

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)

**Anastasia V. Egorova¹, Alsu F. Gatiyatullina¹,
Dmitriy A. Terenzhev², Timur G. Belov²,
Dilyara M. Khakimova³, Evgeny N. Nikitin²,
Tatiana B. Kalinnikova^{1,*} and Rifgat R. Shagidullin¹**

¹Research Institute for Problems of Ecology and Mineral Wealth Use of Tatarstan
Academy of Sciences, Kazan, Russia

²Federal State Budgetary Institution of Science, Federal Research Center, Kazan
Scientific Center of Russian Academy of Sciences, Russia

³Kazan Federal University,
Kazan, Russia

Abstract

Animal helminthiasis 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 helminthiasis. 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

* Corresponding Author's Email: tbkalinnikova@gmail.com.

In: Ferns

Editors: Shobhit Kumar Srivastava and Gyan Prakash Srivastava

ISBN: 979-8-88697-554-3

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