

AN ECONOMIC STUDY OF BROILERS PROJECTS BREEDING

(DIALA PROVINCE AS CASE STUDY)

A Dissertation

Mhana Abdullah Mahmood AL-Mayahi

Abstract

Animal production constitutes an important branch of agricultural sector as a source of food . Most of animal products are used as inputs for industrial sector . Diyala province was chosen as a case study for its importance in producing broilers on Iraq level Data were collected through random sample represent 21% of society depending on a questionnaire. The aim of this study is to determine the most important factors affecting costs and production of broiler in Diyala province . It also tackles the reasons behind quitting the broilers production and to estimate production function in short run and to derive supply function in short run . It also measures the return on invested dinar in broilers projects in Diyala province . The study included for chapters in addition to results, conclusions and recommendations . The first chapter tackled the research methodology and literature review . Short run Cost function was estimated from this function average cost function was dereived .Optimum size of production which minimizes cost was (42.92) tons and the size of production maximizing profit was 45.6 tons . The minimum price that producer accept was (2242749.4) dinars / tons and elasticity of production was (1) at a chieved level of production (42.9) tons . There was appositive relationship between quantity supplied and price when the price is more than 2242749.4 dinars / ton . which is

the minimum level of average cost in short run . The production function was estimated by using OLS . Some derivatives from production function were derived .