

REPLACING CORN WITH CORN COB MEAL IN LAYING DIETS CONTAINING DIFFERENT SOURCES OF PROTEIN

By

Rehab Ibrahim Ahmed Mohamed

M.Sc Faculty of Agriculture, Aiexandria University

216 Lohmann Brown laying hens 46-weeks of age were used they divided randomly into twelve groups of 18 hens in three replicates of birds each. The current work has been planned to investigate the possibility of using different levels of corn-cobs meal (0, 20, 40 and 60%) partially replacing of yellow corn grains in layer diets with three levels of fish meal (0, 3 and 6%) as an animal protein supplementation. Additionally, the effect on the productive performance traits, egg quality parameters, nutrients digestibility and economical efficiency were also evaluated. Results showed that using corn-cob meal by level of 40% lead to decrease the usage of yellow corn in commercial diets without adverse effects on the performance

Advisors, Committee:

Prof.Dr.Safaa Ahmed Hamdy

Prof.Dr.Mohamed Ahmed Asar

Prof.Dr.Mona Osman Mohamed Taher

