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**RESEARCH JOURNEY**

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February-2019 Special Issue - 165 (A)

**Chief Editor -**

Dr. Dhanraj T. Dhangar,  
Assist. Prof. (Marathi)  
MGV'S Arts & Commerce College,  
Yeola, Dist - Nashik [M.S.] INDIA

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Prof. Tejesh Beldar, Nashikroad (English)  
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## A Study of Cropping Pattern in Beed District

**Dr. Ghuge S.P.**

Head, Dept. of Geography,  
Arst & Science College, Gadhi  
Tq. Georai Dist. Beed (M.H.)  
Mo.No. 9822396650

### Abstract :-

*The present paper analysis A study of cropping pattern at micro level in Beed district in Maharashtra state. In this study is based on secondary data collected from secondary records. Is observed that all tahsils are considered for the study. An end devour is made here to study cropping pattern regions in Beed district for year 2012-13. The crop data has been computed with help of weaver's technique of cropping pattern. The study region generally taken kharif crop in the study region. The position in 2012-13 was that at gross cropped area of 250702 Hect. In Beed District.*

**Key Words :-** Cropping pattern, crops ranks, kharif crop, principle case Crop.

### Introduction :-

Agriculture is a backbone of Indian economic, which contribute nearly 30 precept of national income. Providing employment of working population and accounting for a sizeable share of the country's foreign exchange.

Cropping pattern is the proportion of area under various crops at point of time. It indicates how intensively the net sown area is being utilized for various crops in the district under study of variety of crops are cultivated in area but they are generally classified as food and non food crops. Turning to the social-economic and environment consequences of crop pattern changes, the Green Revolution technologies have fomented among other things, an increasing tendency towards crop specialization and commercialization of agriculture.

### Objectives:-

1. To study the find out cropping pattern.
2. To examine cropping pattern changing Beed District.
3. To examine the evaluate the spatial Distribution of cropping pattern.

### Data Base And Methodology :-

The data elected and used for the period 2011. Comes both from secondary sources. Secondary data has been collected from Sco- Economic review, district census hand book, gazetteers agriculture Epitomes, period decals seasons and crops report published by department of agriculture.

### Study Area :-

Beed District is located the central part of the marathwada region. The study area district is extended between 18<sup>0</sup>3' and 19<sup>0</sup>3' north latitudes and 74<sup>0</sup>54' to 76<sup>0</sup>57' east longitudes.

The east-west stretch of the study region is 288 kilometers and north- south extension of the region is 127 kilometers. Geographical area of this is 10693 5.9 k.m. Ambajogai, Dhaur, Parali, Wadwani, Majalgaon, Kaij, Beed, Georai, Patoda, Ashti, Shirur (Ka.) is the eleven tahsil





of this district there are 1354 villages in this district. Has 25.85 lakh. as a total population and density of population is 293 per 5.9 k.m.

About 80% of the rain-fall is received in the south west monsoon period July is the rainiest month.

#### Cropping pattern in Beed District :-

Review of changes of cropping pattern queues the shifts in area under different crops over the period of time. Special importance in taking unfinanced of social climate factors and the crops that could be growth with-in a particular environments. Impact of changes in technological, economic and institutional factors can be felt only when the existing cropping pattern undergoes a change generally the farmer have a tendency to stick to a stable cropping pattern under any give agro climate region and they do not shift much from this position except to the extent dictated by prince factors in adjusting a create allocations.

Table No. 1.1 Cropping Pattern in Beed District. (2012-13)

Sr.No.	Crop Name	Area in Hect.	Percentage%
1	Rice	1723	0.69%
2	Jawar	59171	23.60%
3	Bajara	20578	8.21%
4	Wheat	8356	3.33%
5	Tur	16088	6.42%
6	Mung	8450	3.37%
7	Udid	10380	4.14%
8	Soyabin	28849	11.51%
9	Cottan	74137	29.57%
10	Sugar cane	18712	7.46%
11	Sun flower	4258	1.70%
<b>District Total</b>		<b>250702</b>	<b>100%</b>

Source :- Computed by Author Socio-Economic abstract Beed district 2011.

Rice is mainly tropical crop. It is important fond crop in the study region. The crop requites not and humid climate and rainfall above 150 c.m. most of the rice is raised with the help of rainfall and irrigation facilities in the study region generally taken kharir crop in the study region. He especial distribution of rice the shown in table No.1.1 only 0.69 percent of the total gross cropped area was under the kharif crop in the district.

Jawar is raised in kharif and rabbi season. Jawar is dominant food crop in all tahsils of the study region out of the total gross cropped area below 59171 area. Special distribution of Jawar is shown in table No. 1.1. the area under Jawar decreased by 23.60 percent during the period of invention.

Bajara is important cereal next to Jawar crop in the study region the lowest increase in Bajra are was below 20578 Hect. the area under Bajra decreased 8.21, bg percent.

Tur it is raised in kharif and rabbi season. is important among the pulses production. The proportion of tur area in the gross cropped area was below 16088 Hect. Annual rainfall between 600 to 700 m.m Tur is mixed crop in Jawar and Cottan special Distribution of Tur is shown in table No.1.1 only 6.42 percent.

Wheat it is raised in rabbi season in the study area. The temperature ruing 20<sup>0</sup>c and 37<sup>0</sup>c and rainfall 100 m.m. He special distribution of wheat the shown in 3.33 percent.

Mug is kharif crop According 8450 Hect. (3.37%) in the District in 2011-12 year mug grays are used as pulse. Mug thrives well on medium to deep black soil.



Udid is kharif crop and medium and deep black soil in the rigid. It is shown Jan. to Sep. month. Total gross cropping area in 10380 Hect. (4.14) percent.

Cotton is the second principle cash crop in the Beed District cotton has favorable condition in the study region the proportion of cotton area in the gross cropped area was below 74137 Hect. (29.57) percent.

Sunflower in rabbi season. The proportion of sunflower area in the gross cropped area was below 4258 Hect. in Beed District. Sunflower crop is oil seeds cropped area (1.70) percent in Beed district.

Sugarcane is the three year principal cash crop in Beed District sugarcane is high deep black soil. And high irrigation area in the region sugarcane the total gross cropped area in 18712 Hect. area in Beed district. Special Distribution of sugarcane is shown in table 1.1. Only 7.46 percent in Beed district.

The position in 2012-13 was that any of gross cropped area of 250702 hect. in Beed district.

#### Conclusion :-

1. Table No.1.1. shows that crop like rice, Jawar, Bajara, wheat, Sunflower, Sugarcane, Tor, Mug, Cotton, Soyabin, Udid. The hishest percent (29.57) and area in the gross cropped Area was below 74137 Hect. The lowest percentage changes was took place in Rice area (0.69%) from 2012-13.
2. The position in 2012-13 what that amt of gross cropped area of 250702 Hect. under rice were 1723 Hect. Under wheat were 8356 Heat. Under Jawar 59171 Hect. Under Bajara 20578 heat. during the period 2012-13.
3. The emerging conclusion is that the share of soyabin area in gross cropped area ranged between 11.51 percentages.

#### References :-

1. socio- economic survey of Beed District, 2012-13.
2. Majid Hussain (1996) : Systematic Agriculture Geography, Rawat publication Jaipur p.p. 222-223.
3. Bhatai S.S. (1965) : pattern of crop consultation and diversification in India Economic Geography page No. 41.
4. Morgon W.B. (1971) : Agriculture Geography London, Methuen and clo- 1971- P.P. 58, 90, 128.
5. Masid Husan (2010) : Economic Geography, murari sansis New Delhi.
6. डॉ. सुरेश फुले (2009) : महाराष्ट्राचा भूगोल, विद्याबुक्स पब्लिशर्स, औरंगाबाद.
7. प्रा.के.ए. खतीब (1991) : भारताचा कृषी भूगोल, मेहता पब्लिकेशन हाऊस 1261 सदाशिव पेठ, पुणे.
8. Phule S. and A Badade (2003) : A Geographical Study of lond use change is Marathwada Region, the Deccan Geographer, Maharashtra, Vol. 41, No. 2 PP-41-47.
9. Narkhed D.S. and Gatade D.G. (2010): Agricultural land use Efficiency of raigad district, Maharashtra, the geographer vol VII no.1.93-97.
10. Suryawansh D.S. and pagar sanjay Dasu (2010): A spatiotemporal annlgis of crop diversification in Nashik district- Maharashtra Punjab Geographer, Vol.6 PP. 83-89.
11. Dr. N.G. Mali Mr. S.G. Birajdar (2012): General land use patter : A Case study of Latur tahsil, Latur Geographer Vol.I Issue- I pp.69-75.