



Group 2 - Gas

Disease - HPAI

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Situation

- 20 000 Broilers – 2 units
 - 10 000 7 d.o.
 - 10 000 4 w.o.
- Disease control for HPAI



Choice of method

- 1^o choice – in house
 - Human health
 - Reduce animal handling *AW
 - Is access possible?
 - Can unit be sealed?
 - Equipment availability and Training? *AW
 - Can gas concentrations be maintained?
*AW
 - Which gas? – CO₂? *AW
 - Delivery method? *AW



- Is in house CO2 appropriate for age?
 - For 7d.o. would containerised gassing be more cost effective?
- Does delivery method
 - Delivery to appropriate concentration?
 - avoid aversive response and distress?
 - Avoid problems with freezing?
- Can unit be sealed?

AVV considerations



AW considerations

- Monitoring for effectiveness
 - **Listen** to birds (furthest from gas inlet)
 - How long for? What is limit for AW?
 - Any monitoring for gas concentration?
 - Duration of gassing?
 - Checking of birds once open –
 - Signs of recovery
 - Examine for freezing
 - Huddling / other signs of distress



AW considerations

- What is back-up method?
 - Is it a 2^o method?
 - Containerised gassing?
 - Percussion?
 - Necking?
 - Injection?
- Report
 - Feedback to assess AW during this event to further develop plans