

Question 27 (7 marks)

Evaluate an Integrated Pest Management (IPM) program for a named pest or disease of an animal host you have studied. In your answer, include examples of management strategies used in this program.

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IPM involves the use of more than one Management Strategie to Manage pests and disease. In Sheep flystrike is a huge problem due to blowflies laying their eggs on the moist, faeces covered area on the animals breech. Quarantine is used to separate the ~~an~~ infected animals, eradication is used to eliminate wrinkled breech from the farm system, genetics such as breeding sheep with a bare breech and the blowfly genome project are used, biological control such as loci trap, using natural sources to control & eliminate the fly, vaccinations are also used. The blowfly genome project are developing a vaccine to ~~the~~ deter flies from the Sheep. Management such as mulesing & clips. Mulesing is seen as an ethical issue for the Sheep because of the surgical procedure, clips are trying to be used to replace this. Chemicals such as jettling & checking are used to minimise larvae & Magots and shearing to remove excess environment for the pest. The use of these management techniques allow adequate control, prevention and removal of the pest or disease