

EconWorld2014@Prague

The Role of Information and Communication Technology on Agricultural Productivity

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ABSTRACT

The most important information technology tool for strategic management of community that comes with remarkable speed in developing. The relationship between information and communication technology (ICT) and agricultural productivity using panel data for 60 countries period 2007-2000 has been investigated. The results indicate that information and communications technology (ICT) means to do a positive effect on productivity and total agricultural countries and developed countries and is developing. Of course (ICT) on agricultural productivity in developed countries than in developing countries based on the research findings provides easy and affordable to farmers, ICT, government pioneering in ICT utilization in agricultural domain,, establishing databases, especially In rural areas, appropriate culture accepting ICT training and create and manage ICT development projects in agricultural mechanization, including strategies that can be effective in agricultural growth.

KEYWORDS agricultural productivity; communication and information technology