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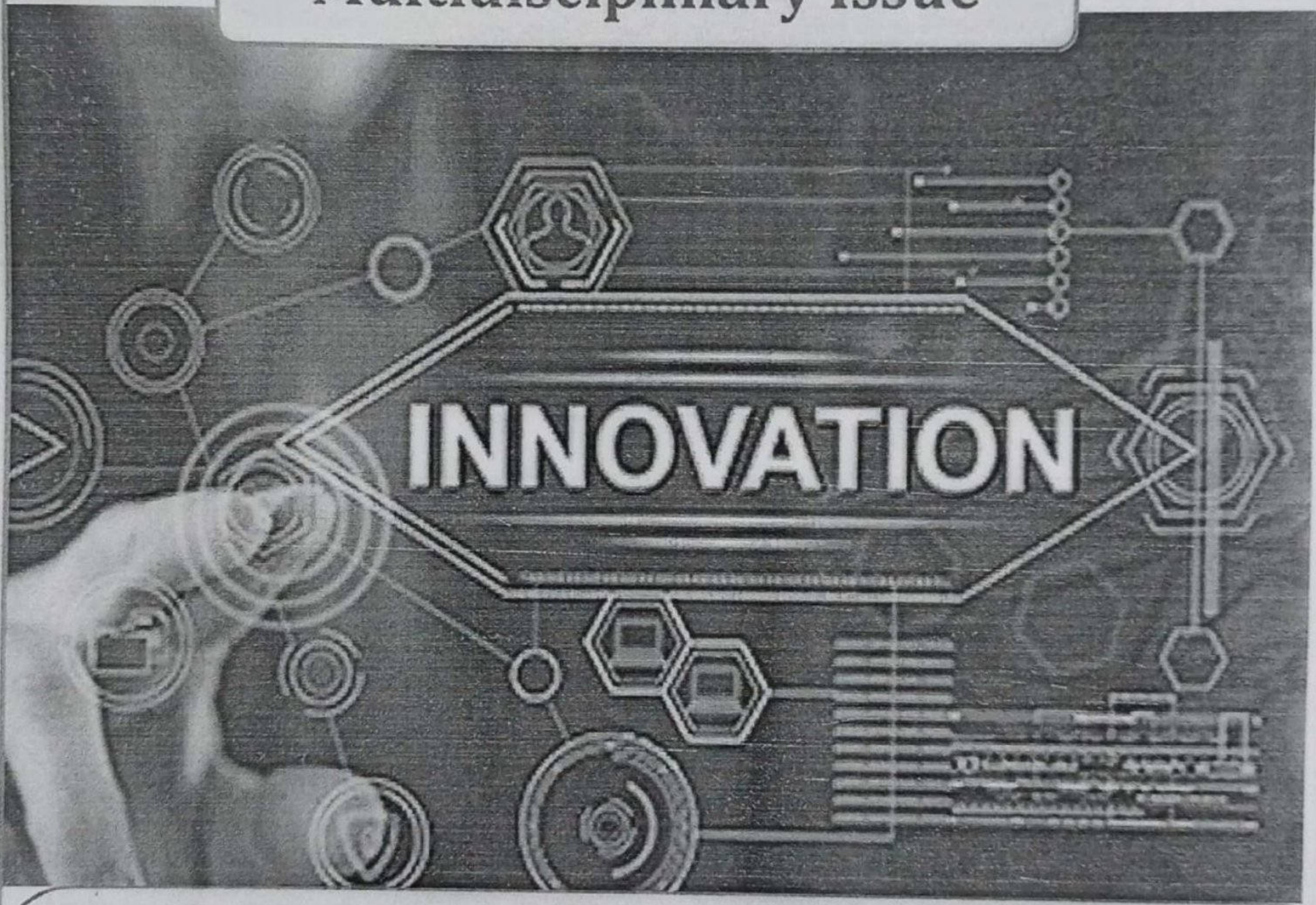
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International E-Research Journal

Peer Reviewed, Referred & Indexed Journal

Vol. 9, Issue-4

Multidisciplinary Issue



Chief Editor -

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Assist. Prof. (Marathi)

MGV's M.S.G. Arts, Science & Commerce College,
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Geographical Study of Agriculture Land Use Pattern in Shirur Kasar Tehsil, Dist. Beed

Dr. S. P. Ghuge

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Arts, Science & Commerce College, Gadhi,
Tq. Georai, Dist : Beed.
Mo No.9822396650

Abstract:

The present paper analysis land use pattern in Shisur (Kasar) Tehsil of Beed district land use is in important aspect of Geographical studies particularly relevant to agricultural geography land is the most important as a natural resource in the light of physio-socio-economic, environment man determines the uses of land, land use is the human use of land.

In this research paper attempt has been made to Study the land use pattern in Shisur (kasar) tehsil of Beed district. This study is based on secondary data collects from secondary rewards. It is observed that all village are considered for year 2011.

(1) Area under forest (2) Area not available for cultivation (3) Fallow land (4)Uncultivable Land & (5) Net sown Area. The studies are useful for future planning

Key Words: Forest, Cultivation, Fallow land, In cultivable.

Introduction :-

Agriculture in Shirur Kasar tehsil agriculture in main economic activity, where 60% people are living in rural settlement out of the total worker's 60% worker are engaged in agriculture which the Importance of the activity in the study region.

All river, streams and rivulets entirely depend upon the amount and incidence of monsoon rainfall in the study area. Land is the most Important as a natural resource. It is best basic element of life support system on our planet since the dawn of civilization. Land is also used for developmental planning in the study region.

Study Area -

Shirur Kasar is a tehsil in the Beed Subdivision of the Beed district. In the Indian state of Maharashtra, the town is situated on the southern bank of the river Sindhafana, a tributary of the Godavari River. Shirur Kasar obtained tehsil status in 1999. Prior to that it was part of the tehsil Patoda, which is also a subdivision of the Beed district, The study area lies on 19° 066' to 19° 3' 60" north latitudes and 75°427' to 75° 25' 37" East longitude. The total geographical area of the tehsil is 46525 hectares (2011)

The part of shirur kasar tehsil TS covered by Sindhfana river basin. The total population of the Shirur Kasar tehsil is 167586 which consists of 88129 male and 79447 female. (2011) the size of the area is about 725 square kilometer.

Objectives -

- (1) To study of land use in Shirur Kasar tehsil
- (2) To study the factors affecting on the land use pattern in Shirur Kasar tehsil.

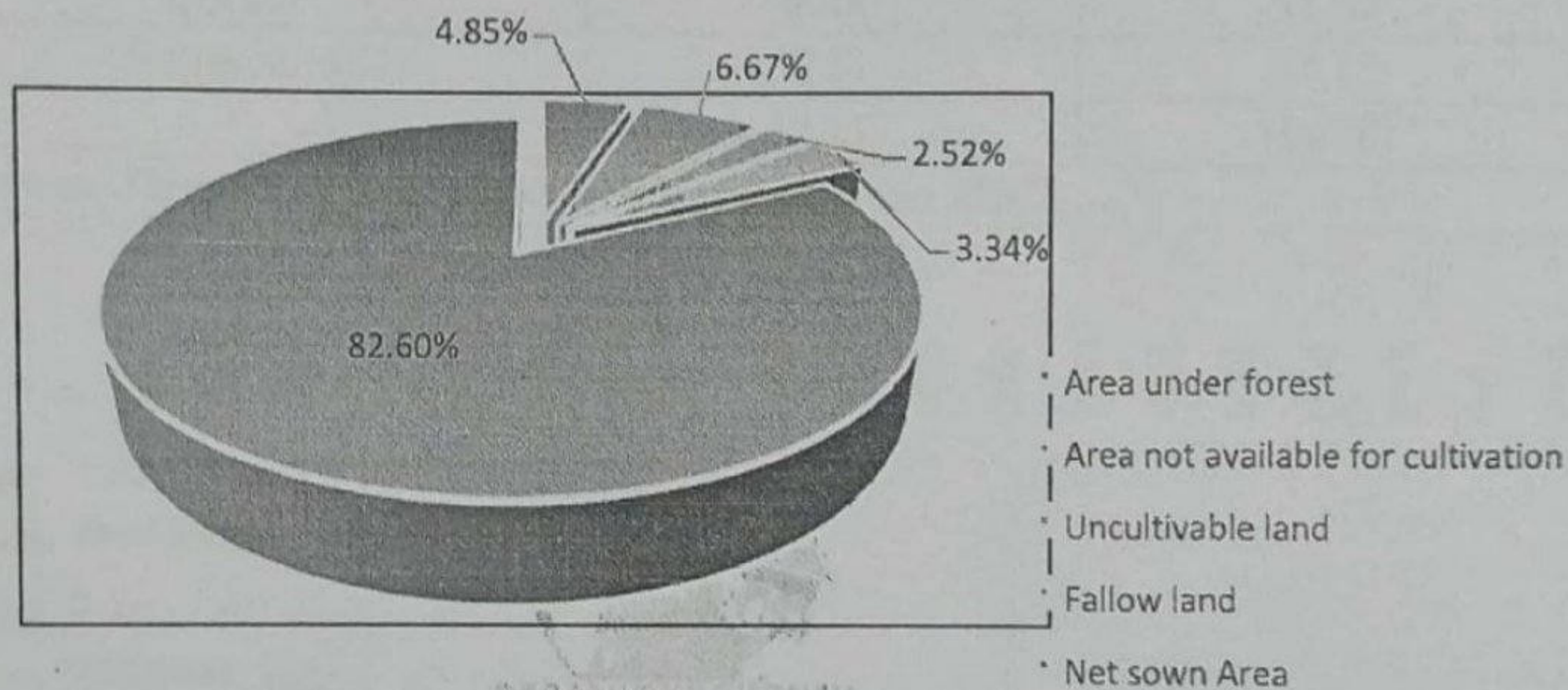
Database And Methodology -

The database has been collected from secondary source for the period 2011 Secondary data has been collected from socio-economic review, district census, hand book gazetteers, for macro level study of 94 villages of the tehsil.

Table to 11. :Shirus Kasar tehsil land use pattern in hectares

Sr	Types	Area in Hectors	Percentage
1	Area under forest	2260	4.85%
2	Area not available for cultivation	3105	6.67%
3	Uncultivable land	1174	2.52%
4	Fallow land	1555	3.34%
5	Net sown Area	38431	82.60%
Total		46525	100%

Source:- Socio-Economic Review of Shirur Kasar Tehsil.



Land Use Patterns in Shirur Kasar Tehsil

Land use pattern :-

(1) Area under forest.-

Land use pattern of Shirur Kasar tehsil is mainly infused by climate, Rainfall soil, fertility and availability of water sources. Shirur Kasar tehsil acquired 2260 hectare land use study region. Area under forest has occupied 4.85% (per) to geographical area.

(2) Area not available for cultivation:

About 3105 hectares of the area is under not available tor cultivation in Shisur Kasar tehsil is 6.67 percent

(3) Uncultivable land:

About 1174 hectares of the area is under uncultivable land in Shirur Kasar land occupied 2.52 percent that is small proportion out of the geographical Area

(4) **Fallow Land:** About 1555 hectares of the Shirur Kasar tehsil is found under fallow land is 3.34 percent southwest portion of the tehsil.

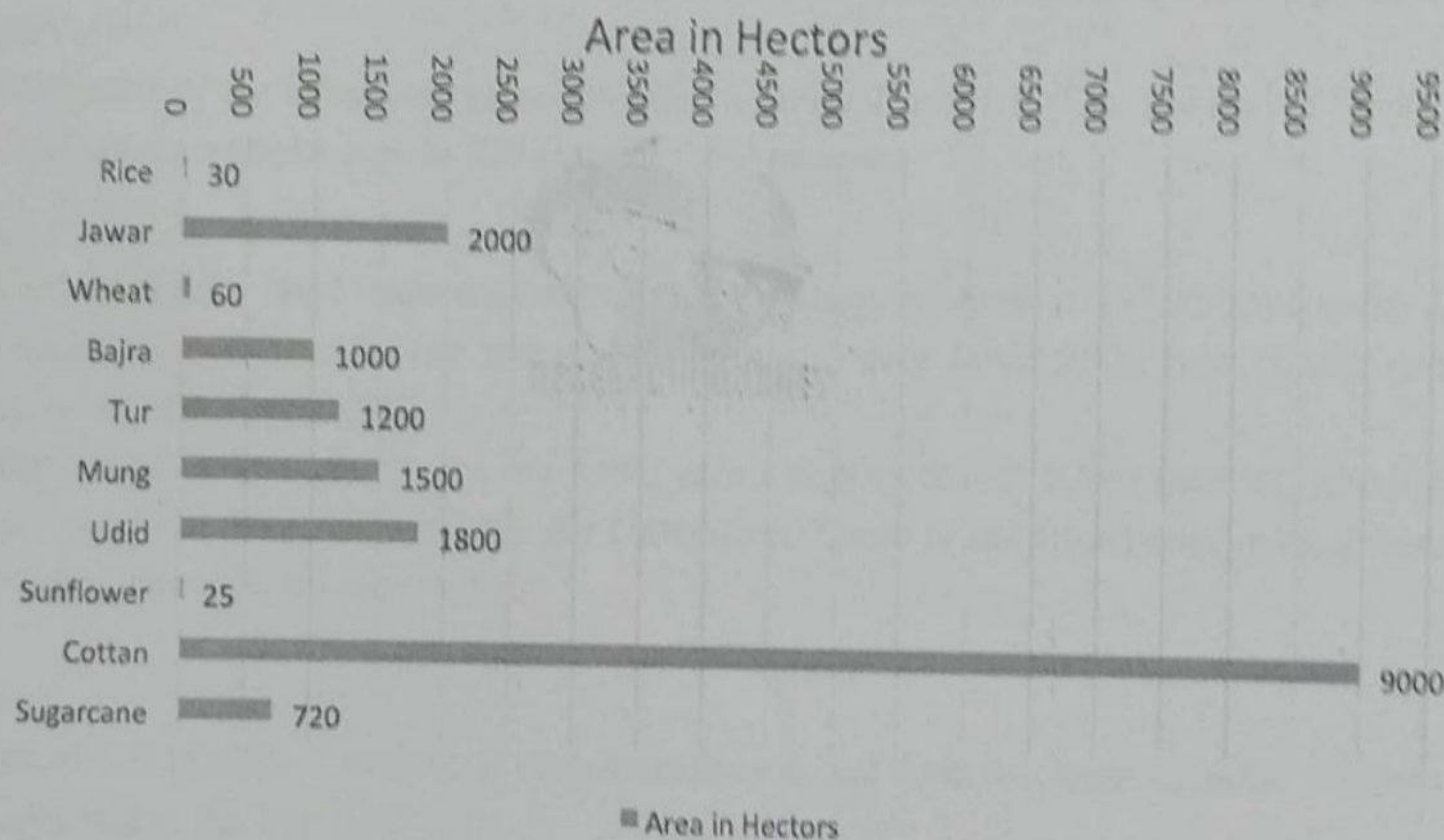
(5) **Net sown Area:**

Out of the total Geographical Area of study region, 46525 hectares is found under the Net sown Area occupied 82.60 x Percent, it is the lowest proportion, out of the total geographical area of shirur kasar tehsil

Table No. 1.2 shirur kasar tehsil: Agriculture land use in 2011.

Sr	Crop Name	Area in Hect	Percentage
1	Rice	30	00.17
2	Jawar	2000	11.53
3	Wheat	60	00.35
4	Bajra	1000	05.76
5	Tur	1200	06.92
6	Mung	1500	08.65
7	Udid	1800	10.38
8	Sunflower	25	00.14
9	Cottan	9000	51.91
10	Sugarcane	720	04.15
Total		17335	100.00

Source:- District Agriculture Department Beed -2011.



(1) **Rice-**

Rice is mainly tropical crop. It is important food crop in the study region. The special distribution of rice the shown in table No. 1.2 only 0.17 percent of the total gross cropped area was under the kharif crop in the tehsil.

(2) **Jawar:-**

Jawar is raised in kharip and Rabi Season special distribution of Jawar decreased by 11.53 percent during the period of investion

(3) **Wheat;-**

Wheat is raised in rabi season in the study area. The special distribution of wheat shown in 0.35 percent.

(4) Bajra: -

Bajra is important cereal next to Jawar crop in the study Region. The lowest increase in Bajra are below 1000 hect. The Area under Bajra decreased 5.76 percent.

(5) Tur:-

Tur is raised in kharif and Rabi season. Tur is mixed crop in Jawar and Cotton Special distribution of Tur shown in 6.92 percent

(6) Mung:-

Mung is kharif crop accruing 1500 Hect, Special distribution of mung shown in Table no 1.2. (8.65%) percent.

(7) Udid:-

Udid is kharif crop and medium black soil in the region. It is shown Jun to Sep month total gross cropping area 1800 Hect. (10.38) per

(8) Sunflower: -

Sunflower is Rabi season the proportion of sunflower are in the gross cropped area was below 25 Hect. (0.14 percent).

(9) Cotton:-

Cotton is the first principle case crop in the Shirur Kasar tehsil. Cotton has favorable condition in the study region. The gross cropped area was below (9000 Hect) 51.91 x percent

(10) Sugarcane:-

Sugarcane is the three year principle case in Shirur Kasar tehsil. In the region Sugarcane area the total gross cropped area in 720 Hect (4.15%) percent.

Conclusion:-

The position in 2011 what that of out of gross chopped Area of 173.35 hect. under udid were 25 hect., Rice 30 hect, under wheat were bo hect, ender Jawar 2000 Hect, Under cotton. 9000 hect. ovi During period 2011.

2 The Highest are found under area net sown area category that is 82.60 percent. About 6.67 percent are is found Area not available for cultivation, These is need for better management of land utilization in the shirur kasar tehsil.

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