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## Abstract

Melon crops really are important crop in the agricultural system and food security of our country. However, in recent

years there have been unresolved issues in the process of growing, storing and weeding melons. This article is devoted to the

factors that affect the cultivation of melons in farmsites and dehkan farms located in Zaamin and Zarbdor districts of Jizzakh

region. The problems and experiences of farmers in the region, the socio-economic characteristics were studied on the bases

of monograph. The impact of socio-economic factors on production productivity was analyzed using a linear regression model.

Research have shown that all fermers are male (100%), with the majority of them between the ages of 31 and 50 years. 50% of

the respondents had secondary education, the other 50% had secondary special and higher education.

Key words: melon crops, melon, model, linear regression, respondent, coefficient of variable.

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