

## **The study design for planting and production of processed products of strawberry in Kordestan province**

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In the Survey of land and the level of strawberry production in the province; it was found, that Kordestan province with over, 2000 hectare, land under cultivation plantal with strawberry it covered more than 10 percent of land under cultivation with annual production of affnoximately 80 percent of total strawberry, under cultivation in the country. On the other hand, as it can be seen from the graph in the design, this province in regard to yield per hectare also with production of 8 tons strawberry per hectare in the country is has the first place in the country.

therefore, in this order, it become clear that at present time, the Kordestan province can e consider, as a major center of strawberry production from the stand point of quality and quantity in the country and should pay attention to this matter. This situation is under conditions, that due to lack of processing industry, in the province, the major share of the product, is consumed as fresh strawberry and minor share of the product is slipped to other parts of the country and considerable share of the product due to different reason, in wasted and vanished. the amount of waste is 30 percent of the total production and in this way, considrable loss is on the shoulder of the producer of strawberry.

On this direction considering importance of the suppliment. Technical, Research and economical investigations, for establishment of factory for production of Jam, Marmalad, ton strawberry and other fruits in the form of fresh on forzen with considering the least amount of capital is necessary. According to obtained research in 1376, over 50 percent of strawberry production in Kordestan puncheed by the processing plants of Turkey and

diameter, sugar content, acidity and marketing value were analyzed based on a 1 to 20. Score scale, according to the results of variance analysis average cluster weight, yield per plant and yield per hectare and marketing value were significant.

The best treatments were T4 and T5 with 17.1 and 19.2 ton/ha respectively both of which were higher than control with 5 ton/ha. The highest yield of cluster related to T3 and T5 with 878.07 and 1043.3 grams respectively and the best marketing value related to T3, T4 and T5 with 17.67 and 19.5 grams respectively.