).....	
Ectoparasiticides (generic and freq.).....	
Endoparasiticides (generic and freq.).....	

Mortality (past 12 mo)	Died %		Main cause:	
	Euthanised %			

If >40 animals (sows and/or growers), choose <5 groups for group assessment.

If <40 animals, assess all animals.

Group no.	1	2	3	4	5	Total
No. of pigs in group						
No. of pigs assessed in group						

Include sitting/standing animals, not eating/drinking or lying animals

Group No.	1	2	3	4	5	Total	Not available
No. of pigs using enrichment: substrate/objects:							
No. of pigs manipulating other pigs/pen equipment/floor/muck							
No. of pigs stone chewing							
No. Of pigs <u>M</u> ud bathing, <u>S</u> howering, <u>W</u> ater bathing, bathing in <u>M</u> Anure	M: S: W: MA:	M: S: W: MA:	M: S: W: MA:	M: S: W: MA:	M: S: W: MA:	M: S: W: MA:	

No. Of pigs playing/socializing with each other							
No. of pigs rooting in the ground							
No. of pigs eating roughage							

Register number of cases in each group/pen.

Group No. No. animals with condition	1	2	3	4	5	Total
Runts (stunted growth)						
Pigs chewing on tails						
Ear lesions						
Short tails						
Healed	_____	_____	_____	_____	_____	_____
Active inflammation	_____	_____	_____	_____	_____	_____
Flank wounds						
Shoulder lesions						
Swelling at knee/hock						
Ocular discharge						
Lame pigs						
Wounds						
>5 cm Ø	_____	_____	_____	_____	_____	_____
>15 scratches (one side of body)	_____	_____	_____	_____	_____	_____
Skin irritations (parasites)						

Conflicts (2 pigs fighting=2)						
Respiratory symptoms						
Sunburn						
Diarrhoea						
Vaginal discharge						
Vulva lesions						
Rectum prolaps						
Hernia						

Group No.	1	2	3	4	5	Total
Huddling (to keep warm)						
Widely spread (too warm)						
Panting						
Shivering						
Salivating (frothy)						
Tails down						
Farrowing in						
• Individual						
• Stable groups						
• Dynamic groups						

Pigs in need of further care

Group or Pen and Animal ID									Total number:
Reason:									

Reasons: Lameness, Tail biting, Trauma, Hernia (umbilical/scrotal, other), Rectum prolapse, Other (short description).

Hospitalised animals (hospital pen): reasons

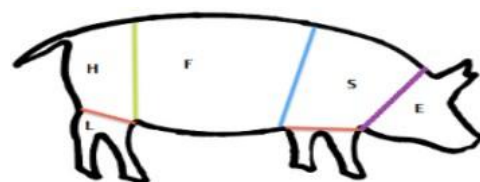
Lame		Thin sows		Skin conditions		Wounds	
Shoulder wounds		Vulva lesions		Leg swellings		Tail biting	
Other							

Comments:

Individual assessments

Assess 20 pigs (sows/growing pigs) individually. If less than 20: assess all.

Body areas: If >25% affected: Shoulder, Hindquarters, Legs, Flank, Ears and head. No obvious pattern: General.
Dirty: too dirty to assess.



Animal ID	Score	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	Total
Injuries/ scratches (body marks)	0																					
	1																					
	2																					
	D																					
Predominant body region																						
Shoulder wound	0																					
	1																					
	2																					
	D																					
Vulva lesions	0																					
	1																					
	2																					
Tail lesions	0																					
	1																					
	2																					
	D																					
Manure on body 0: clean 1: <30% 2: >30% of body surface	0																					
	1																					
	2																					
Leg swellings	0																					
	1																					

	2																							
Diarrhoea 0: normal faeces 1: mild pasty 2: severe, watery	0																							
	1																							
	2																							
Confidence in humans*	0																							
	1																							
	2																							
Body condition <3 (use separate form)	0																							
	1																							
	2																							

*Confidence in humans:

2. Low: pig moves away without coming back within 10 seconds

1. Intermediate: pig moves away when touched without coming back within 10 seconds

0. High: Pig allows being touches, may withdraw but stays close

Comments:



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