



RECHERCHE

A DIGEST OF MULTIDISCIPLINARY EXPLORATIONS
(PEER REVIEWED)



R D

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Nadakkavu, Kozhikode, Kerala, 673011

www.insightpublica.com

e-mail: insightpublica@gmail.com

Title: **Recherche- A Digest of Multidisciplinary Explorations**

(English)

Chief Editor : **Dr. Sr. Jaseena Joseph**

Editors: **Dr. Priyadarsini P., Dr. Sangeetha G. Kaimal**

Cover Design: Dr. Priyadarsini P.

Year of Publication: June 2021

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Printed and Published by

InsightinPublica Printers & Publishers Pvt. Ltd.

ISBN 978-93-91343-03-3

₹ 529

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RECHERCHE

A DIGEST OF MULTIDISCIPLINARY EXPLORATIONS
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Efficacy of Ginger Leaf Extract on the Digestive Enzymes of *Sitophilus oryzae*

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Nivya K.G²; Lakshmi Vinod²; Arya T.P²;
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Abstract

Sitophilus oryzae, also called as Rice weevil, is usually found in grain storages and processing plants. These are the most destructive pests of stored grain and they completely destroy the grain. Ginger has antifeedant properties with great potential in fighting against common pests. In this study, laboratory experiments were conducted to study the efficacy of Ginger leaf extract on the digestive enzymes of rice weevil. The effects on the concentration of protein and digestive enzymes -alpha amylase, protease and lipase of *S. oryzae* was studied. This analysis proved that the ginger leaf extract can

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