

SPACE OPTIMAL FARMS GREENHOUSES FOR CROP OPTION IN THE PROVINCE OF SALAH AL-DIN OF THE PRODUCTIVE SEASON OF 2010.

Hassan Thamer zanzal al-Summary

Department of Economics and Agricultural Extension - College of Agriculture - University of Tikrit – Iraq.

ABSTRACT

This research aims to estimate the area of optimal Farms greenhouses of cucumber cultivated in the province of Salah al-Din by assessing the functions of production costs in the long run, where he was taking a stratified random sample of 60 farms with areas of varying numbers of plastic houses and spaces within one dunum, and thus were to reach the optimal size of area of 25 donm the size of production optimization achieved 35.5 tons / don, and we found also that 78% of farms the sample did not exceed the optimal size of production and this means that farmers can increase the sizes of their farms down to the size of the optimal space obtained in this study, and 5% were operating at the optimum size of production and the area should not be from these farms to expand in areas as far as to maintain this size for each of the production, area and focus on the technical aspects used in production, and 17% of the farms have exceeded the optimal size of production achieved by the use of farmers for the central heating system, and the fact that most farms with professional competence and scientific, making it less susceptible to fungal diseases and insect and their agriculture to the classes of heavy production. Thus, the net profit (Profit Net) is expected for the area best achieved 397,650,000 dinars, while the total income (Total Revenue) per acre for 40,725,000 dinars on the basis of the average price of the crop during the growing season is winter 1150 dinars. The total costs amounted to Total Costs (variable marketing) spent per don 24,919,000 dinars. Thus, the net profit $\pi = TR - TC$ per don cultivated crop option 15,906,000 dinars, and thus we have reached that greenhouse per cultivated crop option in the farm conservation has achieved a net profit of \$ 3,976,500 dinars, and this number is important for farmers which advocates a profit feasible under this type of investment backed by the state (credit farmers with loans to buy houses, plastic and without interest) and the short period of production compared to other crops.