

Productivity Index

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In spite of the analysis of sophisticated developments and their effects in the agricultural sector, calculating a productivity index depending upon main statistical indicators in the determination of the level of agricultural sector developments through time is one of the important issues for the evaluation and comparison of the degree of development in agricultural development. Within this article, development indicators like productivity and density index related to agricultural production are analyzed through an integrated productivity index. Additionally, the method for the productivity index is given by using indicators for monitoring agricultural development and country comparison. In the country comparison, statistical analysis and evaluations by the help of related indicators are made for EU member and candidate countries for the past 5 years. Correlations between variables are also analyzed and discussed by the help of the integrated productivity index.

JEL Classification: Q10, Q19, C10, C19, C43