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شبكة المعلومات الجامعية

التوثيق الالكتروني والميكروفيلم

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جامعة عين شمس

التوثيق الالكتروني والميكروفيلم

قسم

نقسم بالله العظيم أن المادة التي تم توثيقها وتسجيلها
علي هذه الأفلام قد أعدت دون أية تغيرات

يجب أن

تحفظ هذه الأفلام بعيدا عن الغبار

في درجة حرارة من ١٥-٢٥ مئوية ورطوبة نسبية من ٢٠-٤٠%

To be Kept away from Dust in Dry Cool place of 15-25- c and relative humidity 20-40%

بعض الوثائـــــــق الاصليـــــة تالفـــة

بالرسالة صفحات لم ترد بالاصل

EFFECT OF REPLACING YELLOW CORN WITH GRADED LEVELS OF CASSAVA ROOT MEAL ON BROILERS AND LAYERS PERFORMANCE

By

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THESIS

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Approved as to style and contents by committee in charge :

Prof. Dr . .....

Prof. Dr . .....

Prof. Dr . .....

Prof. Dr . .....

DATE : 12 / 7 / 1997 .

Dedication

To my father , mother and wife

who gives me hope , confidence and

a great will to be , to maintain and

to resist .

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CONTENTS

LIST OF ABBREVIATIONS

BW	Body weight
CER	Caloric efficiency ratio
CF	Crude fiber
CP	Crude protein
CPC	Crude protein conversion
CRM	Cassava root meal
DM	Dry matter
EE	Ether extract
EE_f	Economic efficiency
FC	Feed conversion
FI	Feed intake
GE	Gross energy
gm	Gram
HCN	Hydrocyanic acid
Kcal	Kilocalorie
Kg	Kilogram
L.E.	Egyptian pound
ME	Metabolizable energy
MEn	ME corrected to N equilibrium
MJ	Mega joule
mm	Millimeter
NE	Net energy
NFE	Nitrogen free extract
NRC	National Research Council
P.T.	Piasters
TDN	Total digestible nutrients
TME	True metabolizable energy
TMEn	True metabolizable energy corrected to zero nitrogen balance
WG	Weight gain
YC	Yellow corn
YCo	Yolk colour