

Questionnaire laying period	Answer Options
Housing System	Floor / Aviary
Manufacturer and Type of the Aviary	
Number of laying hens in the flock	
Wintergarden available	Yes / No
Free range available	Yes / No
Hens confined to part of the barn (e.g. aviary compartment) at placement	Yes / No
If yes, length (days) and stocking rates (hens/m ²)	
Total area of barn (length x width)	
Usable area of barn (length x width)	
Aviary: Number of tiers / size (length x width)	
Mixed flock	Yes / No, if yes: percentage/hybrid line
Hybrid line(s)	
Number of staff attending to the flock	
Specialization of staff	Farmer / Family members / trained staff / semi-skilled staff
Number of animal inspections per day	
Number of minutes spent with the birds in the barn per day	
Extra animal inspections after placement	Yes / No
Catching and inspection of individual birds	Yes / No
If yes, reasons	General inspection / weighing / others
Electronic scales in the barn	No /Yes: plate scales / perch scales
Hens easy to catch	Yes / No
Regular pest control	Yes / No
If yes, how many times	
No of times manure belt is running	
Day of life perches are available	From placement / From day of life ...
Day of life litter is available	From placement / From day of life ...
Litter material	
Current Litter depth (cm)	
Litter quality	Completely dry and flaky, i.e. moves easily with the foot / Dry but not easy to move with foot / Leaves imprint of foot and will form a ball if compacted, but ball does not stay together well / Sticks to boots and sticks readily in a ball if compacted / Sticks to boots once the cap or compacted crust is broken
Litter renewel	Yes / No
Enrichment	Ytong stones / straw bales / loose straw / hey / gras / others:
Additional dust bath	Yes / No
If yes, dust bath material	Sand / rock flour / dust / other
Daylight available	Yes / No
If yes, window material	Glass / synthetic material / both
% window:floor surface area	
Possibility to black out windows	Yes / No
Dim phase	Yes / No
Dim phase	Yes / No
Length of dim phase in minutes	
Light program according to management guides	Yes / No
Artificial light	Low frequency tubes/ high frequency tubes/ LED-hoses / energy saving lightning bulbs / conventional lightening bulbs
UV-Spectrum	Yes / No
Electronic ballast	Yes / No
Color of artificial light	
Emergency light	Yes / No

Emergency power generator	Yes / No
Vaccination program according to management guides	Yes / No
Current Diseases	Yes / No
Current veterinary diagnoses	
SOP with injured/ill birds	ward / killed / remain in the flock
Current problems with red mite	Yes / No
Regular mite control	Yes / No
If yes, times and means used	
Current problems with feather pecking	Yes / No
If yes, age at which the problem started	
Current problems with cannibalism	Yes / No
If yes, age at which the problem started	Yes / No
Average mortality in former rearing periods	
Number of cadavers found in the barn	
Injured birds in the barn	Yes / No
Elevated perches	Yes / No
Form of perches	Round / angular / mushroom shaped
Material of perches	Metal / plastic / wood
Diameter of perches	
Total length of perches (cm)	
Ventilation system	Underpressure / overpressure
Subjective Air quality	Good / medium / poor
Subjective detection of ammonia	Yes / No
Subjective amount of dust in the air	Low / medium /high
Feeding system	Chain / round trough
Total length of feed chains or number and size of round feeders	
Feed structure	Floury / pellets / other
Grit available	Yes / No
Drinking system	Nipple drinkers / other
Total number of drinkers	

Questionnaire rearing period	Answer options
Housing System	Floor Rearing / Rearing Aviary
Manufacturer and Type of the Aviary	
Number of Pullets in the flock	
Pullets reared in a different facility during the first 5 weeks of life?	Yes / No
Pullets confined to part of the rearing facility (e.g. aviary compartment) at placement	Yes / No
If yes, length (days) and stocking rates (pullets/m ²)	
Total area (length x width)	
Usable area (length x width x height)	
Aviary: Number of tiers / size (length x width)	
Mixed flock	Yes / No, if yes: percentage/hybrid line
Hybrid line(s)	
Number of staff attending to the flock	
Specialization of staff	Farmer / Family members / trained staff / semi-skilled staff
Number of animal inspections per day	
Number of minutes spent with the birds in the barn per day	
Extra animal inspections after placement	Yes / No
Catching and inspection of individual birds	Yes / No
If yes, reasons	General inspection / weighing / others

Electronic scales in the Barn	No /Yes: plate scales / perch scales
Pullets easy to catch	Yes / No
Floor area of the barn (m ²)	
Regular pest control	Yes / No
If yes, how many times	
No of times manure belt is running	
Day of life perches are available	
Day of life litter is available	From placement / From day of life ...
Litter material	
Current Litter depth (cm)	
Litter quality	Completely dry and flaky, i.e. moves easily with the foot / Dry but not easy to move with foot / Leaves imprint of foot and will form a ball if compacted, but ball does not stay together well / Sticks to boots and sticks readily in a ball if compacted / Sticks to boots once the cap or compacted crust is broken
Litter renewal (times and height in cm)	
Enrichment	Ytong stones / straw bales / loose straw / hey / gras / other, please specify:
Additional dust bath	Yes / No
If yes, dust bath material	Sand / rock flour / dust / other
Daylight available	Yes / No
If yes, window material	Glass / synthetic material / both
% window:floor surface area	
Possibility to black out windows	Yes / No
Dim phase	Yes / No
Dim phase	Yes / No
Length of dim phase in minutes	
Light program according to management guides	Yes / No
Artificial light	Low frequency tubes/ high frequency tubes/ LED-hoses / energy saving lightning bulbs / conventional lightening bulbs
UV-Spectrum	Yes / No
Electronic ballast	Yes / No
Color of artificial light	
Emergency light	Yes / No
Emergency power generator	Yes / No
Vaccination program according to management guides	Yes / No
Current Diseases	Yes / No
Current veterinary diagnoses	
SOP with injured/ill birds	ward / killed / remain in the flock
Current problems with red mite	Yes / No
Regular mite control	Yes / No
If yes, times and means used	
Current problems with Featherpecking	Yes / No
If yes, age at which the problem started	
Current problems with cannibalism	Yes / No
If yes, age at which the problem started	Yes / No
Average mortality in former rearing periods	
Number of cadavers found in the barn	
Injured birds in the barn	Yes / No
Additional feeding at placement	Chick paper / plates / other /none
Elevated perches	Yes / No
Form of perches	Round / angular / mushroom shaped
Material of perches	Metal / plastic / wood

Diameter of perches	
Total length of perches (cm)	
Ventilation system	Underpressure / overpressure
Subjective Air quality	Good / medium / poor
Subjective detection of ammonia	Yes / No
Subjective amount of dust in the air	Low / medium / high
Feeding system	Chain / round trough
Total length of feed chains or number and size of round feeders	
Feed structure	Floury / pellets / other
Grit available	Yes / No
Drinking system	Nipple drinkers / other
Total number of drinkers	
Coordination with laying farm concerning feeding, lighting and housing system	Yes / No