Questionnaire: Sows Pregnant

General

This first set of questions (General) can be completed prior to entering the animal facility.
For the actual scan (following section) it is recommended to start at least one hour after feeding.

Farm management

If you completed this scan already in the past, you will see the previously introduced answers for some of the questions.
Please, check whether they are still valid and modify the answer if required.

Date of the scan

Your name (or description) for the unit
The purpose of this name is to distinguish between your own buildings or units if you have multiple ones.

Enter the total number of pregnant sows present:

What type of housing system do you have for this unit?
(1 optie aanduiden)

- ○ barn with attached outdoor area
- ○ (mobile) huts

Are there any parts of the outdoor area that are rarely used?

- ○ Ja
- ○ Nee

Which housing system is in place for the majority of the pregnant sows?
(1 optie aanduiden)

- ○ individual housing
- ○ group housing (stable groups)
- ○ group housing (dynamic groups)

Which floor type(s) does the indoor housing unit have?
You can select multiple options.

(Meerdere opties mogelijk)

- ☐ fully slatted floor
- ☐ semi-slatted floor
- ☐ solid concrete floor (without straw)
- ☐ deep litter
- ☐ concrete floor + some straw
- ☐ soil
- ☐ other

Which floor type(s) does the outdoor range have?
You can select multiple options.
(Meerdere opties mogelijk)

- ☐ fully slatted floor
- ☐ semi-slatted floor
- ☐ solid concrete floor (without straw)
- ☐ deep litter
- ☐ concrete floor + some straw
- ☐ soil/pasture
- ☐ other

Which type(s) of enrichment is/are provided indoor?
You can select multiple options.
(Meerdere opties mogelijk)

- ☐ straw - roughage
- ☐ fixed wood
- ☐ loose wood
- ☐ burlap sack
- ☐ chain
- ☐ fixed toys (by chain or bar)
- ☐ loose toys
- ☐ soil
- ☐ other
- ☐ none

Which type(s) of enrichment is/are provided outdoor?
You can select multiple options.
(Meerdere opties mogelijk)

- ☐ straw - roughage
- ☐ fixed wood
- ☐ loose wood
- ☐ burlap sack
- ☐ chain
- ☐ fixed toys (by chain or bar)
- ☐ loose toys

- [ ] soil
- [ ] pasture (grass)
- [ ] wallow
- [ ] other
- [ ] none

Are (some of) the sows nose ringed?

- ○ Ja
- ○ Nee

Do you observe sows with signs of sunburn at any point in time during the year?
This occurs in white/light coloured pigs on the exposed body areas (back, ears, flank). Signs of sunburn are **reddening**, **oedema** and possibly **scabs** and **peeling** of the skin.
(1 optie aanduiden)

- ○ Yes
- ○ Occasionally
- ○ No

Group Observations

1/5

If you have < 50 pregnant sows, assess all of them. If you have > 50 pregnant sows, assess at least 50 animals from at least 2 different pens (if available).

Assess all animals from the selected pen(s).
Select pens evenly distributed throughout the housing unit to ensure a representative sample. Make sure you assess sows in different gestation stages!

For each pen, you may choose to assess the animals either inside or outside, depending on where visibility is best. Please give the animals in the pen a moment to get used to your presence before starting the observation.

Observation number:
(1 optie aanduiden)

- ○ all groups are assessed
- ○ observation of the 1st group
- ○ observation of the 2nd group
- ○ observation of the 3rd group
- ○ observation of the 4th group
- ○ observation of the 5th group

Have the sows been housed in this group for at least 14 days?

- ○ Ja
- ○ Nee

How many pregnant sows are observed for this group assessment?

Observe how the sows are distributed.
A. huddling (more than 50% of the sows)

○ Ja

○ Nee

B. widely spread through the pen and lying on their flank (more than 50% of the pigs)

○ Ja

○ Nee

Count (using the + button) the number of sows that are:
A. panting:

[   ]

B. shivering:

[   ]

Record the number of pregnant sows using the enrichment in this pen.
Please, taken into account the options you selected earlier:
straw - roughage, fixed wood, loose wood, burlap sack, chain, fixed toys (by chain or bar), loose toys, soil.

[   ]

Count (using the + button) the number of sows with frothy saliva:

[   ]

Count (using the + button) the number of pregnant sows that are in a bad general state (requiring further care):
animals which are obviously in pain, sick, needing further care to avoid complications, dull or apathic (not bright, alert & responsive), isolated from the group (lying, standing, eating), with dull/sunken eyes, blue/red ears or snout, pale skin colour, rapid respiration, and animals with significant deformation or large hernia (bigger than the distance between the actual hernia and the floor)

[   ]

Might some animals in the group have difficulties accessing good quality drinking water at some point in time?
This could be due to both **physical factors** (e.g. not enough drinkers) or **social factors** (e.g. risk of aggression) that impede access.

○ Ja

○ Nee

Do you observe any signs of liquid faeces in the pen (on walls or floor)?

○ Ja

○ Nee

Did you hear any coughing and/or sneezing in this group during this assessment?

○ Ja

○ Nee

If you have < 50 pregnant sows, assess all of them. If you have > 50 pregnant sows, assess at least 50 animals from at least 2 different pens (if available).

Assess all animals from the selected pen(s).
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- ○ observation of the 1st group
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- ○ observation of the 3rd group
- ○ observation of the 4th group
- ○ observation of the 5th group

Have the sows been housed in this group for at least 14 days?

- ○ Ja
- ○ Nee

How many pregnant sows are observed for this group assessment?

[   ]

Observe how the sows are distributed.
A. huddling (more than 50% of the sows)

- ○ Ja
- ○ Nee

B. widely spread through the pen and lying on their flank (more than 50% of the pigs)

- ○ Ja
- ○ Nee

Count (using the + button) the number of sows that are:
A. panting:

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Please, taken into account the options you selected earlier:
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○ Ja

○ Nee

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Did you hear any coughing and/or sneezing in this group during this assessment?

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3/5

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○ observation of the 2nd group

○ observation of the 3rd group

○ observation of the 4th group

○ observation of the 5th group

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○ Ja

○ Nee

How many pregnant sows are observed for this group assessment?

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Observe how the sows are distributed.
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○ Nee

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○ observation of the 4th group

○ observation of the 5th group

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5/5

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○ Ja

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Did you hear any coughing and/or sneezing in this group during this assessment?

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○ Nee

Individual Observations

1/10

Now start assessing individual sows. Please, make sure to randomly select sows in different gestation stages!

Observation number:
(1 optie aanduiden)

○ all pregnant sows are assessed (if < 10 present)

○ observation of the 1st sow

○ observation of the 2nd sow

○ observation of the 3rd sow

○ observation of the 4th sow

○ observation of the 5th sow

○ observation of the 6th sow

○ observation of the 7th sow

○ observation of the 8th sow

○ observation of the 9th sow

○ observation of the 10th sow

Score the confidence in humans for this sow:

Calmly enter the pen and walk around to ensure the sows observed your presence. The test consists of 3 steps (each of 10 seconds):
1) you walk towards front side of the sow and stop at approximately 50 cm to 1 m
2) you squat in front of the sow
3) you try to touch the sow between its ears

To know which score to assign, click the i-icon behind each score or see the image.
(1 optie aanduiden)

○ score 1

○ score 2

○ score 3

Does the sow display laboured breathing (pumping)?

○ Ja

○ Nee

Score the body condition of the sow (see images):
The **spine**, **hip** and **pin bones** are visually inspected (and then palpated if possible).
(1 optie aanduiden)

○ normal

○ too lean

○ too fat

Does the sow have any shoulder lesions?

○ Ja

○ Nee

Does the sow have any clear swelling at the knee or hock region?
swelling at least as large as the **diameter of the leg** at the level of the swelling, **or** swelling **with wound**

○ Ja

○ Nee

Is the sow covered with faeces / manure (at least 50% of its skin surface at one side of the body)?
Note that this parameter should not be confused with dirtiness: an **outdoor pig** soiled with **mud** (on a **warm day**) is normal, and does not necessarily indicate a welfare problem.

○ Ja

○ Nee

Does the sow have:
A. any skin wounds larger than 5 cm (flank, legs)?

○ Ja

○ Nee

B. at least 15 scratches on one side?

○ Ja

○ Nee

Does the sow have:
any signs of skin irritation or parasites?

○ Ja

○ Nee

Does the sow have:
A. any ear lesions?

○ Ja

○ Nee

B. any tail lesions?

○ Ja

○ Nee

Does the sow have any signs of:
(check at a distance of about 1 meter)
A. prolapse?

○ Ja

○ Nee

B. abnormal vaginal discharge?

○ Ja

○ Nee

C. vulva lesions?

○ Ja

○ Nee

Is the sow obviously lame?
obviously lame: clearly visible reduced weight bearing on one limb ("limping") up to sow being unable to walk

○ Ja

○ Nee

2/10

Now start assessing individual sows. Please, make sure to randomly select sows in different gestation stages!

Observation number:
(1 optie aanduiden)

○ all pregnant sows are assessed (if < 10 present)

○ observation of the 1st sow

○ observation of the 2nd sow

○ observation of the 3rd sow

○ observation of the 4th sow

○ observation of the 5th sow

○ observation of the 6th sow

○ observation of the 7th sow

○ observation of the 8th sow

○ observation of the 9th sow

○ observation of the 10th sow

Score the confidence in humans for this sow:

Calmly enter the pen and walk around to ensure the sows observed your presence. The test consists of 3 steps (each of 10 seconds):
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To know which score to assign, click the i-icon behind each score or see the image.
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The **spine**, **hip** and **pin bones** are visually inspected (and then palpated if possible).
(1 optie aanduiden)

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○ Ja

○ Nee

Does the sow have:
A. any skin wounds larger than 5 cm (flank, legs)?

○ Ja

○ Nee

B. at least 15 scratches on one side?

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Does the sow have:
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obviously lame: clearly visible reduced weight bearing on one limb ("limping") up to sow being unable to walk

○ Ja

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3/10

Now start assessing individual sows. Please, make sure to randomly select sows in different gestation stages!

Observation number:
(1 optie aanduiden)

○ all pregnant sows are assessed (if < 10 present)

○ observation of the 1st sow

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4/10

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Does the sow have any clear swelling at the knee or hock region?
swelling at least as large as the **diameter of the leg** at the level of the swelling, **or** swelling **with wound**

○ Ja

○ Nee

Is the sow covered with faeces / manure (at least 50% of its skin surface at one side of the body)?
Note that this parameter should not be confused with dirtiness: an **outdoor pig** soiled with **mud** (on a **warm day**) is normal, and does not necessarily indicate a welfare problem.

○ Ja

○ Nee

Does the sow have:
A. any skin wounds larger than 5 cm (flank, legs)?

○ Ja

○ Nee

B. at least 15 scratches on one side?

○ Ja

○ Nee

Does the sow have:
any signs of skin irritation or parasites?

○ Ja

○ Nee

Does the sow have:
A. any ear lesions?

○ Ja

○ Nee

B. any tail lesions?

○ Ja

○ Nee

Does the sow have any signs of:
(check at a distance of about 1 meter)
A. prolapse?

○ Ja

○ Nee

B. abnormal vaginal discharge?

○ Ja

○ Nee

C. vulva lesions?

○ Ja

○ Nee

Is the sow obviously lame?
obviously lame: clearly visible reduced weight bearing on one limb ("limping") up to sow being unable to walk

○ Ja

○ Nee

6/10

Now start assessing individual sows. Please, make sure to randomly select sows in different gestation stages!

Observation number:
(1 optie aanduiden)

○ all pregnant sows are assessed (if < 10 present)

○ observation of the 1st sow

○ observation of the 2nd sow

○ observation of the 3rd sow

○ observation of the 4th sow

○ observation of the 5th sow

○ observation of the 6th sow

○ observation of the 7th sow

○ observation of the 8th sow

○ observation of the 9th sow

○ observation of the 10th sow

Score the confidence in humans for this sow:

Calmly enter the pen and walk around to ensure the sows observed your presence. The test consists of 3 steps (each of 10 seconds):
1) you walk towards front side of the sow and stop at approximately 50 cm to 1 m
2) you squat in front of the sow
3) you try to touch the sow between its ears

To know which score to assign, click the i-icon behind each score or see the image.
(1 optie aanduiden)

○ score 1

○ score 2

○ score 3

Does the sow display laboured breathing (pumping)?

○ Ja

○ Nee

Score the body condition of the sow (see images):
The **spine**, **hip** and **pin bones** are visually inspected (and then palpated if possible).
(1 optie aanduiden)

○ normal

○ too lean

○ too fat

Does the sow have any shoulder lesions?

○ Ja

○ Nee

Does the sow have any clear swelling at the knee or hock region?
swelling at least as large as the **diameter of the leg** at the level of the swelling, **or** swelling **with wound**

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Remarks
Please, record any additional information that might be **relevant** for the **interpretation** of the results of the scan. (such as: heat wave, disease outbreak, ...)

[ ]

End of Assessment
Please, confirm that these results are valid and accurate?
If you did not perform a valid and accurate scan, these results should NOT be included in the benchmarking.
You will receive an automated report of the uploaded results in any case.

○ Ja

○ Nee

Please, upload your responses by clicking the cloud icon below.