

- 1 Inputs for the default situation and the increase or decrease in inputs compared to the default situation and the variation (Var; ±) per
- 2 measure for sow husbandry.

Input name	Input Default	Adjusted inputs per measure and their variation																								
		μ PM1 ^a	Var PM1	μ PM2	Var PM2	μ PM3	Var PM3	μ PM4	Var PM4	μ TB1	Var TB1	μ TB2	Var TB2	μ TB3	Var TB3	μ TB4	Var TB4	μ HS1	Var HS1	μ HS2	Var HS2	μ HS3	Var HS3	μ HS4	Var HS4	
Technical numbers																										
Labor (hours/year)	3120	b																								
Company size (sow places)	440																									
Occupation (% sows/sow places)	91																									
Number of litters (sow/year)	2.36																									
Litter size (live piglets/litter)	13.8																									
Piglet mortality (%)	13	-1.00	0.50	-0.80	0.50	-0.60	0.50	-0.60	0.50																	
Replacement breeding sows (%)	43																									
Selection sow before first insemination (%)	5																									
Sow feed intake (kg/sow/year)	1165	13.60	6.66	10.70	6.88	8.20	6.70	8.20	6.70																	
Piglet feed intake (kg/piglet)	28.2																									
Buildings and inventory																										
Investment building and inventory (€/sow place)	2500																									
Depreciation period investment (year)	20																									
Residual value (€/sow place)	0																									
Market interest (%)	6																									
Maintenance (% of investment)	1.5																									
Prices																										
Sow price (€/sow)	163																									
Breeding sow price (€/sow)	250																									
Selected breeding sow price (€/sow)	121.2																									
Sow feed (€/100 kg)	23.5																									

Piglet price (€/piglet)	43																			
Piglet feed (€/100 kg)	35																			
Labor (€/hour)	22.85																			
Other costs																				
Health care (€/sow/year)	69																			
Transport costs piglets (€/piglet)	27																			
Heating (€/sow/year)	29																			
Lighting (€/sow/year)	2.7																			
Pen adjustments (€/sow/year)	0																			
Cameras (€/sow/year)	0	1.77	0.09																	
Jute bag (€/sow/year)	0			4.33	0.22															
Straw (€/sow/year)	0					0.08	0.01													
Environmental enrichment (€/sow/year)	0																			
Pain relief tail docking (€/sow/year)	0																			
Other costs (e.g. water) (€/sow/year)	60																			
Time management																				
Time cleaning sow pen (hours/sow/year)	0.30																			
Time cleaning farrowing pen (hours/sow/year)	0.23																			
Time cleaning farrowing pen after weaning (hours/sow/year)	3.22																			
Time cleaning weaned piglet pen (hours/sow/year)	0.18																			
Time tail docking (hours/sow/year)	0.92																			
Time checks piglets first 2 days (hours/sow/year)	0.30	0.06	0.00																	
Time other tasks (hours/sow/year)	5.22			0.03	0.00															

3^a Measure abbreviations: PM: piglet mortality, TB: tail biting, IH: indoor housing gestating sows, PM1: camera surveillance farrowing pen, PM2: jute sack provision
4 sow, PM3: straw provision sow, PM4: sow habituation, TB1: tail docking with analgesia, TB2: biting material for weaned piglets, TB3: straw playing area for weaned
5 piglets, TB4: chopped straw provision for weaned piglets, IH1: free range outside area, IH2: straw provision, IH3: straw provision and window, IH4: straw provision,
6 window and increased group size.

7^b When no value is given it was assumed to be the same value as in the default situation.