

Chapter 3

Nematicidal Activity of Extracts from the Male Fern *Dryopteris filix-mas* (L.) Schott (1834) in Experiments with the Free-Living Soil Nematode *Caenorhabditis elegans* Maupas (1900)

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Abstract

Animal helminthiases are widespread in many countries and cause losses in animal husbandry due to both a decrease in animal productivity and animal death. The use of anthelmintic drugs is the most effective method for the treatment and prevention of animal helminthiases. The broad use of anthelmintics in livestock farming began in the middle of the XX century. In modern times, there are numerous scientific articles reporting the decreased efficacy of many anthelmintic drugs. Some intestinal

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