

Study of Lentil and Gram Crops in Sagar Division (Year 2011 and Year 2015)

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Abstract - :-I have presented a brief description of the yield and area of lentil and gram crops under sagar division in the year 2011 and year 2015 and the percentage change in both the year. In Sagar district the percentage change of 44(000'hect.) areas under the year 2011 and 45(000'hect.) areas under the year 2015 is 2.2%. This shows that there has been an increase of 2.2% in lentil agriculture in the year 2015 as compared to the year 2011. In Sagar district the percentage change of 13(000'm.t.) production under the year 2011 and 51(000'm.t.) production under the year 2015 is 292.3%. This shows that there has been an increase of 292.3% in lentil agriculture in the year 2015 as compared to the year 2011. In Sagar district the percentage change of 221(kg/hect.) yield under the year 2011 and 1135(kg/hect.) production under the year 2015 is 413.5%. This shows that there has been an increase of 413.5% in lentil agriculture in the year 2015 as compared to the year 2011. (Table-1.1)

Index Terms – Production, Agriculture, Increase, Compared, percentage change, crops.

INTRODUCTION

RELATED WORK/REVIEW OF RESEARCH PAPER

In the past years many author have done work related to this subject like C.K. Jain, Baker(1928), Sarkar (1940), Kurian (1952), R.P.Mishra, Knight (1954), Bansil (1954), Jakhade (1915), Ghari (1956), Elahi (1954), Rusell (1954), Bray (1962) and has written book on this subject is such that we will get a lot of information related to agriculture in Madhya Pradesh.

DATA AND METHOD

In this research paper, I have accomplished this by taking the help of reference books and through the

power of my knowledge search and in this I have used descriptive, explanatory, and comparative methods.

OBJECTIVES/ PROPOSED WORK/PROPOSED WORK

1. To find out the status of lentil and gram crops in sagar division.
2. To know about lentils and gram crops.
3. To make aware of the yield of lentil and gram crops.
4. To make aware of agriculture related information of sagar division.

STUDY AREA

In this research paper my area of research is entire Sagar Division and I have studied lentil and gram crops under total division in this research paper.

ACKNOWLEDGMENT

Whatever advice I discussed related to the subject of this research paper; I have asked for this advice. He has advised me that this is a very good subject to write a research paper and I have told all the scholars that I am writing a research paper on it. He has said that this is a good topic for research paper.

RESULT

As a result of this paper, it can be said that in the district of Damoh, Panna, Chhatarpur, Tikamgarh, and Niwari etc. under the entire Sagar Division, most of the decline in percentage change under lentil crops has been observed in year 2011 and year 2015. But the production and yield percentage change has seen a lot of increase. Similarly in the year 2011 and year 2015

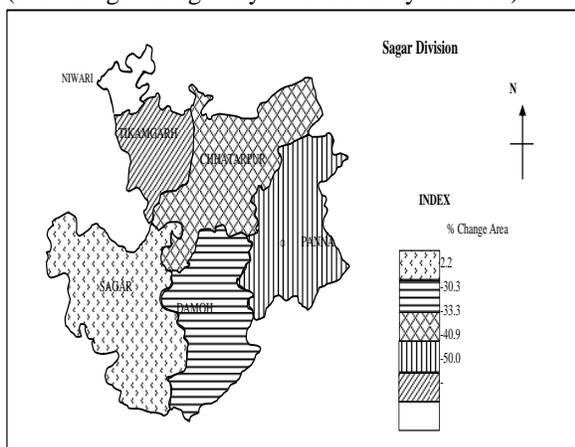
under the crop of the gram there has been a similar percentage change in the area, production and the same but only a percentage change of the name has been done and most of them have seen a decrease. (Coppock, J.T.)

Table-1 Area, Production and Yield of Lentil Crops in Sagar Division
(Area: 000'Hectare, Production: 000'M.T., Yield: Kg/Hectare)

S. No.	District Name	Year-2011			Year-2015			% Change (Area)	% Change (Production)	% Change (Yield)
		Area	Production	Yield	Area	Production	Yield			
1	Sagar	44	13	221	45	51	1135	2.2	292.3	413.5
2	Damoh	33	18	549	23	23	1025	-30.3	27.7	86.7
3	Panna	44	20	499	26	36	1415	-40.9	80.0	183.5
4	Chhatarpur	9	2	169	6	5	915	-33.3	150.0	441.4
5	Tikamgarh	5	2	329	1	--	925	-50.0	-100.0	181.1
6	Nivari	--	--	--	--	--	--	--	--	--

Reference: -1. Annual Report (2018-19): Department of Agricultural Cooperation and Formers Welfare Government of India, Krishi Bhavan, New Delhi.

Figure-1.1: Area of Lentil Crops in Sagar Division
(Percentage change of year 2011 and year 2015)



(Percentage change of year 2011 and year 2015)

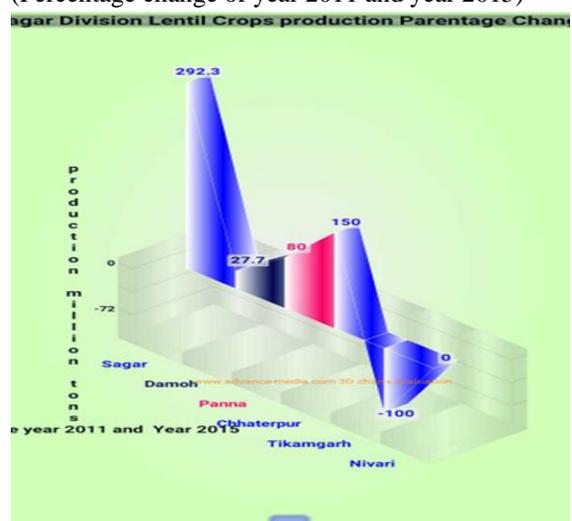


Figure-1.2: Production of Lentil Crops in Sagar Division

S. No.	District Name	Year-2011			Year-2015			% Change (Area)	% Change (Production)	% Change (Yield)
		Area	Production	Yield	Area	Production	Yield			
1	Sagar	160	167	1041	172	179	1040	7.5	7.1	-0.09
2	Damoh	107	103	954	162	173	1070	61.6	67.9	12.1
3	Panna	85	84	991	72	84	1155	-1.1	--	16.5
4	Chhatarpur	88	133	1509	49	42	858	-100.0	-68.4	-43.1
5	Tikamgarh	18	18	1009	77	16	977	327.7	-11.1	-3.1
6	Nivari	--	--	--	--	--	--	--	--	--

Table-2 Area, Production and Yield of Gram Crops in Sagar Division
(Area: 000'Hectare, Production: 000'M.T., Yield: Kg/Hectare)

Reference: -1. Annual Report (2018-19): Department of Agricultural Cooperation and Formers Welfare Government of India, Krishi Bhavan, New Delhi.

Figure-2.1: Area of Gram Crops in Sagar Division (Percentage change of year 2011 and year 2015)

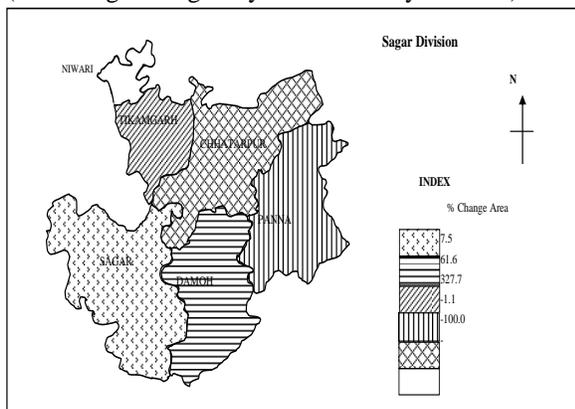
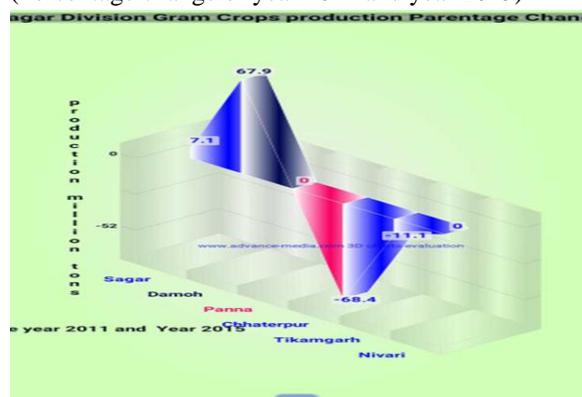


Figure-2.2: Production of Gram Crops in Sagar Division (Percentage change of year 2011 and year 2015)



DISCUSSION

This topic is very good for research. When I asked my culling too, he said this topic is very good for this research. After discussion on this it has been decided that this area is normal for lentil and gram crops in sagar division and is at normal level in the entire sagar division. Crops are grown.

Recommendation:-I recommend the topic of this research paper from which you will get information about the lentil and gram crops produced in sagar division.

CONCLUSION

In conclusion the same can be said about this research paper that sagar division has very little area under the

crop of lentil and gram and its yield is also very low. Its production does not increase much. By extracting this percentage change of year 2011 and year 2015 this is the result that sagar division does not produce much under these crops.

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BIOGRAPHY

My name is Dr. Mukesh Mishra S/O Shri Bhagwat Prasad Mishra my qualification M.A.(Geography), PhD, MPSET, 2 Books, 14 research paper, 8 international research paper and 6 seminar. I was born on 27 January 1978 in pipariya champat a small village in damoh, a small district located in Madhya Pradesh,

India. My education from class one to class eight was done at my birthplace Pipariya champat and education from class 9th to M.A. has been done in damoh district. Further on, I want to sagar to pursue a PhD for higher studies and from there I received my PhD from Dr.Harisingh Gour University Sagar in the year 2007.After receiving this degree I started teaching at government jatashankar trivedi govt. college balaghat as a visiting scholar of Madhya Pradesh under the Madhya Pradesh higher education department from the year 2007 itself. Similarly in this system, I have continuously worked as a teacher in Ajaygarh(2008-9), Narsinghpur (2009-10), Gairatganj (2010-11), Damoh (2011-12), Jabera (2012-13 to 2016-17), till present and I am currently teaching in Batiyagarh government college.