

A REVIEW

Role of information technology in Indian Agriculture

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ABSTRACT

In the present century Information Technology is the buzz technology now-a-days and is helping to exchange the information in fast and easier way at the right time. Information Technology is taking lead in all the agricultural activities of a nation and has transformed the whole world into a global village with a global economy. Information technology has played a significant role in improving the quality of life in rural areas and helped an average Indian farmer to get relevant information regarding agro-inputs, market support, management of farm, agri business, agro finance, crop production technologies and agro processing. The crop forecasting, input management, command area management, watershed management, land and water resources development, drinking water potential mapping precision management, natural disaster management, fishery management, hill area development and post harvest management are the key areas, where Information Technology can play its imperative impact. Large sections of the farming community, particularly the rural folk, do not have access to the huge knowledge base acquired by agricultural universities, extension centers and businesses however, internet and mobile networks have the potential to provide agro-information services that are affordable, relevant to needs, searchable and up to date. Information Technology can provide vital access to information, markets by connecting the rural poor and marginalized to the world's information resources and opportunities.

KEY WORDS : Role, Information technology

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