OCULAR SETARIOSIS IN A HOLSTEIN FRIESIAN CROSSBRED COW - CASE REPORT

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ABSTRACT

The adult Setaria worm is commonly found in the peritoneal cavity of livestock. It is generally regarded as harmless to the host. Occasionally, the worms take a migratory course to other parts of the body, and produce pathogenicity. Incursion on the eye makes the animal blind. The present case report describes occurrence of ocular setariosis and its surgical management in a Holstein Friesian crossbred cow. The cow was presented at the college clinic with the history of blindness. Clinical examination revealed corneal opacity and the presence of a worm inside the anterior chamber of the right eye of the cow. Surgical removal of the worm, followed by post-operative therapy, restored the vision in the cow. The worm was identified as a filarioid nematode of setaria species.

KEY WORDS

Corneal opacity, Crossbred cow, Holstein Friesian, Setariosis

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