

LANFIM23

Maintain health of fin fish and control treatments



Overview

This standard is about the maintenance of fish health and the implementation of fish treatment. It relates to the establishment of programmes and procedures which will promote the maintenance of fish health and the implementation and control of treatments for fin fish health.

This standard is aimed at those who are involved in supervising fish health on a regular basis e.g. farm or site managers. It can be applied to any fin fish farm.

To achieve it you must show that you are able to contribute to the establishment of health maintenance programmes, maintain their effective implementation and control treatment programmes, as prescribed by a vet.

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Performance criteria

You must be able to:

Maintain fin fish health

- P1 carry out work safely in line with health and safety requirements
- P2 implement programmes to maintain fish health through the maintenance of environmental conditions and stocking densities within holding units
- P3 organise prophylactic health programmes to maintain the health of fish
- P4 recognise ill-health and symptoms of abnormality in fish and collect appropriate information to assist diagnosis
- P5 request veterinarian advice, based on an accurate description of symptoms
- P6 take immediate action to minimise the potential impact of health emergencies
- P7 maintain accurate health records in accordance with legal requirements

You must be able to:

Control the implementation of fish treatment

- P8 control the preparation of health treatments at recommended dosages, according to veterinary instructions
- P9 administer health treatments at recommended dosages, according to veterinary instructions
- P10 control the administration of treatments to cause minimum disturbance to stock and the environment
- P11 take emergency action to correct any adverse effects caused by treatments
- P12 control the safe disposal of unused and spent treatments according to legal requirements
- P13 monitor treated fish to evaluate recovery and the effectiveness of treatments
- P14 maintain accurate treatment records to meet legal requirements

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Knowledge and understanding

You need to know and understand:

Maintain fin fish health

- K1 legal requirements controlling the health maintenance programmes and use of treatments
- K2 why it is essential to take immediate action if notifiable diseases are suspected
- K3 how to report notifiable diseases
- K4 normal healthy fish behaviour and the signs which indicate ill health
- K5 what the internal organs of fish look like and how disease can alter their appearance
- K6 common diseases and causes of ill-health in the fish species being farmed
- K7 how fish health is maintained through the application of good husbandry techniques
- K8 prophylactic health treatments and their application in the maintenance of fish health
- K9 health emergencies and how it is possible to limit their impact on farm stock
- K10 reasons for keeping health records, and the importance of their accuracy

You need to know and understand:

Control the implementation of fish treatment

- K11 normal healthy fish behaviour both during and after treatments
- K12 common treatments used to both prevent and cure health problems within fish
- K13 the correct application of both internal and external treatments
- K14 dosage calculations and the importance of accuracy in the preparation of treatments
- K15 the reasons for keeping health records, and the importance of their accuracy
- K16 COSHH, and how it controls the use of treatments
- K17 how treatments can impact on non-target stock and the environment
- K18 how to calculate withdrawal periods

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Glossary

The definitions below should help you understand the standard:

Notifiable diseases

Fish diseases which need to be notified to DEFRA/SERAD

Prophylactic

Preventative treatment

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