

## AGRICULTURE LANDUSE PATTERN IN GADCHIROLI DISTRICT

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**ABSTRACT:** Agriculture is the dominant sector of Indian economy, which determines the growth and sustainability. About 70 per cent population still relies on agriculture for employment and livelihood. In this paper attempt has been made to analyze the agricultural land use pattern at micro level in Gadchiroli District. This study is based on secondary data collected from secondary records. Agriculture production is influenced by physical, climatological, socio-economic, technological and organization factors. An Endeavour is made here to study crop combination regions in Gadchiroli District for year 2013-2014. This is normal year for agriculture phenomenon in this district. The crop data has been computed with the help of Weaver's technique of crop combination. Gadchiroli district occupies eastern part of Maharashtra state. It occupies an area of 14,412 sq.km. And supports 10,72,942 of population in 2011 censuses. Administrative the district is divided in to 12 tahsils. Physiographic, temperature, rainfall, soil and drainage influence on agriculture land use pattern in this district. Temperature is high in summer. Because of district is located in drought prone area of Maharashtra. Rainfall varies between 1100 to 1400 millimeters rainfall from west to east in entire district. The district is categorized as Tribal and undeveloped district and most of the land is covered with forest and hills. Forests cover more than 75.96 % of the geographical area of the district. This district is famous for Bamboo and Tendu leaves. Paddy is the main agriculture produce in this district. The other Agriculture Produce in the district are Paddy, Jwar, Tur, Mung, Maize etc. are the major crops. By computing crop ranks and crop combination in Gadchiroli District has identified ten crop combinations. Such type of study represents real situation of cropping pattern in Gadchiroli District and helps to planners, agricultural scientists and research scholars.

**KEYWORDS:** Land use pattern, crop ranking, crop combination, cropping pattern.

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