Plan and manage fish feeding regimes

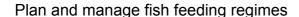


Overview

This standard is about the planning and managing of feeding regimes to support the production of farmed fish.

It requires that work is completed in accordance with site standard operating procedures.

This standard is for those who plan and manage the feeding of fish.





Performance criteria

You must be able to:

- 1. implement procedures to ensure a healthy, safe and secure working environment
- 2. determine production requirements
- 3. plan fish-feeding regimes to achieve specified production requirements
- 4. develop feeding procedures to support the effective provision of feed, making best use of feeder technology
- 5. ensure feeding procedures minimise waste and environmental impact
- 6. select and obtain supplies of food to support both **routine** and **specialist** feeding regimes
- 7. plan and organise the effective storage and control of feed in support of feeding activities
- 8. develop test-weigh programmes to monitor food conversion ratios and growth rates
- 9. manage the implementation of fish feeding regimes to achieve specified production requirements
- 10. analyse data to determine the success of feeding regimes
- 11. investigate variations in fish performance
- 12. adjust feeding regimes to take account of variations in production performance, in relation to production requirements
- 13. evaluate the effectiveness of feeding regimes
- 14. manage records of feeding activities in accordance with legal requirements and site procedures

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Knowledge and understanding

You need to know and understand:

- relevant legal and organisational requirements for health, safety and security associated with feeding fish
- 2. how variations in **environmental conditions** can affect production performance
- 3. how feeding activities are controlled by environmental legislation
- 4. the methods used to predict food conversion ratios and growth rates
- 5. specialist feeding regimes and their appropriate applications in the maintenance of fish health and development
- 6. the environmental impact of inappropriate feeding regimes
- 7. how to determine the performance of fish at different developmental stages
- 8. the nutritional properties of various feeds and their appropriate applications to meet production requirements
- 9. the storage requirements of fish feed, including stock control and rotation
- 10. the importance of hygiene in the feeding process
- 11. how to calculate production performance
- 12. how to match feeding regimes to changes in environmental conditions
- 13. why it is important to investigate variations in feeding behaviour
- 14. the methods used to determine the success of feeding activities
- 15. feeder technology, including the use of feeding systems
- 16. the methods that are used to monitor food usage and waste
- 17. the financial implications of food waste
- 18. relevant legal and site procedures for the disposal of waste
- 19. how to evaluate the effectiveness of feeding regimes
- 20. legal requirements and site procedures for the management of feeding records

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Glossary

environmental conditions – weather conditions, changes in water quality

routine feeding regimes - normal feeding activities

specialist feeding regimes – feeding in support of specific requirements e.g. fasting, in-feed treatments, providing pigment, smolt diets, immuno stimulants

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