

我國雞球蟲疫苗發展現況及檢驗方法介紹

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摘要

球蟲病（Coccidiosis）長久以來造成養雞業者的困擾，其臨床症狀與病原毒力及感染劑量有關，從無明顯症狀、生長不良、換肉率差、軟便、粘痢、血痢，甚至死亡都可能發生。不同球蟲感染腸管及造成病變的位置不同，復原後的雞隻對再感染有抵抗力，但只對同種球蟲有抵抗，不同球蟲株無交叉免疫性，故長久以來養雞業者防治球蟲病的重要途徑為於飼料中添加藥物。施予球蟲疫苗是新興防治策略，本次研討會針對雞球蟲活蟲疫苗發展現況及疫苗檢驗方法進行說明與介紹。

Introduction to the Current Development and Testing

Methods of Chicken Coccidiosis Vaccine

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Abstract

Coccidiosis has long been one of the most troubling diseases for poultry farmers. The clinical symptoms are related to the virulence of the pathogen and the dosage of infection, ranging from no obvious symptoms to poor growth, low feed conversion rates, soft stools, mucous diarrhea, bloody diarrhea, and even death. Different species of coccidia infect various locations in the intestinal tract and cause different lesions. Chickens that recover gain resistance to reinfection, but this resistance only applies to the same species of coccidia and does not provide cross-immunity against different strains. For a long time, poultry farmers have added antibiotic medications to feed as an important strategy to prevent and control coccidiosis. The application of coccidiosis vaccines is an emerging control strategy. This seminar provides an overview of the current development of live coccidiosis vaccines for chickens and introduces methods for vaccine testing.