# Impact of stockmanship on the welfare of sows

Hans Spoolder, Anita Hoofs and Herman Vermeer EAAP Bratislava, Session 19, <u>Hans.Spoolder@wur.nl</u>





## Does success depend on the housing system?

In The Netherlands:

- Group housing of sows from 4 days after service
- -> sows during `critical phase' in groups!
- More returns to service?

# Housing system & sow reproductive performance

Nearly 900 farms in telephone survey

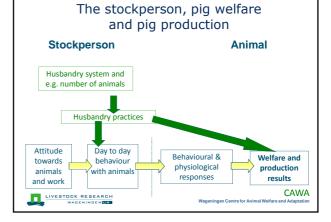
- 80% answered questions regarding
  - Sow group housing system (wide range)
  - Timing of introduction to the group (4 days 4 weeks)
  - Returns to service

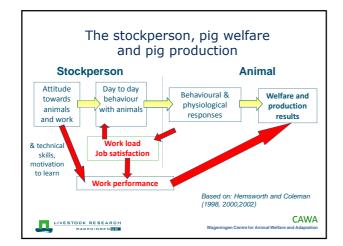


Housing system & sow reproductive

performance

- Nearly 900 farms in telephone survey
- 80% answered questions regarding
  - Sow group housing system (wide range)
  - Timing of introduction to the group (4 days 4 weeks)
  - Returns to service
- Average pregnancy rate: 87%, range: 70-96%
  - No effect of housing system
  - No effect of timing of introduction! Van der Peet et al., 2009









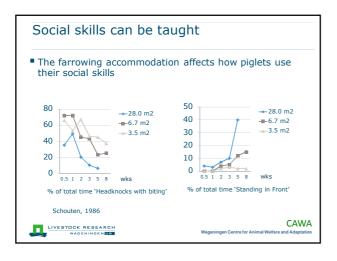
# Towards group housing in 2013 • Establishing a hierarchy is essential • Sow aggression is unavoidable

How to minimise the effects of aggression?

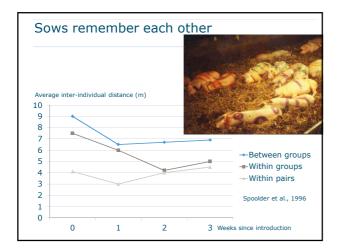


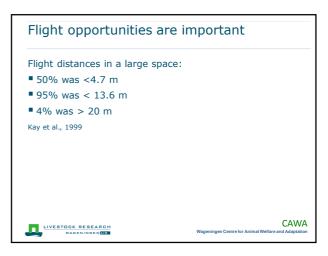
- Can we reduce the impact of fights?
- Can we help sows to avoid aggression?

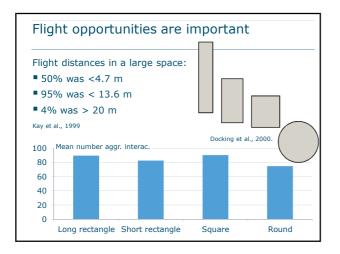
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# Will simple toys support nest building?

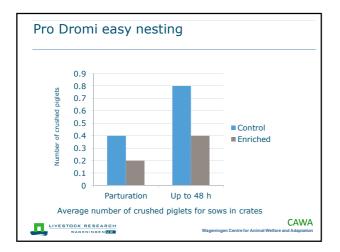


- E: Straw balls + Jute + Rope on floor (n=26)
- C: Rope on floor (n=18)

All materials offered from 2 days prior to expected farrowing date











### Pro Dromi



# Good stockmanship Skills, knowledge, personality & attitude Inquisitive & innovative: keen to discover more about the animals, and the system they are housed in A challenging 'life long learning' job! Impresent the state of the state of the system they are housed in the system they are housed in the system they are housed in