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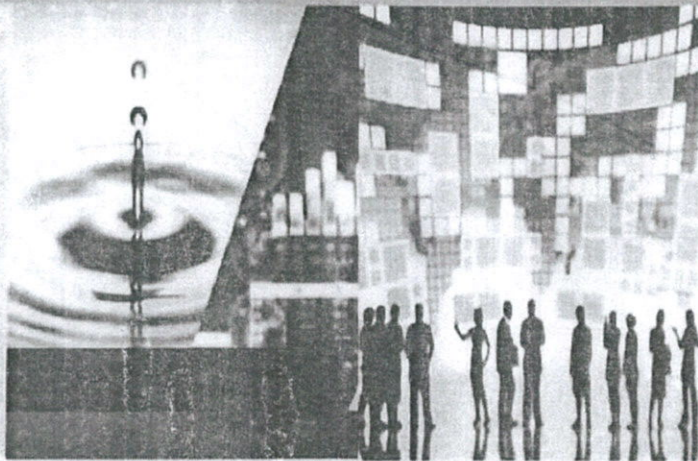
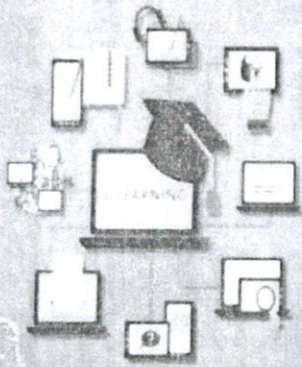
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SWATIDHAN PUBLICATIONS

Crop Concentration of Rice in Gadchiroli District - 2015 - 16

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Abstract:-

Gadchiroli district is generally considered as rural, tribal and naxlite district. Gadchiroli district is a major Paddy (rice) producing district from eastern Vidarbha. This is generally known as paddy region. Rice, an indigenous crop, is grown all over the country with highest concentration in north - eastern and southern part of country. Rice crop is concentrated in Gadchiroli district mainly because rice crop is important. Concentration and production of rice crop has been studied in Gadchiroli district during 2015-16. The area under rice crop is highest in various crops in Gadchiroli district, so different talukas have been studied in the district.

'Crop concentration means areal density of individual crop'

"The concentration of area under a particular crop at a particular time in a particular region is called crop concentration"

Gadchiroli district has total 12 Talukas where there is a diversity of paddy production. Paddy is a kharif & rabbi crop which is largely affected by the factors like climate & soil. Paddy farming is a traditional one. The farmers produce rice as an important food crop. Paddy is the main agriculture produce in this district. Rice crop concentration has studied with various crops in Gadchiroli district. The study of rice crop concentration is done referring total 12 talukas of district.

Key words: -Land Use of Gadchiroli District, Crop Concentration, Crop Concentration Index, Area under Rice Crop and Production

Introduction:-

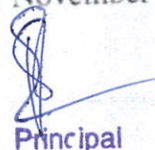
'The area on earth that is characterized by special qualities of agriculture is called the agriculture region'

"Agricultural territory is a large area of land that has homogeneity between agricultural work and other condition and this area looks different from the surrounding area"

The district is categorized as Tribal and undeveloped district and most of the land is covered with forest and hills. Gadchiroli district is abundant in nature beauty located in the eastern region of Maharashtra. Forests cover more than 64.79 % of the geographical area of the district including the main hilly region like Aheri, Bhamragarh, Tipagarh, Palasgarh, Khobramendha and Surajagarh. Vainganga, Pranhita, Indravati and Godavari these four river flow across the border of Gadchiroli district. In Gadchiroli district the temperature in summer is usually recorded 45⁰ Cg. And in autumn the rain is recorded 1400 -1500 mm.

Paddy is mainly a tropical crop with mean temperature 25⁰ Cg and annual rainfall of 160 cm. Rice, in India, is essentially a winter crop which is sown from June to August and harvested from November to January. Similarly summer crop is sown in November to December and is ready for harvest in March to April.




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