

Abstract

Ecological sustainability in agricultural systems has focused attentions of researchers in recent years. The aim of this study was to compare the ecological sustainability of fruit production among farmers sponsored and non-sponsored by the cooperatives in the city of Saveh. The population of the study was pomegranate gardener in Saveh with probability proportionate random sampling method, brought a total of 100 have been selected. This Research using survey method and validity of research by the experts were determined. Information relating to production systems, including socio-economic measures, production, fertilizers and chemicals, water And irrigation and mechanization of plowing, managing pathogens and diversity of the product was analyzed. Results showed that the mean scores of 61.26 score stability support farmers and farmers' cooperatives were supported by 55.27 rating, which indicates that the production systems in the region systems are relatively stable. Most scores (from 100 points) index of stability management measures and minimum pathogens and mechanization of plowing and fertilizer and chemicals and irrigation water for ecological production systems were pomegranates.

Key words: Agricultural production cooperatives, Sustainability indexes, Saveh city, Mechanization, Product diversification



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**Comparing ecological sustainability of
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production among sponsored and non-
sponsored
farmers by cooperatives in Saveh**

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