

The Socio Economic Profile of covid-19 lockdown effected farmer in surguja district of chhattisgarh

Abstract

The present study conduct in village namely Sakalo, Sargwan, Ara, Amatoli which comes under block Ambikapur and Sitapur, where selected Purposively, both these blocks come under Sarguja district which is in state Chhattisgarh, 20 farmers from each village a total of 80 farmers have been selected Purposively. The study “the Socio Economic Profile of covid-19 lockdown effected farmer in surguja district of Chhattisgarh” The data were collected by personal interview method with the help of structured interview schedule. The data were tabulated, analyzed and interpreted. Distribution of respondents according to the Socio Economic Profile of covid-19 lockdown effected farmer The analysis of profile characteristics of overall lockdown effected farmers growers indicated that majority of (61.25%) young age category , (48.75%) farmers ST category , (45%) illiterate, (40%) famers small land holding, (63%) famers occupation is agriculture,(68.75%) irrigated type land, (50%) farmers is medium level income, majority of farmers family joint, (50%) farmers house is kaccha type, (55%) sources of drinking water is publicly, (60%) farmers Farm equipments is low, (45%) farmers Sources of information is low, The findings of the present study would be helpful to understand the socioeconomic level of farmers. The present study will provide useful guidance for understanding recommended package of practices used by the farmers.

Key words- covid-19 , lockdown, farmers, socio-economic profiles, effects.

Introduction

Agriculture Plays a vital role in the Indian economy. Over 70 per cent of the rural households depend on Agriculture. Agriculture is an important sector of Indian economy as it contributes about 17% to the total GDP and provides employment to over 60% of the population . Indian agriculture has been the source of supply of raw material to leading industries in India. Cotton, Jute, Sugar, Vanaspati industries and plantations depend on agriculture directly and also the cottage industries like handloom weaving, oil crushing, rice husking and such depend upon Agriculture for raw materials, Agriculture plays vital role in generating employment reducing poverty and sustaining growth in India Source of food security to the expanding population Total production of rice

during 2019-20 is estimated at record 117.47 million tones. Total Pulses production is estimated at 23.02 million tones, Production of wheat during 2019-20 is estimated at record 106.21 million tones. It is higher by 2.61 million tones as compared to wheat production during 2018-19 and is higher by 11.60 million tones than the average wheat production of 94.61 million tones, A lockdown is a requirement for people to stay where they are, usually due to specific risks to themselves or to others if they can move freely. The term "stay-at-home" or "shelter-in-place" is often used for lockdowns that affect an area, rather than specific locations. The term is used for a prison protocol that usually prevents people, information or objects from leaving an area. The protocol can

usually only be initiated by someone in a position of authority. A lockdown can also be used to protect people inside a facility or, for example, a computing system, from a threat or other external event. In buildings doors leading outside are usually locked so that no person may enter or exit. A full lockdown usually means that people must stay where they are and may not enter or exit a building or rooms within it, needing to go to the nearest place designated safe if not already in such a place. A lockdown drill may be held in the absence of a threat, to familiarize people with what they must do. (Issaka et al., 2016). Rural areas also face labor shortages as a result of migration. As certain farming practices demand high labor inputs, the initiation of farmers' groups may

Scope of the study- The findings of the present study would be helpful to understand the socioeconomic level of farmers. The present study will provide useful guidance for understanding recommended

Materials and Methods

The present study was carried out in Northern Hill region Chhattisgarh State during the year 2020-21, The Chhattisgarh state is divided into 29 districts with three regions. Among this Northern hill region was selected for present study. The present investigation was carried out in Northern hill region comprise of out of 4 districts. Out of 4 districts for the present study one district is selected randomly, i.e. Surguja. In Surguja district comprise of 7 blocks,

Result and discussion

For conducting this research, sixteen parameters had been taken to assess the socio-economic profile of the farm respondents. These parameters had been classified as Personal, Economic, and Social Profiles like , age , education, cast , education, occupation,

contribute to labor being exchanged between farm households. (Deepa Maggo 2020).The lockdown created both a shortage of labor and equipment - migrant laborers in India usually move to rural areas during harvesting of crop and smallholder farmers often rent harvesting equipment as this is cheaper than purchasing it Consequently, farmers have not been able to harvest their bumper crops of cereal and oilseed harvest this season, (Vikas et al.2020) said Unplanned and sudden imposition of the lockdown resulted in a massive and unprecedented disruption to agricultural activities such as harvesting, sale of agricultural produce, and purchase of inputs. The lockdown caused major disruption to the harvesting of wheat. Combine harvesters were not available in villages,

package of practices used by the farmers. The findings of the study would be helpful to understand the problems faced by the farmers and to obtain the suggestions to overcome the problem.

out of which two blocks selected purposively i.e. Ambikapur and Sitapur. In selected blocks two villages were purposively selected, thus total four villages were selected for the present investigation. From each selected village, twenty (20) Farmers were selected purposively. That members who are involved in agriculture and allied activities was selected as a respondent. Thus, 80 (Total $20 \times 4 = 80$) total respondents for the present study, The data were collected by using a well-structured interview schedule technique. The collected data were analyzed using various statistical tools like, Average, Frequency, and Percentage.

income, type of family, size of family, land type, land size, source of information, source of drinking water, comfortable assets, farm equipments, social participation All the parameters are shown in the table by categorizing them into low, medium and high.

Table 1 : Epidemiological study results

S.no	Parameters	Category	Frequency (n=80)	Percentage%
1	Age	Young (up to 35 years)	20	25.00
		Middle (36 to 50 years)	49	61.25
		Old (above 50 years)	11	13.75
2	Cast	General	04	5.00
		Other backward cast(OBC)	19	23.75
		Schedule cast (sc)	18	22.5
		Schedule tribe (ST)	39	48.75
3	Education	Illiterate	36	45.00
		Primary + middle	23	28.75
		school Up to high school	8	10.00
		Upto higher secondary school	6	7.5
		graduate	4	5.00
		graduate above	3	3.75
4	Land holding	Marginal farmer (up to 1haq)	21	26.25
		Small farmer (1 to 2 haq)	32	40.00
		Medium farmer (2 to 4 haq)	15	18.75
		Large farmer (above 4 haq)	12	15.00
5	Occupation	Agriculture activity	51	63.75
		Agriculture + services	10	12.5
		Agriculture + business	19	23.75
6	Land type	Irrigated	55	68.75
		Un irrigated	25	31.25
7	Annual income	Low (up to 50,000/-)	26	32.5
		Medium (50,000 to 100000/-)	40	50.00
		High (more than 100000/-)	14	17.5
8	Family type	Joint	57	71.25
		Nuclear	23	28.75
9	Family size	Up to 3 members	7	8.75
		3 to 5 members	23	28.75
		5 to 7 members	31	38.75
		Above 7 members	19	23.75
10	Type of house	Kacha house	40	50.00
		Pakkaa house	22	27.5
		Kacha pakka house	18	22.5
11	Source of drinking water	Own	36	45.00
		Publicly	44	55.00
12	Comfortable assets	Low(up to 5 assets)	19	23.75
		Medium(5 to 10 assets)	46	57.5
		High(above 10 assets)	15	18.75
13	Farm	Low(up to equipments)	20	25.00

	equipments	Medium(5 to 10 equipments)	48	60.00
		High(above 10 equipments)	12	15.00
14	Social participation	No membership of organization	32	40.00
		Membership of one organization	35	43.75
		Membership of more then on organization	13	16.25
15	Source of irrigation	Canal	23	28.75
		Pond	9	11.25
		Tube well	25	31.25
		Well	8	10
		River	15	18.75
16	Source of information	Low(up to 3 sources)	36	45.00
		Medium(3 to 6 sources)	31	38.75
		High(above 6 sources)	13	16.25

The data presented in **table.1.** showed that higher percentage of the Farmer (**61.25 percent**) were of middle age group followed by young age group (**25 percent**) and old age group (**13.75 percent**) respectively, majority of farmers ST(**48.75 percent**), (**22.5 percent**) were found to be in SC, (**23.75 percent**) were found to be in OBC and (**5.00 percent**) were found to be general, (**45 percent**) were found to be in illiterate, (**28.75 percent**) were found to be in primary +middle school, (**10 percent**) farmers were found to be in up to high school, and (**7.5 percent**) were found to be higher secondary, (**5 percent**) were found to be graduate and (**3.75 percent**) were found to be graduate above, most of farmers(**26.25 percent**) had marginal size of land,(**40 percent**) and (**18.75 percent**) and (**15 percent**) farmers had small, medium and large size of land holding respectively. Thus, it is evident that higher percentage (**40 percent**) respondents had small size of land holding. (**63.75 percent**) farmers were found to be in occupation of agriculture activity, (**23.75 percent**) were found to be in agriculture + business, (**12.5 percent**) were found to be in agriculture and services, Indicate that out of 80 respondents,(**68.75 percent**) were found to be in Irrigated land, and (**31.5 percent**) were found to be in un irrigated land,(**50 percent**) farmers were found to be in Annual income is medium level (50,000 to 1,00000) (**32.5 percent**) low annual income and (**17.5 percent**) were found to be in high annual income, the data reveals that (**71.25 percent**) farmers belonged to joint family and (**28.75 percent**) farmers belonged to nuclear family, the size of family of farmers is (**38.75 percent**) farmers under to 5 to 7 members of each family and (**28.75percent**) farmers above to 7 members of each family and (**23.75 percent**) farmers under to 3 to 5 members of family and (**8.75 percent**) farmers under up to three members, house type of

farmers is (50 percent) were found to be in Kaccha house, (**27.5 percent**) were found to be in pucca house and (**22,5 Percent**) were found to be in kaccha pucca house, (**55 percent**) respondent were found to be in Sources of drinking water publicly and (**45 percent**) respondent were found to be in sources of drinking water is own facility, the farmers obtain comfortable assets like tv, radio, washing machine, motorcycle etc. is (**57 percent**) were found to be in Medium level of (5 to 10) comfortable assets (**24 percent**) were found to be in low level of (up to 5) comfortable assets and (**19 percent**) were found to be in high level (above 10) comfortable assets, farm equipments (**60 percent**) were found to be in Medium level of (5 to 10) equipments, (**25 percent**) were found to be in low level of (up to 5) equipments and (**15 percent**) were found to be in high level of (above 10) equipments, If we talk about the social participation of the adopted village farmers, among them (40 percent) were found to be in no membership any of organization, (**43 percent**) were found to be in membership of one organization and (16.25 percent) found to be in membership of more then on organization, (**31.25percent**) respondent were found to be in sources of irrigation tube well, (bore) (**28.75 percent**) respondent were found to be in sources of irrigation canal, (**18.75 percent**) river, (**11.25 percent**) pond and (**10 percent**) respondent were found to be in sources of irrigation is well, source of information to farmers is (**45 percent**) were found to be in low level of sources of information (**38.75 percent**) were found to be in medium level of sources of information and (**16.25 percent**) were found to be in high level sources of information.

Conclusion

On the basis of empirical results found in the present study that maximum number of farmers belonged to middle age group of (36-50 years), majority of farmers belonged to ST, maximum of farmers had joint type of family, maximum of farmers illiterate, maximum of farmers had irrigated land, maximum numbers of to medium annual income, maximum of farmers had one occupation agricultural activities,

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maximum of farmers had low level source of information, maximum of farmers had small size of land holding and maximum of farmers had medium level of comfortable assets and farm equipments. maximum farmers had membership of one organization, maximum farmers had sources of irrigation tube well. Maximum farmers had Sources of drinking water is publicly

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