

**ASSESSING THE EFFICACY OF ALLIUM SATIVUM (GARLIC) IN
CONTROLLING ENDOPARASITES (NEMATODES) IN GOATS**

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DECLARATION:

I Achen Juliet Sylvia declare that, this dissertation is my original work and has not been previously published or presented for the award of any degree in any university.

Signature

.....Date.....

APPROVAL:

This research dissertation submitted with approval of University supervisor

Signature.....date

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DEDICATION

I dedicate this piece of work to my parents Mr. Okello John Dokolem, Mrs Achom Blandinah and to all my siblings for their great support and hard work in the completion of this research. May God bless them abundantly .I also thank my supervisor Dr Amonya Collins for his great support.

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LIST OF ABBREVIATIONS

EVM-Ethno Veterinary Medicine

APM-Animal production and management

SPS-Secondary plant substance

BUAC-Busitema university Arapai campus

e.g-forexample

i.e-that is to say

MRA-Moroto District Rupa sub county,Acholi inn

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ABSTRACT

This study evaluated the efficacy of Garlic in controlling nematode parasites in goats in Rupa subcounty, acholi inn village, Moroto district. A completely randomized design was used in the experiment. There were four treatment groups with five animals in each treatment under four varying concentrations of A. Sativum. The fifth group was the control also with five animals where animals were dosed with the conventional dewormer, Albendazole, as per the manufacturer's instructions. The experiments were carried from December 2020 to January 2021. Feecal samples were collected from goats before and after treatment and analysed using the McMaster technique. The results obtained were recorded as egg per gram (EPG) of feecal samples. The percentage feecal egg counts (FEC) reductions were used for the analysis of the data using SPSS. It was observed that A. Sativum had the ability to reduce the FECs of parasites of Nematodes. There were no significant differences between the treatments and the control ($P < 0.005$), indicating that A. Sativum is as effective dewormer