



Question type	primary	sub	piglet	units	grower	finisher	Question	Choice A	Choice B	Original choices (the choice of "I don't know" was always included as one choice)	Choice C	Choice D	Choice E
x							your gender	male	female				
x							contact details						
x							Your main production type?	piglet production	finisher production	from birth to slaughter		other	
x							Number of pigs at farm (piglets, sows, growers, finishers, others)?	(open question)					
x							Number of separate buildings/ units / rooms at farm piglets?	(open question)					
x							Breed of the pig?	landrace	2-way crossbred	3-way crossbred		other	
x							Do you analyse your own food ingredients (raw materials: cereals etc)?	YES	NO	We don't use farm feeds at all			
x							How often do you analyse them?	with every new raw material used	yearly (from every harvest)	not that often			
x							Who makes feeding recipes for the farm?	farmer	feeding company	farmer and feeding company together		adviser	We don't analyse our raw materials
x							Has there been any frequent sickness with your pigs during years 2009-2010 / 2010-2011*	YES	NO				We don't use our own raw materials
													someone else
Environment	x		x	x	x	x	Are there slatted floors?	YES	NO				
	x		x	x	x	x	How large is the slatted area?	less than 50%	50%	more than 50%		100%	
	x		x				What is the weaning age of piglets?	early 7-20 d	normal 21-35 d	late over 36 d			
	x		x				Do you remove the sow or the piglets at the time of weaning?	sow	piglets	both			
	x		x	x	x	x	Are there pigs of both sex in a pen?	YES	NO	BOTH			
	x		x				Number of animals in a pen most often?	less than 10	10 to 19	20 or more			all choices equally
	x		x				How many pigs per drinking place (nipples)?	from 1 to 5	from 6 to 10	more than 10			
	x		x	x	x	x	Do you mix pigs from different pens together during the growth period?	YES	NO	usually no, but if needed			
	x		x	x	x	x	How many times in this unit are the pigs mixed together?	0-1 times	mostly once	mostly twice			mostly 3 or more times
	x		x	x	x	x	Is the reason of moving pigs to another pen the weight of the pig?	YES	NO				
	x		x				How often and based on what do you empty the slurry channels?	(open question)					
	x		x				Do you use litter?	YES	NO				
	x		x				How often is this added?	once a day	not so often	more often			
Feeding	x		x				Do the piglets get any additional feed in the piglet unit?	YES	NO				
	x		x				For how long do the piglets get extra food before weaning?	1 week or less	less than 2 weeks	more than 2 weeks		less than 4 weeks	4 weeks or more
	x		x				Does the feed for piglets contain any animal protein?	YES	NO				
	x		x				How is the extra meal for piglets given?	liquid feed	dry feed	liquid and dry feed			
	x		x				Pellet size of the purchased compound feed?	less than 3.5 mm	3.5 mm or more	with weighing and feedmaterial changes			It is not pelleted
	x		x	x	x	x	How often are the feed formulations updated for pigs at certain age?	YES	NO				more often than that
	x		x				Do you use liquid feeding?	YES	NO				
	x		x	x	x	x	How long is the liquid feed prepared (mixing and soaking before feeding)?	0-30 min	31-60 min	61-120 min			
	x		x				Do you add any organic acids to liquid feed?	YES	NO				
	x		x				Do you add any water to the dry feed before feeding?	YES	NO				
	x		x				What is the feed type you use?	pelleted	meal	other			
	x		x				Is there a change from/to dry/so from liquid feeds when pigs come into the finisher unit?	YES	NO				
	x		x	x	x	x	Is there free access to feed 24hr?	YES	NO	YES, but some limitations at the time of weaning			Some other way of restriction
	x		x	x	x	x	If the feeding is not free, what kind is it (in grower unit)?	The amount of feed is restricted at some times but not always	Several meals but as much feed as the pigs eat, between the meals no feed available.	Quantitatively restricted feeding, the amount of feed offered is less than the pigs would eat.			
	x		x	x	x	x	If the feeding is not free, what kind is it (in finisher unit)?	At the beginning of finishing period it is free, but at the end the amount of feed available is limited	Several meals but as much feed as the pigs eat, between the meals no feed available.	Quantitatively restricted feeding, the amount of feed offered is less than the pigs would eat.			
	x		x	x	x	x	How many meals have the pigs per day?	1	2	3		4	5 or more
	x		x				Does the amount of meals change within the grower stage?	YES	NO	Yes, meals are increasing in number			
	x		x				Does the amount of meals change within the finishing stage?	YES	NO	Yes, meals are increasing in number			
	x		x	x	x	x	Do you use feed mixtures made particularly for this age of pigs?	YES	NO				
	x		x				How is the feed given?	from trough (pigs eating together)	from automat (pigs eating at different times)	other way			
	x		x	x	x	x	Can all pigs eat at the same time from the trough?	YES	NO				
	x		x				For one feeding place how many pigs are there in the pen?	1-6	6-10	11-15		16 or more	we don't have automated feeding places
	x		x	x	x	x	Is the amount of food per pen checked and changed if needed?	YES	NO				
	x		x	x	x	x	How often is the amount of food per pen checked?	after every meal	once a day	once a week		something else	
	x		x				In time of feed change, how many days is the old and new feed/mixture given together?	1-2d	3-4d	5-6d		7d or longer	
	x		x				How many feeding phases are there (according to energy and protein)?	1	2	3		4 or more	
	x		x				At what weight are the changes from one phase to another?	around 30kg	around 40kg	around 50kg			in between 70-110kg
Other	x		x				Do the pigs come from your own sow unit into this unit?	NO	YES	Some do			
	x		x				Is there weaning related diarrhoea with pigs?	YES	NO	Sometimes			
	x		x				How many days does the weaning diarrhoea last?	1 to 2	3 to 4	5 to 6		7 or more days	
	x		x				Is it treated in some way?	YES	NO	only with severe cases			
	x		x	x	x	x	Do you change routines (any) if tail biting starts?	YES	NO	we don't have tail biting with this age of pig			
	x		x	x	x	x	What is to be changed first?	enrichments given	removal of pigs	medication		change in feeding	something else
	x		x	x	x	x	What else is to be changed?	enrichments given	removal of pigs	medication		change in feeding	something else
	x		x				Is the feeding technique automated at some level?	partly	not at all				
	x		x				Your opinion, what kind of tail biting is seen with your pigs?	continuous	from time to time	not tail biting at any time			
	x		x				What proportion of pens have tail biting incidents?	less than half of the pens	more than half of the pens	almost all pigs			
	x		x				How many pigs have been bitten in the pen (on average)?	a few pigs	more or less half of the pigs				

* It was told, that this means animal protein source such as fish-, meal- or bonemmeal, but other than milk replacer

¹ It was told, that liquid feeding means dry feed offered after adding of water and simmering

² Free = food always present (at night and between the feeding times) Restricted = separate feeding times or restricted at night

³ It was told, that this means feeds designed or sold for weaners or finishers, not the feeds made originally for sows which sometimes are used for growers or finishers too

⁴ It was told, that litter means substrate at the floor to keep the floor dry (not only for playing with or enrichment use)

⁵ More than one choice possible to pick in many feeding changes

⁶ It was told, that for example, if there is a feeder with two eating places and 10 pigs in that pen, there is 10:2=5 pigs per feeding place

⁷ The years at which the original Skava recordings of the farm were from.

* List of units within the question was separately asked