

Control of Intestinal Spirochaete Infections in Chickens



Organisation: Murdoch University

Publication: 1 August 2001

Researchers: D. Hampson

Categories: Biosecurity & Flock Health

Tags: pathogen, egg production, infection, disease, AIS, anaerobic intestinal spirochaetes, Avian Intestinal Spirochaetosis, Brachyspira pilosicoli , commercial layers, micro-organisms, diagnosis

Infection of layer and broiler breeders with Avian Intestinal Spirochaetosis (AIS) has emerged as a widespread constraint to optimal production in both the egg and chicken meat industries in Australia. The micro-organisms involved are difficult to isolate and characterise, therefore diagnosis of AIS is often difficult.



Infection of layer and broiler breeders with Avian Intestinal Spirochaetosis (AIS) has emerged as a widespread constraint to optimal production in both the egg and chicken meat industries in Australia. The micro-organisms involved are difficult to isolate and characterise, therefore diagnosis of AIS is often difficult. There is also a lack of information about how to control these infections.

The purpose of this study was to help control AIS in Australia through a number of initiatives designed to improve capacity and to acquire background information for use in more detailed future applications of various techniques in the field.