

H27 - Adjustment of cover in weaner facilities during summer



Correct lying behaviour. The temperature is right

In general

1. Check on the pigs in the afternoon.
2. Compare the room temperature with the desired temperature in the display of the ventilation system.
3. Look at the pigs through the window in the door and walk quietly into the section and observe the pigs.
4. Covers must always have a bent front edge.



The pigs lie along the pen partition: It is too warm

The pigs are too warm

- If the room temperature is 1-3°C above desired temperature: raise cover so that the upper temperature in the creep is lowered by 1-3°C. See on the back.
- If the room temperature is more than 3°C higher than the desired temperature or the weather forecast predicts warm weather: raise the cover completely and, depending on the size of the pigs, increase the desired room temperature by 2 - 3°C.
- If the room temperature is 1°C above desired temperature: lower the desired temperature 0.5°C.
- If the room temperature is above the desired temperature and the cover is raised completely (H20 and H24).

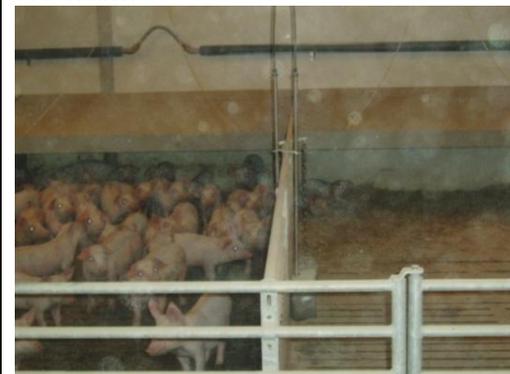


The pigs pull away from the cover: It is too warm

Uneven stocking density in the facility

Some pigs are too warm, others are perfect and some are cold.

- Neutralize differences in stocking density.
- Raise the cover slightly in pens where the pigs are too warm.
- Lower cover and/or place a board of straw in pens where the pigs are too cold.

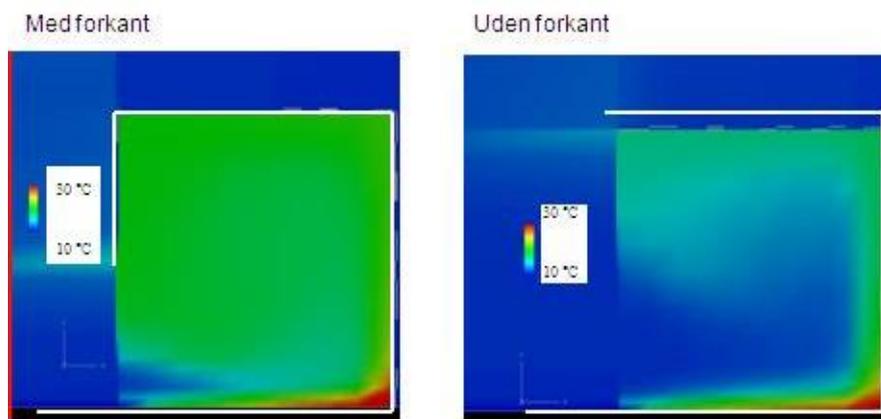


Uneven stocking density: Some pigs are cold, some too warm, others fine

Additional comments - Adjustment of cover in weaner facilities during summer

1. It is essential to check the pigs' behaviour at the warmest time of the day, ie. in the afternoon.
2. Use a min. / max. thermometer.
3. It is crucial to check the pigs' lying behaviour before any disturbances chase them up, because if that happens, the chance of inspection is lost.
4. In WTF production or in case of large variances in the weight interval within the same section, it may be an advantage to have an extra, adjustable front edge on the cover.

Effekt af nedadbukket forkant



Svend Morsing, DJF – JBT/FCB

These images show covers with and without a bent front edge. The distance between the bent front edge and the floor / board of straw determines the temperature under the cover. A distance of 40-60 cm will result in an expected excess temperature of 6-8 degrees.



The effect of removing the front edge on the upper images can be compared with raising the cover with fixed front edge as in this figure. The open area towards the pen is not increased quite as much by raising the cover as shown in the images above. Put roughly, the change illustrated in the figure may reduce the temperature by 3-4 degrees in the creep area. Once the lid of the covers is raised above the pen partitions, open up completely to avoid chimney effect.