



## **Efficient Alternate Cropping Systems of India**

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**Abstract:** In order to achieve 4 per cent growth rate in agriculture as envisaged by the Planning Commission, Govt. of India, top priority need to be given to highly productive and profitable cropping systems, which can meet the food demand of burgeoning population and adequate attention has to be paid to remove bottleneck in achieving the growth rate. Cropping system research plays crucial role in crop diversification and intensification by selecting alternative crops, inclusion of catch and cash crops and making best use of leftover of each crop in synergistic manner. The cropping systems vary from region to region as they are designated on the basis of climate, soil type, irrigation facilities, market demand, input supply, labour availability and farmers' perception to adopt the systems. Therefore, all efforts are being made to develop production and protection technologies in all the agro-climatic regions of the country.

**Key Words:** Cropping Systems, Crop Diversification, Issues Related to Cropping Systems, Sustainability

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