

**AN ECONOMIC STUDY FOR ESTIMATION OF PROFIT FUNCTION AND  
ECONOMIC EFFICIENCY OF PRODUCING BEE HONEY  
- DIYALA PROVINCE – A CASE STUDY –**

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**ABSTRACT**

**That undermine of knowledge technical and economy at beekeeper about factor influential on profit also about size of production optimization inevitable to economic efficiency lead to problem economy. form quantitatives of exhibited form production for honey bee. the aim of this research was to study the influence of the most important factors affect the profit. The data from different sectors were taken randomly from 42 beekeeper in Diyala governorate. The results estimation of quantitative analysis function of profit that informer function that quantity of product to her importance large at profit comparative bug level of price and average cost of production. also show that cost function cube is most appropriate for relationship adopted in study according to tests of economic and statistical and standard. The results showed efficiency of economic toward 606 kg tons at reality 62 beehive. Show estimated efficiency in technical in honey of product toward 74%, estimated, the size production the profit short-run toward 920 kg at reality 95 beehive, estimated the net revenue on size of**

production actual and size of production optimization and size production the profit to reach 2740211, 3864105, 5196843 Dinar on collation. trough estimated the Efficiency of profitability may detection that size of production optimization best comparative bug level actual and size production the profit. of which conclude that in study resource of economy used in process production not benefit from mode optimization lead to decrease efficiency of product. to will study work on following politics productivity aim to increase economic efficiency to beehive one and quest use optimization resource of available to thus reflected on increase efficiency in use resource of production and then improvement efficiency production for honey.

**Key word : function of profit , economic efficiency.**

**4055economic production.**