
Overview

This standard covers monitoring and maintaining the preparation of birds ready for fertilisation. Fertilisation may take place by artificial insemination (AI) or by natural means.

This standard covers the planning of bird requirements for fertilisation and ensuring that the handling of birds is in accordance with relevant welfare requirements.

You are likely to have overall responsibility for this part of production and be supported in this capacity by other workers. You will require considerable knowledge and practical skills and must be capable of identifying and resolving problems that occur.

When working with livestock or machinery you should be trained and hold current certification, where required.

This standard is suitable for those with responsibility for monitoring and maintaining the preparation of birds for fertilisation.

Performance criteria

You must be able to:

1. assess the risks associated with the activity to be carried out
2. confirm that suitable clothing and personal protective equipment (PPE) is worn
3. confirm that the tools, equipment and materials required are selected, prepared, used and maintained safely and correctly
4. monitor systems for identifying birds suitable for fertilisation
5. confirm the suitability of birds for breeding purposes, in accordance with the reproduction plan
6. monitor the physical condition of birds and their readiness for fertilisation
7. select birds for fertilisation at the optimum time in line with the reproduction plan
8. monitor the preparation of birds for fertilisation
9. monitor and maintain the environmental conditions to ensure fertilisation takes place, in accordance with reproduction plan
10. monitor and maintain the handling and collection of birds, in accordance with relevant legislative and welfare requirements
11. maintain communication with colleagues and others involved in the work
12. maintain hygiene and bio-security, in accordance with business practices
13. manage waste safely and correctly, in accordance with relevant legislation and business practices
14. carry out your work in accordance with relevant environmental and health and safety legislation, animal health and welfare legislation, risk assessment requirements, codes of practice and organisation policies
15. confirm that records are maintained and stored as required by relevant legislation and the organisation

Knowledge and understanding

You need to know and understand:

1. how to identify hazards and assess risks
2. the type of clothing and personal protective equipment (PPE) suitable for the activity
3. the types of tools, equipment and materials required and how to prepare, use, maintain and store these safely and correctly
4. how to monitor the suitability or unsuitability of the birds for fertilisation
5. the different methods of fertilising birds
6. the system used by the business for identifying and gathering birds for fertilisation
7. the relevant legislation and codes of practice in relation to insemination
8. how to assess the readiness of the birds for fertilisation
9. how changes in the physical condition of the birds may impact on their reproductive cycle, fertilisation and the action to take to rectify this
10. the ways of monitoring the physical condition and behaviour of the birds
11. how to prepare birds for fertilisation from both natural and artificial insemination
12. the required semen dosages and the use and purpose of diluent if required
13. the process of artificial insemination in birds
14. the correct environmental conditions required for fertilisation
15. the birds' requirements for feed and water and how these should be supplied
16. the types of problems that may occur with the preparation of birds for fertilisation and how to deal with them
17. the purpose of the reproduction plan and the importance of keeping records
18. the importance of maintaining communication with those involved in your work
19. the importance of maintaining hygiene and bio-security and the methods for achieving this
20. the importance of meeting relevant food safety and industry quality assurance standards
21. how to handle, transport, store and dispose of waste; in

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- accordance with relevant legal and business practices
22. your responsibilities for the welfare of birds under relevant animal health and welfare legislation and codes of practice
 23. your responsibilities under relevant environmental and health and safety legislation, codes of practice and business policies
 24. the methods of stock control, record keeping and reporting used by the business

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Monitor and maintain the preparation of birds for fertilisation



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