شبكة المعلومات الجامعية

التوثيق الإلكتروني والميكروفيلم

بسم الله الرحمن الرحيم

HANAA ALY

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جامعة عين شمس

التوثيق الإلكتروني والميكروفيلم

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HANAA ALY

THE PHYSIOLOGICAL EFFECT OF POLYPHENOLS ON PRODUCTIVE PERFORMANCE OF BROILER CHICKS

By

ABEER MOHAMED ALI EL-SHAZLY
B.Sc. Agric. Sc. (Poultry Production), Fac., Agric., Alexandria University, 2008
M.Sc. Agric. Sc. (Poultry physiology), Fac., Agric., Ain Shams University, 2012

A Thesis Submitted in Partial Fulfillment
Of
The Requirements for the Degree of

DOCTOR OF PHILOSOPHY
in
Agricultural Sciences
(Poultry Physiology)

Department of Poultry Production
Faculty of Agriculture
Ain Shams University

2022

Approval Sheet

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This thesis for Ph.D. degree has been approved by:

Dr. Amal Mohamed Hassan
Prof. of Poultry Research Physiology, Desert Research Center

Dr. Ayman Mohamed Hassan Ahmed
Prof. of. Poultry Physiology, Faculty of Agriculture, Ain Shams University

Dr. Nematallah Gamal El-Dein Mohamed Ali
Prof. of Poultry Physiology, Faculty of Agriculture, Ain Shams University

Dr. Ibrahim El-Wardany El-Sayed
Prof. Emeritus of Poultry Physiology, Faculty of Agriculture, Ain Shams University

Date of Examination: / / 2021

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Under the supervision of:

Dr. Ibrahim El-Wardany El-Sayed

Prof. Emeritus of Poultry Physiology, Poultry Production Department, Faculty of Agriculture, Ain Shams University (Principal supervisor)

Dr. Nematallah Gamal El-Dein Mohamed Ali

Prof. of Poultry Physiology, Poultry Production Department, Faculty of Agriculture, Ain Shams University

ABSTRACT

Abeer Mohamed Ali El-Shazly: Physiological Effect of Polyphones on Productive Performance of Broiler Chickens. Unpublished PhD. Dissertation, Department of Poultry Production, Faculty of Agriculture, Ain Shams University, 2022.

The present study aims that study effect of Grape seed (GS) and green tea (GT) with different levels on broiler chicks growth, meat, quality. A total of 160-day old broiler chicks (Indian River IR) were weighed and distributed into equal four experimental groups of four replicates for each to explore the effect of dietary grape seeds (GS) (1.0 and 2.0%) and green tea (GT) (0.2%)

Addition on growth parameters, nutrients utilization and carcass characteristics, and economic efficiency during the fattening period (1-35 days of age).

The results indicated that live body weight, body weight gain, feed conversion ratio and production index traits significantly (P>0.05) improved for chicks fed diet contained 2.0% grape seeds (GS). At the same time, these parameters recorded significant improvement by 0.1 and 2.0%GS levels and compared with chicks fed the control diet during the entire experimental period (0-35 days of age).

Feeding value improved (P>0.05) for chicks by dietary grape seeds and green tea addition; chicks fed 2.0% GS diet recorded the best economic efficiency compared with the control at the entire experimental period.

It might be concluded that a feeding diet containing 1.00% GS for broiler chicks might be used to improve growth performance and nutrient utilization, and economic efficiency during the fattening period.

Keywords: Broilers, Grape Seeds, Growth Performance, Carcass Characteristics, Green Tea and Blood.

ACKNOWLEDGEMENTS

My honest thanks and sincere thanks are due to **Prof. Dr**. **Ibrahim El-Wardany El-Sayed,** Professor Emeritus of Poultry physiology, Faculty of Agriculture, Ain Shams University, for his kindness, his dependability in suggesting the topic, providing all facilities, support, direct supervision, reading and correcting the manuscript and invaluable advice and for technical advice and support in undertaking my research work.

Also, I wish to state my genuine gratitude and profound appreciation to **Prof. Dr. Nematallah Gamal El-Dein Mohamed Ali**, Professor of Poultry physiology, Department of Poultry Production, Faculty of Agriculture, Ain Shams University, for all his kind advice over the past three years and continuous leadership and guidance during the writing of this manuscript.

Finally yet importantly, great recognitions are extended to my dear father, mother, husband, sisters and brother for their fortitude and back-up throughout the progress of this work.

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