

Chapter 1

1. Introduction

1.1 Agricultural Census forms part of a broader system of collection of Agricultural Statistics. It is large-scale statistical operation for the collection and derivation of quantitative information about the structure of agriculture in the country. An agricultural operational holding is ultimate unit for taking decision for development of agriculture at micro level. It is for this reason that an operational holding is taken as the statistical unit of data collection for describing the structure of agriculture. Through Agricultural Census it is endeavored to collect basic data on all the important aspects of agricultural economy for all the operational holdings. Aggregation of data is done at various levels of administrative units of the revenue department.

1.2 Periodic Agricultural Censuses are important as they are the main source of information on basic characteristics of operational holdings such as land use and cropping patterns, irrigation status, tenancy particulars and the terms of leasing. This information is tabulated by different size classes and social groups including Schedule Castes/Schedule Tribes which are needed for development planning, socio-economic policy formulation and establishment of national and state priorities. The census also provides the basis for the development of a comprehensive integrated national system of agricultural statistics and has links with various components of the national statistical system. The whole project of Agricultural Census in the country is implemented in three distinct phases, which are statistically linked together but focus on different aspects of agricultural statistics. In Phase-I a list of holdings with their area and social characteristics of the holders is prepared. In Phase-II detailed data on agricultural characteristics of holdings are collected from selected villages. In Phase-III data on input use pattern are collected from selected holdings in selected villages. Thus the whole operation of Agricultural Census in India is not really a complete Census. In fact, it is a combination of Census and Sample Survey.

1.3 Agricultural census in India is conducted following broad guidelines for the decennial World census of Agriculture conducted by Food and Agriculture Organization of the UN. India has been participating in the World Agricultural Census Programme for over three decades. The first countrywide comprehensive Agricultural Census was organized by the Ministry of Agriculture with the Agricultural year 1970-71(1st July 1970 to 30th June,1971) as the reference period as part of the 1970 world Agricultural Census, which was followed by Agricultural Census with reference years 1976-77, 1980-81, 1985-86, 1990-91, 1995-96, 2000-01, 2005-2006 and 2010-11. The next Agricultural Census has been planned and is being conducted in the country with 2015-2016 (1st July, 2015 to 30th June, 2016) as the reference period.

The Ninth Agricultural Census with the agriculture year 2010-11 as reference period was started in Uttarakhand from January, 2010. Translation of manual and publication of these manuals was done by March, 2010. State level training was organized during June, 2010. District and tehsil level trainings were conducted from June 2010 to July 2010. Field work was conducted First and second phase during July 2012 to January 2013.

2. Concept & Definitions

2.1 Agriculture Census

Agriculture plays an important role in Indian Economy. It provides gainful employment to a significantly large section of Indian Society and provides raw material for a large number of industries in the country. According to 2011 Population Census nearly 83.3 percent of India's population lives in rural areas (69.76% in Uttarakhand) for its livelihood. Agriculture is the largest contributor in the country's Gross Domestic Product (GDP) accounting for as much as 27.3 percent at current prices in 2010-11. In Uttarakhand Gross State Domestic Product is 16.90% at current prices. Thus, Agriculture has a key position in India's as well as for Uttarakhand's economy both in view of employment and contribution to the national and state income.

Due to the dominant position of the Agriculture sector in the Indian economy, collection and maintenance of Agricultural statistics assumes importance, particularly, in respect of statistics relating to the agricultural holdings. Building up a database is essential for planning at micro and macro level. The initiation of land reform measures relating to tenancy, ceiling on holdings and their consolidation adopted since independence, necessitated the maintenance of detailed and up-to-date land records.

India is one of the few countries in the world which has developed a sound system of land records including village maps which dates back to very early times. For enhancing the utility of these data; a system has to be developed so that the data contained in detailed village forms and registers could be presented in usable forms. The earlier objective of these village forms and registers was to get basic data for land revenue assessment. These data have now become essential for agricultural planning and development as they constitute the basis for land utilization, crop and irrigation statistics.

In States having comprehensive land records, information on the number and area of operational holdings was collected on complete enumeration basis for all villages by re-tabulation method from the land records. For collection of data on other characteristics namely, tenure and tenancy particulars of leased-in area, land use, irrigation area under different crops, etc. 20% of the villages selected randomly from each Tehsil constituted the basis. In these 20% villages, information relating to the above characteristics was compiled from the relevant Khatauni and Khasra registers in respect of the resident operational holders. Resident operational holders of urban area were also covered.

In most of the States in India, a fairly comprehensive system of land records consisting of various village forms and registers giving detailed information on land and its utilization exists. The current agricultural statistics particularly those in respect of cropwise abstracts are prepared for the village as a whole for each cropping season. These data are then aggregated at successive levels like Patwari circle to Revenue Inspector Circle, tehsils, district, State and All India levels. In Agricultural Censuses, the data available in the village land records is required to be re-tabulated for generating information on the holdings. The procedure adopted for re-tabulation of data in the States where re-tabulation approach is adopted differs in detail from State to State depending on the land records system followed. By and large, the Patwari consults the Khasra register and note down the name of operational holder against Khasra number and place together all the survey number/ sub survey numbers, cultivated by the same operational holders. Some of the existing land records are also used in preparing the list of operational holders. For instance, in Uttarakhand & U.P., a list of primary owner cultivators is prepared from Khatauni. The names of

operational holders not owning the land are added with help of Khasra chhitha prepared especially for this work on enquiry basis.

2.2 Development of Agricultural Statistics in India

India's self sufficient villages constituted the hubs of her rural economy based on Agriculture. Land revenue was one of the main sources of State income. Collection of Land revenue necessitated maintenance of some records related to cultivation. In the 16th century, Sher Shah initiated land settlement operations for assessment and collection of land revenue. This was later systemized during the reign of Akbar when Todar Mal re-organized entire land revenue system. During the British period some drastic changes were made with a view to further improve land revenue system and augment the revenue. These changes resulted in the development of two major types of land revenue systems. In Bengal and adjacent areas, permanent settlement was introduced, where designated private landlords acted as intermediaries and enjoyed limited rights of private property. In large parts of the country, a system of temporary settlement was introduced. This was known as Ryatwari system. Many changes were made in these two systems during the course of the 19th century.

After the independence, the various land laws were introduced to bring the farmers and State into direct contact. The Zamindari system was abolished. Some laws giving protection to tenants were introduced.

The gradual evolution of the land systems in the country necessitated the maintenance of the village forms and registers giving details of the land held, the various conditions under which they are held. A regular system of revenue administration was established for the purpose. These forms and registers in vogue for the maintenance of land records in different States constituted the basis for land utilization, crop and irrigation statistics. These land records forms and registers are prepared on complete enumeration basis in all the States except Kerala, Orissa, West Bengal, Meghalaya, Manipur, Tripura and some of the Union Territories along with hills of Uttarakhand.

Changes in the scope and coverage of Agricultural Census have been made from time to time, to meet the increasing requirements of data for planning and implementation of Agricultural Development Programmes. A number of new schemes were introduced for regular and timely collection of statistics relating to various facts of agriculture like production and procurement of food grains, import, export and pricing of Agricultural commodities.

The National Commission on Agriculture, after examining the various alternatives for collection of Agricultural Statistics concluded that the best method of collection of such statistics was by way of land records. In this process, the Patwari, who is primarily responsible for maintenance of land records, was considered to be the most suitable person who undertakes the job of crop inspection. The Commission concluded that the basic structure for collection of Agricultural Statistics could be improved by enabling the Patwari to do his job better and other revenue officials at the village and Taluk/Tehsil level to devote adequate attention to the collection of Agriculture Statistics.

Agriculture Statistics in India have thus grown with the evolution of the land record system in the country.

2.3 System of Collection of Agricultural Statistics in India

The collection of agricultural statistics in India dates back to third or fourth century BC. Later, collection of these data was done mainly as a by-product of revenue administration. Keeping in view the collection of land use statistics, the country can be divided broadly into three categories. In the first category are States where the village revenue agency collects statistics relating to land holdings as a part of land records. This is done by village officials on the basis of actual inspection in the field at periodic intervals. Standard forms have been prescribed for this purpose. These data are then aggregated at the level of Revenue Inspector Circle, Tehsil, District and State by the officers of Revenue/Agriculture Statistics Departments.

The second category consists of States of West Bengal, Orissa, and Kerala, where revenue agencies do not exist. The Centrally Sponsored Scheme entitled "Establishment of an Agency for Reporting of Agricultural Statistics (EARAS)" was taken up for implementation in these three states since 1975-76. A sample of 20% villages at random was taken in such a way that during a period of five years all the villages in the State are covered. Under the scheme information is collected on area under principal crops and land utilization. This is done by complete enumeration of field to field of the sample villages. Hill areas of Uttarakhand follow under this category.

The third category consists of States and Union Territories mostly in the North-Eastern Region (except Assam) which are neither surveyed for land records nor the requisite revenue agencies for collection of data exist. In these areas the statistics of land records are collected on a sample basis on the basis of personal knowledge of Revenue Officer/Agricultural Officer.

2.4 Need of Agriculture Census for Planning and Development

The Agricultural Statistics collected through various sources in the past related mostly to aggregate the area, production and land use at various territorial levels. However, vital information for various characteristics of different size classes of holding was not available. Further, information on operational holding which is most essential for decision making in Agriculture and consequently for development of programmes aimed at improving the income and standard of living of the cultivators was also not available. Hence, the census of operational holdings provides data on their number, area, tenancy, irrigation status, size of holding, type of holdings and farming practices assumes special importance for planning and implementation of land reforms etc. This information is also necessary for preparing schemes for the welfare of small and marginal farmers. Data from Agricultural Census are equally valuable for planning at micro and macro levels. The census data is useful for policy decisions and for planning Agricultural production programmes such as for planning and execution of the High Yielding Variety (HYV) Programmes and programmes on multiple cropping, irrigation, fertilizer, Agricultural Credit, etc.

Similarly, the Agricultural Census data would be essential in formulating appropriate policies for programmes of Agricultural machinery and implements, special area programmes, strengthening and streamlining of extension services and effective planning in respect of schemes like Small Farmers, Marginal Farmers, Large Farmers, Schedule Caste and Tribal Projects. Thus, a census of operational holdings called Agricultural Census assumes importance as a source of basic data relating to number, area and size of holding, tenancy, land utilization, cropping pattern and irrigation particulars.

Operational Holding

All land which is used wholly or partly for Agriculture production and is operated as one technical unit by one person alone or with others without regard to the title, legal form, size or location.

Technical Unit

A technical unit has been defined as that unit which is under the same management and has the same means of production such as labour force, machinery and animals.

Agriculture Production

Agriculture production includes growing of field crops, fruits, grapes, seeds, tree nurseries (except those of forest trees), vegetables and flowers, production of coffee, tea, cocoa, rubber, jute, oilseeds, fodder grass, etc. Grass would be treated as a crop if special efforts are made to raise it.

***DE FACTO* Verses *DE JURE* Position**

In most of the States, land records comprising records of the rights, tenancy and crop inspection of each survey number are maintained in various registers/forms by the revenue official, namely, the patwaries. In these States, generally Agriculture Census data are compiled on the basis of re-tabulation approach. The question that arose in adopting this approach was about the reliability of data regarding tenancy particulars, as the de facto position may be different from de jure position. The de facto position related to what was actually the situation on the spot. In order to get reliable data on de facto position, the concerned States undertook updating of records on the eve of the Census to reduce this type of error. However, marginal differences may still exist though the primary workers were generally knowledgeable enough to record accurately the actual situation as far as possible.

Operated area

Operated area includes both cultivated and uncultivated area, provided part of it is put to Agriculture production during the reference period. If, for instance, an operational holding consists of four survey numbers out of which one survey number is put to non-Agriculture uses, the total area of the operational holding is equal to the total geographical area of all the four survey numbers.

It also covered the land occupied by the farm buildings, including the house of the holder, provided such buildings are located within the operated area. If the farms buildings are located outside the cultivated area and are covered under abadi area, such buildings are not included.

Operated area excludes government forest land, government waste land, village common grazing land, abadi area etc. If Government wasteland is allotted to an individual then it is also included in the holding.

If the entire area of the holding (the area of all the survey numbers of an operational holding) is put to non-Agriculture use and/or it is under old fallow, it is considered as operated area. If, however, the entire area of operational holding is under current fallow during the reference year but was cultivated in the preceding year, this is still considered as operational holding.

In some cases, land is divided amongst all the members of the family. Where it is divided between the husband, wife and minor children and the cultivation is done by the husband as the head of the family, the land may appropriately be treated as one operational holding.

There might be cases where in the records, a holding is shown jointly in the name of more than one co-sharer while in fact the land may have been privately divided and the co-sharers are independently cultivating. In such cases where there is no dispute, they are treated as many operational holdings as the number of independent cultivators. This is because in Agriculture Census the data is collected on the basis of *de facto* position rather than *de jure* position.

In some States, in the Zamabandi register against a Khata, name of three or four persons are shown. While from the records it appears that there is only one holding, in practice, all the three or four brothers are actually cultivating the land independently of each other although there is no legal partition of land. From the Census point of view, this constituted three or four operational holdings.

Cultivated areas in the State Forests for which no detailed land records are available with the revenue agency are excluded for Census purposes.

The operated area comprise of:

- i) Land owned and self operated
- ii) Land leased in
- iii) Land otherwise operated.

Land owned and self-operated: Land for which the cultivator has the right to permanent heritable possession is considered as owned. This includes:

- (i) Land held from Government or others under grant or lease or assignment with right of permanent heritable possession with or without right of transfer,
- (ii) Land operated under perpetual lease.

Self-operated land includes:

- a) Self cultivation
- b) Land cultivated through members of the family
- c) Land cultivated with the help of hired labour. Land owned and self operated should not; include land leased out to others.

Leased in: Area leased in is defined as land taken on lease from others without any permanent right of possession for the lease. Land may be leased in for:

- i) Fixed money
- ii) Fixed produce
- iii) Share of produce
- iv) Usufructuary mortgage: Ownership of the property remains with the mortgager but the possession is with the mortgagee (i.e. the person to whom the mortgage is made or given). Income from the property accrues to the mortgagee and the mortgage is terminated as soon as the full amount is realized.
- v) Other terms to be specified

Area otherwise operated: This include encroachment, land forcibly occupied, unauthorized or land in dispute etc., which cannot be treated as owned or leased in, as per the definitions given above.

Operational holder

An Operational holder is the person who has the responsibility for the operation of the Agriculture holding and who exercises the technical initiative and is responsible for its operation. He may have full economic responsibility or may share it with others. The operational holder may be Individual/Joint/ Institutional.

- i) **Individual:** If the holding is being operated either by one person alone or by group of persons who are the members of the same household it is considered as an individual holding.
- ii) **Joint:** If two or more persons belonging to different households, share jointly as partners in the economic and technical responsibility for the operation of an Agriculture holding, such holding are considered as joint.
- iii) **Institutional:** Holdings such as government farms, sugarcane factories, farms, cooperative farms, lands managed by trust are treated as institutional.

Resident and Non-resident operational holder

All the cultivators residing in a particular village and cultivating some land within the same tehsil are resident cultivators of that village irrespective of the fact whether they are cultivating land in that village or not. A resident cultivator may, therefore, have: either (i) entire area of the holding located in the village of his residence; or (ii) partly within the village of residence and partly outside; or (iii) entirely outside the village of residence.

An operational holder operating area outside the tehsil in which his village of residence falls, will not be treated as a resident cultivator of the village of his residence for Agriculture Census purposes. He will be treated as a resident cultivator of the village outside the tehsil where the area falls.

If the area in a particular village is operated by a cultivator who resides outside that village but within the same tehsil, he is a non-resident operational holder for that area. However, if this operational holder is resident of a village lying outside the tehsil in which the area is located, he is treated as a resident operational holder (deemed resident) of the village where the area is located.

Complete/Part-Holding holder

A holding is said to be complete holding if the entire operated area of that holding is located in one village. If the operated area is spread over more than one village, it is considered as part-holding.

Tehsil is taken as the outer limit for consolidation of part holdings.

Wholly Irrigated, Partly Irrigated and Wholly Un-irrigated Holdings

If the entire net area sown in an operational holding is equal to net area irrigated, such holdings are considered as wholly irrigated holding. In case part of the net sown area is irrigated, it is partly irrigated and if the entire sown area has not received any irrigation during the year of reference, such holding are wholly un-irrigated.

Land Utilization

Operated area is classified into six broad categories:

- i) Net area sown
- ii) Current fallow
- iii) Fallow land other than current fallow
- iv) Other uncultivated land excluding fallow land
- v) Culturable waste; and
- vi) Not available for cultivation.

Net area sown: Total area sown with crops and orchards counting area sown more than once in the same year only once.

Current fallow: Cropped area, which are kept fallow during the current year but was cultivated in the previous year. For example with any seeding area is not cropped in the same year, it may be treated as current fallow.

Fallow land other than current fallow: All lands, which are taken up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five years.

Other uncultivated land excluding fallow: This include:-

i) Permanent pastures and other grazing lands: All grazing lands, whether they are permanent pastures and meadows or not. Village common grazing lands is, however, excluded.

ii) Land under Miscellaneous Tree Crops: Cultivable land, which is not included in the net area sown but is put to some Agriculture use. Land under casuarinas trees, thatching grasses, bamboo bushes and other groves for fuel which are not included under 'Orchards' are covered under this category.

Culturable Waste: All lands available for cultivation whether not taken up for cultivation or taken up for cultivation once but not cultivated during the current year and the last five years or more in succession for one reason or the other. Such lands may be either wholly or partly covered with shrubs and jungles, which are not put to any use. Land once cultivated but not cultivated for five years in succession are also included in this category.

Not available for cultivation: This includes Forest, area under non-Agriculture use, barren and uncultivable land.

i) Forest: All lands classed as 'Forests' under any legal enactment dealing with forests or administered as forests whether State owned or private and whether wooded or maintained as potential forest land. The area of crops raised in the forest and grazing land or areas open for grazing within the forests would be included under the forest area. Only private forest is covered for the purpose of Agriculture Census.

ii) Area under Non-Agriculture Use: All lands occupied by buildings or ponds or lands put to use other than agriculture are included in this category. Only such lands within the cultivated holding should be covered in the Census.

iii) Barren and Uncultivable Land: All barren and uncultivable land within the cultivated holding.

3. Objectives

The main objectives of the Agricultural Census are:

- (i) To describe structure and characteristics of agriculture by providing statistical data on operational holdings, including land utilization, live-stock, agricultural machinery and implements, use of fertilizers etc.
- (ii) To provide benchmark data needed for formulating new agricultural development programmes and for evaluating their progress.
- (iii) To provide basic frame of operational holdings for carrying out future agricultural surveys and,
- (iv) To lay a basis for developing an integrated programme for current agricultural statistics.

4. Methodology

The data on the number and area of operational holdings according to different size classes, social groups and gender of operational holder are collected and compiled on complete enumeration basis through re-tabulation of information available in the village records. All survey numbers within each village are covered in preparing a list of “Operational Holdings”. An operational holding is the basic unit of enumeration. The holding of the actual cultivator and not the owner is the unit for collection of data. Some holdings may not be located completely within the village and they may be spread over to other villages. For preparation of a list of operational holdings, necessary matching of the part-holdings scattered over more than one village has been done. A holding may cut across the boundary of a Village/Patwari Circle/Revenue Inspector Circle/Tehsil/District/State. As in the previous censuses, the tehsil is the outer limit for pooling of all the parcels of an operational holding. If a holding is spread over more than one tehsil, that part of the holding which is lying outside the tehsil of residence of operational holder is treated as a separate holding.

For collection of detailed data, viz., (i) distribution of holdings according to tenancy status; (ii) area under different land uses; (iii) distribution of holdings according to irrigation status; (iv) area irrigated source-wise and (v) area under principal crops, large scale sample survey of size in approximately 20% of the villages selected for Partal (Girdawari-field to field survey) under Timely Reporting Scheme (TRS) of Agricultural Statistics in the plain districts and in approximately 20% of the villages selected for general Partal in the hill districts. Plain districts are Hardwar, Udhamasinghnagar and Part of Dehradun (Dehradun, Rishikesh and Vikasnagar tehsils) and part of Nainital district (Haldwani, Ramnagar and Kaladhungi tehsils) and remaining area of the state is in eleven hill districts.

The fieldwork of the preliminary compilation of basic data from village records in regard to main census was entrusted to the Lekhpals/Patwaries who are village level functionary of the revenue department. Thereafter, the formation of complete holding by amalgamating various part holdings spread over different villages of tehsil, which was taken as limiting point for the constitution of holding.

The relevant information obtained through the schedules listed below:

- L-1:** In this schedule, the list of operational holders residing and operating within the village and outside the same tehsil is collected.
- L-2:** In this schedule, the lists of non-resident operational holders operating within the village are collected.
- L-3:** In this schedule, the village level summary for the purpose of tallying the figures of operational holdings at village level and also other basic infrastructure facilities in the village are compiled, for the first time since inception of the Agriculture Census.
- T-1:** In this main schedule, the number and area of operational holdings according to sex, major size classes, social groups and types of holdings are computed.
- H:** In this schedule, the details of operational holdings, like land utilization, sources of irrigation, types of crops grown etc. are collected on sampling basis viz., by selecting 20 percent of villages coming under Timely Reporting Scheme of Agricultural Statistics in the plain districts and by selecting 20 percent of villages coming under General Partal in the hill districts.

The major size classes adopted are as follows:

Marginal Holdings	:An operated holding with area less than a hectare.
Small Holdings	:An operated holding with area one hectare and above, but below two hectares.
Semi-Medium Holdings	:An operational holding with area 2 hectares and above, but less than 4 hectares.
Medium Holdings	:An operational holding with area 4 hectares and above, but less than 10 hectares.
Large Holdings	:An operational holding with area 10 hectares and above.

The results based on Schedules L-1, L-2 and T-1 were presented in the Agriculture Census 2005-06 Part-I Report of Operational Holdings published by this office during September, 2011 for all social groups, sex-wise and size classwise. The results based on Schedule-H, L-3 and T-1, which is also known as second phase of Agriculture Census are presented in this report. The data related to the number and area of operational holdings by tenancy status, by land use, by irrigation status, crop wise and gross cropped area under different size classes along with break-up of Schedule Castes and Schedule Tribes is presented in this publication. Comparable data for the year 2000-01 has also been incorporated.

Chapter 2

2. Analysis of Agriculture Census Results

In this chapter the results of Agriculture Census 2010-11 have been analyzed at state level for SC, ST and All Social Groups. Comparison of estimated number and area of Operational holdings by tenancy status for 2010-11 and 2005-06 for SC, ST and All Social Groups is given in the following table:

Table 2.1: Comparison of Estimated Number and Area of Operational Holdings by Tenancy Status for 2010-11 and 2005-06

Area: ha.

Social Groups	Year	Total Holdings		Wholly Owned & Self Operated Holdings		Wholly Leased-In Holdings		Partly Owned & Partly Leased In-Holdings			
		No.	Area	No.	Area	No.	Area	No.	Owend Area	Leased Area	Total
1	2	3	4	5	6	7	8	9	10	11	12
SC	2010-11	125351	67533.50	124015	66418.55	111	33.00	679	464.86	231.04	695.90
	2005-06	124085	67494.70	121597	65816.51	718	201.55	0	0.00	0	0.00
	% variation over 2005-06	1.02	0.06	1.99	0.91	-84.54	-83.63	---	---	---	---
ST	2010-11	29673	47860.45	29599	47811.69	0	0.00	8	20.57	5.03	25.60
	2005-06	29723	48199.30	29423	47283.13	6	2.38	0	0.00	0	0.00
	% variation over 2005-06	-0.17	-0.70	0.46	1.12	-100.00	-100.00	---	---	---	---
Others	2010-11	755624	687591.33	747158	675316.65	169	81.14	3149	4150.49	1101.72	5252.16
	2005-06	764823	714457.45	758662	706355.39	1067	521.93	0	0.00	0	0.00
	% variation over 2005-06	-1.20	-3.76	-1.52	-4.39	-84.16	-84.45	---	---	---	---
All Social Groups	2010-11	912650	815684.09	902774	802245.69	280	114.14	3836	4635.87	1337.79	5973.66
	2005-06	921554	847013.53	912601	836198.09	1793	743.83	0	0.00	0	0.00
	% variation over 2005-06	-0.98	-3.84	-1.08	-4.06	-84.38	-84.66	---	---	---	---

Social Groups	Year	Wholly Other wise Operated Holdings		Partly Owned & Partly Otherwise Operated Holdings				Partly Leased-In Partly Otherwise Operated Holdings			
		No.	Area	No.	Owend Area	Oth. Operated	Total Area	No.	Leased-In Area	Oth. Operated	Total Area
1	2	13	14	15	16	17	18	19	20	21	22
SC	2010-11	9	2.99	530	222.32	153.04	375.36	0	0.00	0	0.00
	2005-06	17	4.63	0	0.00	0	0.00	0	0.00	0	0.00
	% variation over 2005-06	-47.06	-35.42	---	---	---	---	---	---	---	---
ST	2010-11	66	23.17	0	0.00	0	0.00	0	0.00	0	0.00
	2005-06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
	% variation over 2005-06	---	---	---	---	---	---	---	---	---	---
Others	2010-11	121	88.96	4936	4057.49	2477.5	6534.99	0	0.00	0	0.00
	2005-06	112	291.84	0	0.00	0	0.00	0	0.00	0	0.00
	% variation over 2005-06	8.04	-69.52	---	---	---	---	---	---	---	---
All Social Groups	2010-11	196	115.12	5466	4279.81	2630.54	6910.35	0	0.00	0	0.00
	2005-06	129	296.47	0	0.00	0	0.00	0	0.00	0	0.00
	% variation over 2005-06	51.94	-61.17	---	---	---	---	---	---	---	---

Social Groups	Year	Partly Owend, Partly Leased-In Partly Otherwise Operated				
		No.	Owned Area	Leased-In Area	Oth. Operated	Total Area
1	2	23	24	25	26	27
SC	2010-11	7	4.03	1.49	2.18	7.70
	2005-06	1753	1075.73	316.48	79.80	1472.01
	% variation over 2005-06	-99.60	-99.63	-99.53	-97.27	-99.48
ST	2010-11	0	0.00	0	0.00	0.00
	2005-06	294	756.73	17.04	140.02	913.79
	% variation over 2005-06	-100.00	-100.00	-100.00	-100.00	-100.00
Others	2010-11	91	187.73	60.59	69.11	317.43
	2005-06	4982	5759.32	1268.30	360.67	7388.29
	% variation over 2005-06	-98.17	-96.74	-95.22	-80.84	-95.70
All Social Groups	2010-11	98	191.76	62.08	71.29	325.13
	2005-06	7031	7591.97	1602.68	580.49	9775.14
	% variation over 2005-06	-98.61	-97.47	-96.13	-87.72	-96.67

Comparison of estimated leased in area by terms of leasing for 2010-11 and 2005-06 for SC, ST and All Social Groups is given in the following table:

Table 2.2: Comparison of Estimated Leased-In Area by Terms of Leasing for 2010-11 and 2005-06

Category of Holdings	Year	Fixed Money	Fixed Produce	Share of Produce	Usufructry Mortgage	Other Terms	Total
1	2	3	4	5	6	7	8
SC	2010-11	202.04	35.11	3.69	1.32	23.37	265.53
	2005-06	249.75	2.15	0.00	1.98	62.60	316.48
	% Variation	-19.10	1533.02	3.69	-33.33	-62.67	-16.10
ST	2010-11	0.00	0.00	0.00	0.00	5.03	5.03
	2005-06	4.49	0.00	0.00	0.00	12.55	17.04
	% Variation	-100.00	---	---	---	-59.92	-70.48
Others	2010-11	450.50	257.34	141.60	17.46	376.55	1243.45
	2005-06	749.67	362.65	0.00	3.31	152.67	1268.30
	% Variation	-39.91	-29.04	---	427.49	146.64	-1.96
All Social Groups	2010-11	652.54	292.45	145.29	18.78	404.95	1514.01
	2005-06	1004.77	364.80	0.00	5.29	227.82	1602.68
	% Variation	-35.06	-19.83	---	255.01	77.75	-5.53

Comparison of estimated area by land use for 2010-11 and 2005-06 is given in the following table for SC, ST and All Social Groups:

Table 2.3: Comparison of Estimated Area By Land Use for 2010-11 and 2005-06

Area: ha.

S. No.	Size Class	Year	Total Holdings		Net Area Sown	Area Under Current Fallows	Net Area Cultivated
			No.	Area			
1	2	3	4	5	6	7	8
A	SC						
i	Marginal	2010-11	109296	39737.66	34895.83	2698.22	37594.05
		2005-06	106919	36552.05	31785.32	2430.90	34216.29
ii	Small	2010-11	12232	16738.19	14120.09	1577.79	15697.88
		2005-06	12548	17190.16	14399.82	1323.50	15723.32
iii	Semi Medium	2010-11	3381	8706.12	6918.46	1044.16	7962.62
		2005-06	4051	10488.51	8650.60	820.89	9471.49
iv	Medium	2010-11	435	2227.99	1763.65	176.55	1940.20
		2005-06	553	2952.40	2534.14	194.67	2728.81
v	Large	2010-11	7	123.54	80.62	0.00	80.62
		2005-06	14	311.58	275.33	12.35	287.68
vi	All Classes	2010-11	125351	67533.50	57778.65	5496.72	63275.37
		2005-06	124085	67494.70	57645.21	4782.38	62427.59
		% Variation	1.01	0.06	0.23	14.94	1.36

S. No.	Size Class	Year	Uncultivated Land Excluding Fallow Land	Fallow Other than Current Fallows	Culturable Waste Land	Total Uncultivated Land	Land not Available for Cultivation
i	Marginal	2010-11	247.27	726.12	313.11	1286.50	857.11
		2005-06	435.67	552.03	312.31	1300.01	1035.75
ii	Small	2010-11	147.23	367.80	253.09	768.12	272.19
		2005-06	353.21	553.95	150.07	1057.23	409.61
iii	Semi Medium	2010-11	42.27	386.07	119.53	547.87	195.63
		2005-06	207.08	450.49	82.42	739.99	277.03
iv	Medium	2010-11	39.65	46.18	95.11	180.94	106.85
		2005-06	55.12	91.37	29.81	176.30	47.29
v	Large	2010-11	0.03	0.00	40.77	40.80	2.12
		2005-06	3.20	2.80	5.35	11.35	12.55
vi	All Classes	2010-11	476.45	1526.17	821.61	2824.23	1433.90
		2005-06	1054.28	1650.64	579.96	3284.88	1782.23
		% Variation	-54.81	-7.54	41.67	-14.02	-19.54

S. No.	Size Class	Year	Total Holdings		Net Area Sown	Area Under Current Fallows	Net Area Cultivated
			No.	Area			
1	2	3	4	5	6	7	8
A	ST						
i	Marginal	2010-11	17102	6091.62	5427.00	395.62	5822.62
		2005-06	17368	6329.92	5735.59	228.46	5964.05
ii	Small	2010-11	4436	6431.07	5216.08	703.51	5919.59
		2005-06	4260	6107.15	5431.38	414.45	5845.83
iii	Semi Medium	2010-11	4596	13073.44	10651.06	1314.15	11965.21
		2005-06	4492	12852.90	11660.39	718.54	12378.93
iv	Medium	2010-11	3280	18982.18	16621.14	932.10	17553.24
		2005-06	3345	19593.32	18622.28	426.57	19048.85
v	Large	2010-11	259	3282.15	2782.09	150.48	2932.57
		2005-06	258	3316.01	3136.17	94.52	3230.69
vi	All Classes	2010-11	29673	47860.46	40697.37	3495.86	44193.23
		2005-06	29723	48199.30	44585.81	1882.54	46468.35
		% Variation	-0.17	-0.71	-8.72	85.70	-4.90

S. No.	Size Class	Year	Uncultivated Land Excluding Fallow Land	Fallow Other than Current Fallows	Culturable Waste Land	Total Uncultivated Land	Land not Available for Cultivation
i	Marginal	2010-11	7.82	81.95	126.62	216.39	52.61
		2005-06	12.64	170.02	26.74	209.40	156.47
ii	Small	2010-11	31.48	262.14	121.15	414.77	96.71
		2005-06	50.51	72.40	29.86	152.77	108.55
iii	Semi Medium	2010-11	101.95	559.31	227.80	889.06	219.17
		2005-06	48.30	210.25	40.19	298.74	175.23
iv	Medium	2010-11	132.47	609.67	416.54	1158.68	270.26
		2005-06	103.01	207.39	31.85	342.25	202.22
v	Large	2010-11	7.91	241.30	81.24	330.45	19.13
		2005-06	2.12	28.92	1.83	32.87	52.45
vi	All Classes	2010-11	281.63	1754.37	973.35	3009.35	657.88
		2005-06	216.58	688.98	130.47	1036.03	694.92
		% Variation	30.04	154.63	646.03	190.47	-5.33

S. No.	Size Class (in Ha.)	Year	Total Holdings		Net Area Sown	Area Under Current Fallows	Net Area Cultivated
			No.	Area			
1	2	3	4	5	6	7	8
C	All Social Groups						
i	Marginal	2010-11	672138	295556.45	261729.48	23330.07	282059.55
		2005-06	658214	260298.58	227984.20	16886.31	244870.51
ii	Small	2010-11	157330	225123.89	195280.50	17323.40	212603.90
		2005-06	162881	226411.09	191254.06	18058.31	209312.37
iii	Semi-Medium	2010-11	64781	175381.64	146605.12	14944.64	161549.76
		2005-06	77785	210368.42	174539.22	16762.10	191301.32
iv	Medium	2010-11	17302	94220.66	78634.82	6857.04	85491.86
		2005-06	21370	117161.16	100235.59	8153.43	108389.02
v	Large	2010-11	1099	25401.45	21217.30	912.39	22129.69
		2005-06	1304	32774.28	23419.98	3947.64	27367.62
vi	All Classes	2010-11	912650	815684.09	703467.22	60367.54	763834.76
		2005-06	921554	847013.53	717433.05	63807.79	781240.84
		% Variation	-0.97	-3.70	-1.95	-5.39	-2.23

S. No.	Size Class (in Ha.)	Year	Uncultivated Land Excluding Fallow Land	Fallow Other than Current Fallows	Culturable Waste Land	Total Uncultivated Land	Land not Available for Cultivation
1	2	3	9	10	11	12	13
C	All Social Groups						
i	Marginal	2010-11	1509.57	4069.71	2125.32	7704.60	5792.30
		2005-06	2394.45	3756.21	1780.76	7931.42	7496.65
ii	Small	2010-11	1942.88	3760.14	2069.30	7772.32	4747.67
		2005-06	3847.39	5934.96	2204.85	11987.20	5054.98
iii	Semi-Medium	2010-11	2192.78	5089.32	2012.73	9294.83	4537.05
		2005-06	4099.83	8057.59	2237.48	14394.90	4548.94
iv	Medium	2010-11	1424.98	3051.40	1516.31	5992.69	2736.11
		2005-06	1635.71	3795.51	1024.49	6455.71	2214.03
v	Large	2010-11	496.33	884.65	1236.87	2617.85	653.91
		2005-06	2139.13	862.70	283.31	3285.14	2121.52
vi	All Classes	2010-11	7566.54	16855.22	8960.53	33382.29	18467.04
		2005-06	14116.51	22406.97	7530.89	44054.37	21718.32
		% Variation	-46.40	-24.78	18.98	-24.22	-14.97

Comparison of wholly irrigated, wholly un-irrigated, partially irrigated holdings for SC, ST and All Social Groups for 2010-11 and 2005-06 is given in the following table:

Table 2.4: Comparison of Wholly Irrigated, Wholly Un-Irrigated and Partially Irrigated Holdings and Area of Holdings for 2010-11 and 2005-06

Area: ha.

S. No.	Size Class (in Ha.)	Year	Total Holdings		Wholly Irrigated Holdings		Wholly Un-irrigated Holdings	
			No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9
A	SC							
i	Marginal	2010-11	109296	39737.66	20891	6911.78	60554	19247.94
		2005-06	106919	36552.05	20467	6860.07	60840	17873.71
ii	Small	2010-11	12232	16738.19	3080	4018.47	5372	5909.53
		2005-06	12548	17190.16	3042	4026.39	6133	6769.95
iii	Semi-Medium	2010-11	3381	8706.12	1246	2933.74	1087	1929.58
		2005-06	4051	10488.51	1376	3332.68	1552	3053.00
iv	Medium	2010-11	435	2227.99	195	853.77	128	494.90
		2005-06	553	2952.40	235	1198.58	209	880.14
v	Large	2010-11	7	123.54	5	75.47	2	5.15
		2005-06	14	311.14	6	210.57	4	23.62
vi	All Classes	2010-11	125351	67533.50	25417	14793.23	67143	27587.10
		2005-06	124085	67494.70	25126	15628.29	68738	28600.42
		% Variation	1.01	0.06	1.16	-5.34	-2.32	-3.54

S. No.	Size Class (in Ha.)	Year	Partially Irrigated Holdings			Holdings Receiving Irrigation	
			No.	Total Area	Irrigated Area	No.	Net Irrigated Area
1	2	3	10	11	12	13	14
A	SC						
i	Marginal	2010-11	24746	8736.11	2611.22	45637	9523.00
		2005-06	21167	7051.54	2291.30	41634	9151.37
ii	Small	2010-11	3572	4192.09	927.20	6652	4945.67
		2005-06	3217	3603.48	968.95	6259	4995.34
iii	Semi-Medium	2010-11	1006	2055.14	354.39	2252	3288.13
		2005-06	1086	2264.92	467.96	2462	3800.64
iv	Medium	2010-11	112	414.98	154.40	307	1008.17
		2005-06	109	455.42	70.84	344	1269.42
v	Large	2010-11	0	0.00	0.00	5	75.47
		2005-06	4	41.14	7.50	10	218.07
vi	All Classes	2010-11	29436	15398.32	4047.21	54853	18840.44
		2005-06	25583	13416.50	3806.55	50709	19434.84
		% Variation	15.06	14.77	6.32	8.17	-3.06

S. No.	Size Class (in Ha.)	Year	Total Holdings		Wholly Irrigated Holdings		Wholly Un-irrigated Holdings	
			No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9
B	ST							
i	Marginal	2010-11	17102	6091.62	8302	3220.04	6677	1894.68
		2005-06	17368	6329.92	7667	2744.58	8306	2611.88
ii	Small	2010-11	4436	6431.07	2279	3069.25	1249	1160.80
		2005-06	4260	6107.15	1557	1802.25	747	946.84
iii	Semi-Medium	2010-11	4596	13073.44	2288	6219.92	984	1841.04
		2005-06	4492	12852.90	934	2119.42	1406	3442.04
iv	Medium	2010-11	3280	18982.18	2231	12616.71	291	1080.53
		2005-06	3345	19593.32	311	1414.06	809	4119.07
v	Large	2010-11	259	3282.15	171	1997.86	20	174.47
		2005-06	258	3316.01	12	103.27	55	699.30
vi	All Classes	2010-11	29673	47860.46	15271	27123.78	9221	6151.52
		2005-06	29723	48199.30	14179	26948.55	11120	8050.88
		% Variation	-0.17	-0.71	7.70	0.65	-17.08	-23.59

S. No.	Size Class (in Ha.)	Year	Partially Irrigated Holdings			Holdings Receiving Irrigation	
			No.	Total Area	Irrigated Area	No.	Net Irrigated Area
1	2	3	10	11	12	13	14
B	ST						
i	Marginal	2010-11	691	312.28	113.82	8993	3333.86
		2005-06	922	379.13	156.86	8589	2901.44
ii	Small	2010-11	888	986.03	291.58	3167	3360.83
		2005-06	747	946.84	290.73	2691	2973.02
iii	Semi-Medium	2010-11	1324	2590.10	701.31	3612	6921.23
		2005-06	1406	3442.04	773.39	3558	6872.32
iv	Medium	2010-11	758	2923.90	847.21	2989	13463.92
		2005-06	809	4119.07	1596.41	3034	14685.56
v	Large	2010-11	68	609.76	230.36	239	2228.22
		2005-06	55	699.30	302.90	246	2636.50
vi	All Classes	2010-11	3729	7422.07	2184.28	19000	29308.06
		2005-06	3939	9586.38	3120.29	18118	30068.84
		% Variation	-5.33	-22.58	-30.00	4.87	-2.53

S. No.	Size Class (in Ha.)	Year	Total Holdings		Wholly Irrigated Holdings		Wholly Un-irrigated Holdings	
			No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9
C	All Social Groups							
i	Marginal	2010-11	672138	295556.45	192893	78742.73	297678	117895.31
		2005-06	658214	260298.58	171249	64751.66	310063	106893.62
ii	Small	2010-11	157330	225123.89	46438	62178.63	63848	76886.88
		2005-06	162881	226411.09	44178	58241.83	71136	79463.44
iii	Semi-Medium	2010-11	64781	175381.64	28838	73144.35	18711	37170.59
		2005-06	77785	210368.42	30594	79983.27	26282	51181.18
iv	Medium	2010-11	17302	94220.66	10843	54667.98	2732	9252.64
		2005-06	21370	117161.16	11772	62892.76	4647	17377.33
v	Large	2010-11	1099	25401.45	747	16581.95	94	975.59
		2005-06	1304	32774.28	769	18378.38	222	2428.59
vi	All Classes	2010-11	912650	815684.09	279759	285315.64	383063	242181.01
		2005-06	921554	847013.53	258562	284247.90	412350	257344.16
		% Variation	-0.98	-3.84	8.20	0.38	-61.31	-3.25

S. No.	Size Class (in Ha.)	Year	Partially Irrigated Holdings			Holdings Receiving Irrigation	
			No.	Total Area	Irrigated Area	No.	Net Irrigated Area
1	2	3	10	11	12	13	14
C	All Social Groups						
i	Marginal	2010-11	149992	65091.44	18937.71	342885	97680.44
		2005-06	136183	56338.92	17376.73	307432	82128.39
ii	Small	2010-11	45803	56214.99	13190.46	92241	75369.09
		2005-06	45786	53548.79	13378.16	89964	71619.99
iii	Semi-Medium	2010-11	16767	36290.18	9448.08	45605	82592.43
		2005-06	20462	43374.77	9841.28	51056	89824.55
iv	Medium	2010-11	3698	14714.20	4975.24	14541	59643.22
		2005-06	4838	19965.50	6084.55	16610	68977.31
v	Large	2010-11	248	3659.76	2381.65	995	18963.60
		2005-06	256	2613.01	1084.65	1025	19463.03
vi	All Classes	2010-11	216508	175970.57	48933.14	496267	334248.78
		2005-06	207525	175840.99	47765.37	466087	332013.27
		% Variation	2.71	0.07	2.44	6.48	0.67

Comparison of Estimated Number and Area of Holdings Receiving Irrigation by different sources for 2010-11 and 2005-06 for SC, ST and Social Groups is given in the following table:

Table 2.5: Estimated Number Of Operational Holdings by Size Classes Receiving Irrigation and Area Irrigated By Different Sources.

Area: ha.

S. No.	Size Class (in Ha.)	Year	Total Holdings		Canal		Tanks		Wells	
			No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11
A	SC									
i	Marginal	2010-11	109296	39737.66	13770	2222.71	101	10.89	130	47.37
		2005-06	106919	36552.05	10152	1985.08	16	5.76	58	20.09
ii	Small	2010-11	12232	16738.19	1929	1137.79	35	7.12	8	15.20
		2005-06	12548	17190.16	1482	1058.66	0	0.00	15	18.47
iii	Semi-Medium	2010-11	3381	8706.12	576	696.79	8	11.00	7	6.81
		2005-06	4051	10488.51	535	674.50	22	37.46	2	4.08
iv	Medium	2010-11	435	227.99	110	333.66	0	0.00	0	0.00
		2005-06	553	2952.40	110	231.03	0	0.00	0	0.00
v	Large	2010-11	7	123	0	0.00	0	0.00	0	0.00
		2005-06	14	311.58	5	165.61	0	0.00	0	0.00
vi	All Classes	2010-11	125351	67533.05	16385	4390.96	144	29.01	145	69.38
		2005-06	124085	67494.70	12284	4114.88	38	43.22	75	42.64
		% Variation	1.02	0.06	33.38	6.71	0.00	-49.79	93.33	62.71

S. No.	Size Class (in Ha.)	Year	Tube wells		Other Sources		Exclusive No. of Holdings Receiving Irrigation	Net Irrigated Area
			No.	Area	No.	Area		
1	2	3	12	13	14	15	16	17
A	SC							
i	Marginal	2010-11	15207	5459.35	16646	1782.68	45637	9523.00
		2005-06	13373	5077.91	18265	2062.53	41634	9151.37
ii	Small	2010-11	2511	3285.29	2242	500.27	6652	4945.67
		2005-06	2102	2815.37	2720	1102.84	6259	4995.34
iii	Semi-Medium	2010-11	1021	2379.31	655	194.22	2252	3288.13
		2005-06	898	2198.62	1039	885.98	2462	3800.64
iv	Medium	2010-11	311	604.86	69	69.65	307	1008.17
		2005-06	183	944.82	60	93.57	344	1269.42
v	Large	2010-11	5	75.47	0	0.00	5	75.47
		2005-06	4	52.43	1	0.03	10	218.07
vi	All Classes	2010-11	18875	1184.28	19612	2546.82	54853	18840.44
		2005-06	16560	11089.15	22085	4144.95	50709	19434.84
		% Variation	13.98	6.45	-11.18	-38.58	8.17	-3.06

S. No.	Size Class (in Ha.)	Year	Total Holdings		Canal		Tanks		Wells	
			No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11
B	ST									
i	Marginal	2010-11	17102	6091.62	2572	813.07	7	1.77	25	5.58
		2005-06	17368	6329.92	2396	801.41	14	4.44	5	0.95
ii	Small	2010-11	4436	6431.07	1041	820.73	0	0.00	25	14.86
		2005-06	4260	6107.15	664	829.89	11	15.99	5	9.20
iii	Semi Medium	2010-11	4596	13073.44	1277	1622.09	0	0.00	10	10.73
		2005-06	4492	12852.90	731	1858.60	9	21.02	0	0.00
iv	Medium	2010-11	3280	18982.18	693	1650.20	0	0.00	8	33.93
		2005-06	3345	19593.32	707	3802.53	0	0.00	0	0.00
v	Large	2010-11	259	3282.15	44	128.41	0	0.00	0	0.00
		2005-06	258	3316.01	36	392.33	14	190.93	6	60.07
vi	All Classes	2010-11	29673	47860.46	5627	5034.50	7	1.77	68	65.10
		2005-06	29723	48199.30	4534	7684.76	48	232.38	16	70.22
		% Variation	-0.17	-0.70	24.11	-34.49	-85.42	-99.24	325.00	-7.29

S. No.	Size Class (in Ha.)	Year	Tube wells		Other Sources		Exclusive No. of Holdings Receiving Irrigation	Net Irrigated Area
			No.	Area	No.	Area		
1	2	3	12	13	14	15	16	17
B	ST							
i	Marginal	2010-11	5209	2093.75	1358	419.69	8993	3333.86
		2005-06	4835	1749.83	1368	344.81	8589	2901.44
ii	Small	2010-11	1724	2254.79	497	270.45	3167	3360.83
		2005-06	1262	1728.85	792	389.09	2691	2973.02
iii	Semi Medium	2010-11	1777	4592.37	718	696.04	3612	6921.23
		2005-06	1544	4248.40	1333	744.30	3558	6872.32
iv	Medium	2010-11	1980	10585.55	538	1194.24	2989	13463.92
		2005-06	1755	10235.75	615	647.28	3034	14685.56
v	Large	2010-11	178	1983.44	32	116.37	239	2228.22
		2005-06	161	1932.67	31	60.50	246	2632.50
vi	All Classes	2010-11	10868	21509.90	3143	2696.79	19000	29308.06
		2005-06	9557	19895.50	4139	2185.98	18118	30068.84
		% Variation	13.72	8.11	-24.06	23.37	4.87	-2.53

S. No.	Size Class (in Ha.)	Year	Total Holdings		Canal		Tanks		Wells	
			No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11
C All Social Groups										
i	Marginal	2010-11	672138	295556.45	111557	26443.27	275	68.07	2447	797.80
		2005-06	658214	260298.58	72401	19229.32	205	110.07	223	86.11
ii	Small	2010-11	157330	225123.89	24807	18213.97	102	34.59	1238	1359.60
		2005-06	162881	226411.09	18485	16178.77	101	144.78	77	110.28
iii	Semi Medium	2010-11	64781	175381.64	11509	18836.98	84	95.50	557	1401.83
		2005-06	77785	210368.42	10270	19227.17	117	274.74	69	178.83
iv	Medium	2010-11	17302	94220.66	3705	12129.09	5	27.70	245	1244.98
		2005-06	21370	117161.16	3822	15406.33	29	160.40	45	207.10
v	Large	2010-11	1099	25401.45	272	3342.89	0	0.00	40	2527.60
		2005-06	1304	32774.28	321	4119.16	14	190.93	10	109.90
vi	All Classes	2010-11	912650	815684.09	151850	78966.20	466	225.86	4527	7331.81
		2005-06	921554	847013.53	105299	74160.75	466	880.92	425	692.22
		% Variation	-0.97	-3.70	44.21	6.48	43.13	-76.77	965.18	959.17

S. No.	Size Class (in Ha.)	Year	Tube wells		Other Sources		Exclusive No. of Holdings Receiving Irrigation	Net Irrigated Area
			No.	Area	No.	Area		
1	2	3	12	13	14	15	16	17
C All Social Groups								
i	Marginal	2010-11	126889	57103.53	102668	13267.79	342885	97680.44
		2005-06	105188	44001.71	130461	18701.18	307432	82128.39
ii	Small	2010-11	35244	47258.33	31420	8502.60	92241	75369.09
		2005-06	31462	41265.52	40613	13920.64	89964	71619.99
iii	Semi Medium	2010-11	22748	57169.60	11222	5088.52	45605	82592.43
		2005-06	22802	59250.34	18499	10893.47	51056	89824.55
iv	Medium	2010-11	8943	43842.42	2033	2399.03	14541	59643.22
		2005-06	9089	47936.98	3964	5266.50	16610	68977.31
v	Large	2010-11	617	12761.63	92	331.48	995	18963.60
		2005-06	511	12921.13	193	2121.91	1025	19463.03
vi	All Classes	2010-11	194441	218135.51	147435	29589.42	496267	334248.78
		2005-06	169052	205375.68	193730	50903.70	466087	332013.27
		% Variation	15.02	6.21	-23.89	-41.83	6.48	0.67

Comparison of estimated number of wells and tube wells for SC, ST and All Social Groups for 2010-11 and 2005-06 is given in the following table:

Table 2.6: Comparison of Estimated Number of Wells and Tube wells By Size Classes for 2010-11 and 2005-06.

Area: ha.

S. No.	Size Class (in Ha.)	Year	Total Holdings		No. of Wells in Use				No. of Wells not in Use	No. of Tube wells			
			No.	Area	With Pump Sets			Without Pump sets		Elect-ri-cal	Diesel	Total	
					Elect-ri-cal	Diesel	Total						
1	2	3	4	5	6	7	8	9	10	11	12	13	
A SC													
i	Marginal	2010-11	109296	39737.66	22	13	35	0	0	0	70	140	210
		2005-06	106919	36552.05	544	116	660	0	0	0	9	130	139
ii	Small	2010-11	12232	16738.19	46	4	50	1	0	0	81	222	303
		2005-06	12548	17190.16	84	8	92	7	0	0	25	131	156
iii	Semi Medium	2010-11	3381	8706.12	113	0	113	0	0	0	100	178	278
		2005-06	4051	10488.51	3	4	7	6	0	0	20	43	63
iv	Medium	2010-11	435	2227.99	0	0	0	0	0	0	9	43	52
		2005-06	553	2952.40	7	1	8	0	0	0	0	9	9
v	Large	2010-11	7	123.54	0	0	0	0	0	0	0	0	0
		2005-06	14	311.58	0	0	0	0	0	0	0	0	0
vi	All Classes	2010-11	125351	67533.50	181	17	198	1	0	0	260	583	843
		2005-06	124085	67494.70	638	129	767	13	0	0	54	313	367
		% Variation	1.02	0.06	-71.63	-86.82	-74.19	-92.31	0	0	381.48	86.26	129.70
B ST													
i	Marginal	2010-11	17102	6091.62	21	9	30	0	0	0	48	76	124
		2005-06	17368	6329.92	0	14	14	0	0	0	0	54	54
ii	Small	2010-11	4436	6431.07	11	9	20	2	0	0	89	146	235
		2005-06	4260	6107.15	0	8	8	0	0	0	0	91	91
iii	Semi Medium	2010-11	4596	13073.44	12	44	56	18	0	0	96	349	445
		2005-06	4492	12852.90	53	32	85	0	0	0	10	89	99
iv	Medium	2010-11	3280	18982.18	22	53	75	35	4	4	46	383	429
		2005-06	3345	19593.32	25	37	62	0	0	0	35	56	91
v	Large	2010-11	259	3282.15	10	15	25	10	0	0	16	45	61
		2005-06	258	3316.01	4	4	8	0	0	0	4	10	14
vi	All Classes	2010-11	29673	47860.46	76	130	206	65	4	4	295	999	1294
		2005-06	29723	48199.30	82	95	177	0	0	0	49	300	349
		% Variation	-0.17	-0.70	-7.32	36.84	16.38	0	0	0	502.04	233.00	270.77
C All Social Groups													
i	Marginal	2010-11	672138	295556.45	670	309	979	44	49	49	1843	2528	4371
		2005-06	658214	260298.58	2962	1830	4792	417	19	19	316	2114	2430
ii	Small	2010-11	157330	225123.89	581	262	843	24	9	9	1771	3652	5423
		2005-06	162881	226411.09	613	975	1588	26	164	164	444	2548	2992
iii	Semi Medium	2010-11	64781	175381.64	730	738	1468	84	14	14	2329	4382	6711
		2005-06	77785	210368.42	728	608	1336	19	6	6	965	2232	3197
iv	Medium	2010-11	17302	94220.66	264	371	635	72	9	9	1025	1822	2847
		2005-06	21370	117161.16	560	619	1179	32	15	15	623	1073	1696
v	Large	2010-11	1099	25401.45	29	35	64	10	0	0	133	179	312
		2005-06	1304	32774.28	39	39	78	0	0	0	49	73	122
vi	All Classes	2010-11	912650	815684.09	2274	1715	3989	234	81	81	7101	12563	19664
		2005-06	921554	847013.53	4902	4071	8973	494	204	204	2397	8040	10437
		% Variation	-0.97	-3.70	-53.61	-57.87	-55.54	-52.63	-60.29	-60.29	196.25	56.26	88.41

Comparison of estimated gross irrigated, un-irrigated and total cropped area for SC, ST and All Social Groups for 2010-11 and 2005-06 is given in the following table:

Table 2.7: Comparison of Estimated Gross Irrigated, Un-irrigated and Total Area for 2010-11 and 2005-06

Area: ha.

S. No.	Size Class (in Ha.)	Year	Total Holdings		Gross Cropped Area		
			No.	Area	Irrigated	Unirrigated	Total
A	SC						
i	Marginal	2010-11	109296	39737.66	15786.40	41714.83	57501.23
		2005-06	106919	36552.05	14222.89	37500.07	51722.96
ii	Small	2010-11	12232	16738.19	8052.79	14572.59	22625.38
		2005-06	12548	17190.16	7715.64	15312.16	23027.80
iii	Semi Medium	2010-11	3381	8706.12	5383.81	5715.18	11098.99
		2005-06	4051	10488.51	5944.21	7543.39	13487.60
iv	Medium	2010-11	435	2227.99	1646.00	1081.72	2727.72
		2005-06	553	2952.40	2031.96	1909.25	3941.21
v	Large	2010-11	7	123.54	120.16	10.75	130.91
		2005-06	14	311.58	424.26	68.11	492.37
vi	All Classes	2010-11	125351	67533.50	30989.16	63095.07	94084.23
		2005-06	124085	67494.70	30338.96	62332.98	92671.94
		% Variation	1.01	0.06	2.14	1.22	1.52
B	ST						
i	Marginal	2010-11	17102	6091.62	6305.75	3283.80	9589.55
		2005-06	17368	6329.92	5294.60	4345.12	9639.72
ii	Small	2010-11	4436	6431.07	6449.02	2993.72	9442.74
		2005-06	4260	6107.15	5365.52	3908.67	9274.19
iii	Semi Medium	2010-11	4596	13073.44	13554.07	5940.30	19494.37
		2005-06	4492	12852.90	12635.86	7528.34	20164.20
iv	Medium	2010-11	3280	18982.18	26354.15	5412.07	31766.22
		2005-06	3345	19593.32	27421.58	6219.33	33640.91
v	Large	2010-11	259	3282.15	4347.69	1013.09	5360.78
		2005-06	258	3316.01	4845.64	707.64	5553.98
vi	All Classes	2010-11	29673	47860.46	57010.68	18642.98	75653.66
		2005-06	29723	48199.30	55563.20	22709.10	78272.30
		% Variation	-0.17	-0.71	2.61	-17.91	-3.35
C	All Social Groups						
i	Marginal	2010-11	672138	295556.45	163973.79	269594.51	433568.30
		2005-06	658214	260298.58	132065.39	241696.24	373761.63
ii	Small	2010-11	157330	225123.89	127300.27	188994.19	316294.46
		2005-06	162881	226411.09	114418.36	191188.57	305606.93
iii	Semi Medium	2010-11	64781	175381.64	143001.57	101342.12	244343.69
		2005-06	77785	210368.42	141607.19	134109.19	275716.38
iv	Medium	2010-11	17302	94220.66	105665.56	31565.74	137231.30
		2005-06	21370	117161.16	111698.11	49463.27	161161.38
v	Large	2010-11	1099	25401.45	29254.78	4751.52	34006.30
		2005-06	1304	32774.28	33057.56	5910.93	38968.49
vi	All Classes	2010-11	912650	815684.09	569195.97	596248.08	1165444.05
		2005-06	921554	847013.53	532846.61	622368.20	1155214.81
		% Variation	-0.98	-3.84	6.82	-4.20	0.89

Comparison of estimated area under different crops for SC, ST and All Social Groups for 2010-11 and 2005-06 is given in the following table:

Table 2.8: Estimated Area Under Different Crops by Social Groups for 2010-11 and 2005-06.

Area: ha.

S. No.	Crops	SC			ST			Total		
		2010-11	2005-06	Increase/Decrease %	2010-11	2005-06	Increase/Decrease %	2010-11	2005-06	Increase/Decrease %
1	Paddy Summer Paddy Khariff Paddy	---	19174	-5.32	---	26990	-5.37	---	277289	-4.96
2	Maize	3427	3841	12.08	3307	4059	22.74	29812	31118	4.38
3	Mandua (Ragi)	11015	11423	3.70	1394	2360	69.30	107963	114094	5.68
4	Wheat	29135	28571	-1.94	29237	29703	1.59	366992	367351	0.10
5	Barley	2403	2410	0.29	857	1125	31.27	23603	24755	4.88
6	Small Millets (Sawan)	5211	4792	-8.04	230	223	-3.04	60154	62047	3.15
7	Ramdana	355		-100.00	170		-100.00	4654		-100.00
8	Total Cereals	73767	72546	-1.66	64512	66423	2.96	905164	901863	-0.36
9	Gram	12	54	350.00	34	14	-58.82	494	678	37.25
10	Tur/Arhar	176	137	-22.16	166	161	-3.01	2008	1703	-15.19
11	Urad	812	683	-15.89	389	344	-11.57	8985	6858	-23.67
12	Moong	1	3	200.00	0	0	---	32	22	-31.25
13	Lentil (Masur)	1163	1095	-5.85	497	491	-1.21	9981	8926	-10.57
14	Horsegram	1030		-100.00	609		-100.00	9372		-100.00
15	Total Pulses	4568	3739	-18.15	2817	2463	-12.57	43348	34720	-19.90
16	Total Foodgrains	78335	76284	-2.62	67330	68886	2.31	948513	936583	-1.26
17	Sugarcane	6045	6617	9.46	1783	3467	94.45	101033	111145	10.01
18	Total Spices	1175	1038	-11.66	770	767	-0.39	9403	8792	-6.50
19	Total Fruits	611	1272	108.18	516	466	-9.69	11770	16389	39.24
20	Potato	1468	1971	34.26	949	1901	100.32	11683	14649	25.39
21	Total Vegetables	3856	3904	1.24	3034	3189	5.11	37759	31954	-15.37
22	Total Food Crops	90022	89154	-0.96	73433	76775	4.55	1108478	1105220	-0.29
23	Groundnut	214	85	-60.28	30	56	86.67	1855	958	-48.36
24	Sesamum (Til)	200	242	21.00	50	30	-40.00	1930	1692	-12.33
25	Rapeseed/ Mustard	807	406	-49.69	841	606	-27.94	11197	7217	-35.55
26	Linseed	2	59	2850.00	10	0	-100.00	14	276	1871.43
27	Total Oilseeds	2184	2066	-5.40	978	967	-1.12	24502	26679	8.88
28	Cotton	2	0	-100.00	0	1	---	19	7	-63.16
29	Total Fibers	2	0	-100.00	0	25	---	25	49	96.00
30	Total Drugs	1	2	100.00	3	9	200.00	10	94	840.00
31	Total Fodder	1843	1440	-21.87	1128	496	-56.03	31233	22213	-28.88
32	Total Non-Food Crops	4062	3518	-13.39	2221	1497	-32.60	56966	49994	-12.24
33	Total Food and Non-Food Crops	94084	92672	-1.50	75654	78272	3.46	1165444	1155215	-0.88

Comparison of Number and Area of Operational holdings by size classes and dispersal of operated area for SC, ST and All Social Groups for 2010-11 and 2005-06 is given in the following table:

Table 2.9: Estimated Number and Area of Operational Holdings by Size Classes and Dispersal of Operated Area

S. No.	Size Class (in Ha.)	Year	Total Holdings		Operational Holding Whose Operated Area is Located						Operational Holdings Whose Operators Reside Outside the Tehsil	
					Entirely in the Village of Residence		Partly in the Village of Residence & Partly in other Village(s) (Same Tehsil)		Entirely outside the Village of Residence but within the same Tehsil			
			No.	Area	No.	Area	No.	Area	No.	Area	No.	Area
1	2	3	4	5	6	7	8	9	10	11	12	13
A	SC											
i	Marginal	2010-11	109296	39737.66	106352	38368.32	1954	1031.89	973	332.03	17	5.42
		2005-06	106919	36552.05	104882	35563.07	1680	847.38	357	141.60	0	0.00
ii	Small	2010-11	12232	16738.19	11450	15666.92	731	1008.30	51	62.97	0	0.00
		2005-06	12548	17190.16	11720	16029.93	828	1160.23	0	0.00	0	0.00
iii	Semi Medium	2010-11	3381	8706.12	3010	7703.90	361	980.07	10	22.15	0	0.00
		2005-06	4051	10488.51	3644	9406.04	403	1066.96	4	15.51	0	0.00
iv	Medium	2010-11	435	2227.99	387	2010.25	48	217.74	0	0.00	0	0.00
		2005-06	553	2952.40	504	2738.08	49	214.32	0	0.00	0	0.00
v	Large	2010-11	7	123.54	4	84.02	3	39.52	0	0.00	0	0.00
		2005-06	14	311.58	14	311.58	0	0.00	0	0.00	0	0.00
vi	All Classes	2010-11	125351	67533.50	121203	63833.41	3097	3277.52	1034	417.15	17	5.42
		2005-06	124085	67494.70	120764	64048.70	2960	3288.89	361	157.11	0	0.00
		% Variation	1.01	0.06	0.36	-0.34	4.63	-0.35	186.43	165.51	100.00	100.00
B	ST											
i	Marginal	2010-11	17102	6091.62	16778	5905.04	315	185.60	5	0.17	4	0.81
		2005-06	17368	6329.92	17027	6137.73	237	136.75	104	55.44	0	0.00
ii	Small	2010-11	4436	6431.07	3870	5571.82	566	859.25	0	0.00	0	0.00
		2005-06	4260	6107.15	3720	5266.95	493	766.77	47	73.43	0	0.00
iii	Semi Medium	2010-11	4596	13073.44	3485	9959.90	1111	3113.54	0	0.00	0	0.00
		2005-06	4492	12852.90	3319	9457.55	1161	3367.08	12	28.27	0	0.00
iv	Medium	2010-11	3280	18982.18	2726	16010.58	554	2971.60	0	0.00	0	0.00
		2005-06	3345	19593.32	2651	15710.89	686	3829.93	8	52.50	0	0.00
v	Large	2010-11	259	3282.15	190	2304.63	69	977.52	0	0.00	0	0.00
		2005-06	258	3316.01	216	2738.67	42	577.34	0	0.00	0	0.00
vi	All Classes	2010-11	29673	47860.46	27049	39751.97	2615	8107.51	5	0.17	4	0.81
		2005-06	29723	48199.30	26933	39311.79	2619	8677.87	171	209.64	0	0.00
		% Variation	-0.17	-0.70	0.43	1.12	-0.15	-6.57	-97.08	-99.92	100.00	100.00
C	All Social Groups											
i	Marginal	2010-11	672138	295556.45	654380	286267.59	13420	7526.29	4301	1747.49	37	15.08
		2005-06	658214	260298.58	644478	253496.50	11040	5992.75	2626	783.07	70	26.26
ii	Small	2010-11	157330	225123.89	149036	213267.21	7763	11117.76	531	738.92	0	0.00
		2005-06	162881	226411.09	155404	215899.77	7125	10010.94	344	486.48	8	13.90
iii	Semi Medium	2010-11	64781	175381.64	60009	162236.75	4600	12686.19	172	458.70	0	0.00
		2005-06	77785	210368.42	73423	198382.62	4152	11403.03	200	554.51	10	27.96
iv	Medium	2010-11	17302	94220.66	15829	86405.74	1431	7609.07	40	197.95	2	7.90
		2005-06	21370	117161.16	20005	109773.68	1287	6971.44	70	371.06	8	44.98
v	Large	2010-11	1099	25401.45	991	23912.92	103	1438.00	5	50.53	0	0.00
		2005-06	1304	32774.28	1240	31929.53	64	844.75	0	0.00	0	0.00
vi	All Classes	2010-11	912650	815684.09	880245	772090.21	27317	40377.31	5049	3193.59	39	22.98
		2005-06	921554	847013.53	894550	809482.10	23668	35222.91	3240	2195.42	96	113.10
		% Variation	-0.97	-3.70	-1.60	-4.62	15.42	14.63	55.83	45.47	-59.38	-79.68

Chapter 3

Analysis of District-wise Agriculture Census Results

In this chapter data generated by Agriculture Census 2010-11 is presented district wise, division wise and hill & plain area wise for All Social Groups, Scheduled Castes and Scheduled Tribes holdings.

3.1 OPERATIONAL HOLDINGS

District wise distribution of number, area and average size of operational holdings for SC, ST and All Social Groups is given in the following table:

Table 3.1 (a): District wise Distribution of Number, Area and Average Size of Operational Holdings

Area and Average Size: ha.

S. No.	District	Number			Area			Average Size		
		SC	ST	Total	SC	ST	Total	SC	ST	Total
1	Chamoli	5337	2264	44915	2479.74	1217.88	34820.93	0.46	0.54	0.78
2	Dehradun (Hill)	3757	5974	10164	3660.41	14131.01	18239.84	0.97	2.37	1.79
	Dehradun (Plain)	2949	2037	52756	1493.18	1009.62	33911.48	0.51	0.50	0.64
	Dehradun	6706	8011	62920	5153.59	15140.63	52151.32	0.77	1.89	0.83
3	Hardwar	15583	389	130545	8359.87	220.09	120410.14	0.54	0.57	0.92
4	PauriGarhwal	10933	59	84429	6510.60	46.59	101395.34	0.60	0.79	1.20
5	Rudraparyag	2212	01	27093	1097.33	0.01	20510.80	0.50	0.01	0.76
6	TehriGarhwal	9224	0	86433	3738.95	0.00	67221.37	0.41	0.00	0.78
7	Uttarkashi	9472	187	39536	6150.43	56.17	34104.72	0.65	0.30	0.86
Garhwal Division		59467	10911	475871	33490.51	16681.37	430614.62	0.56	1.53	0.90
8	Almora	20510	7	109268	10888.13	9.55	83944.92	0.53	1.36	0.77
9	Bageshwar	9003	224	53869	3146.69	123.65	25102.89	0.35	0.55	0.47
10	Champawat	5108	44	36274	2968.63	69.68	30265.95	0.58	1.58	0.83
11	Nainital (Hill)	6991	0	29985	4038.56	0.00	27332.00	0.58	0.00	0.91
	Nainital (Plain)	1991	283	20678	2035.58	429.77	28562.39	1.02	1.52	1.38
	Nainital	8982	283	50663	6074.14	429.77	55894.39	0.68	1.52	1.10
12	Pithoragarh	16178	3690	79846	6325.27	2083.53	44017.53	0.39	0.56	0.55
13	Udhamsinghnagar	6103	14514	106859	4640.13	28462.91	145843.79	0.76	1.96	1.36
Kumaun Division		65884	18762	436779	34042.99	31179.09	385069.47	0.52	1.66	0.88
Uttarakhand (Hill)		98725	12450	601812	51004.74	17738.07	486956.29	0.52	1.42	0.81
Uttarakhand (Plain)		26626	17223	310838	16528.76	30122.39	328727.80	0.62	1.75	1.06
Uttarakhand		125351	29673	912650	67533.50	47860.46	815684.09	0.54	1.61	0.89

District wise percentage distribution of number, area and average size of operational holdings for SC, ST and All Social Groups is given in the following table:

Table 3.1 (b): District wise Percentage Distribution of Number and Area of Operational Holdings

S. No.	District	Number			Area		
		SC	ST	Total	SC	ST	Total
1	Chamoli	4.26	7.63	4.92	3.67	2.54	4.27
2	Dehradun (Hill)	3.00	20.13	1.11	5.42	29.53	2.24
	Dehradun (Plain)	2.35	6.86	5.78	2.21	2.11	4.16
	Dehradun	5.35	27.00	6.89	7.63	31.63	6.39
3	Hardwar	12.43	1.31	14.30	12.38	0.46	14.76
4	PauriGarhwal	8.72	0.20	9.25	9.64	0.10	12.43
5	Rudraparyag	1.76	0.00	2.97	1.62	0.00	2.51
6	TehriGarhwal	7.36	0.00	9.47	5.54	0.00	8.24
7	Uttarkashi	7.56	0.63	4.33	9.11	0.12	4.18
Garhwal Division		47.44	36.77	52.14	49.59	34.85	52.79
8	Almora	16.36	0.02	11.97	16.12	0.02	10.29
9	Bageshwar	7.18	0.75	5.90	4.66	0.26	3.08
10	Champawat	4.07	0.15	3.97	4.40	0.15	3.71
11	Nainital (Hill)	5.58	0.00	3.29	5.98	0.00	3.35
	Nainital (Plain)	1.59	0.95	2.27	8.99	0.90	3.50
	Nainital	7.17	0.95	5.55	8.99	0.90	6.85
12	Pithoragarh	12.91	12.44	8.75	9.37	4.35	5.40
13	Udhamsinghnagar	4.87	48.91	11.71	6.87	59.47	17.88
Kumaun Division		52.56	63.23	47.86	50.41	65.15	47.21
Uttarakhand (Hill)		78.76	41.96	65.94	75.53	37.06	59.70
Uttarakhand (Plain)		21.24	58.04	34.06	24.47	62.94	40.30
Uttarakhand		100.00	100.00	100.00	100.00	100.00	100.00

From Table 3.1, it can be seen that the largest number of holdings, 130545 (14.30 %) belongs to Hardwar, followed by Almora with 109268 (11.97%) holdings at second place. Similarly, Udhamsinghnagar at third place with 106859 (11.71%) holdings, TehriGarhwal at fourth place with 86433 (9.47%) holdings, at fifth place PauriGarhwal with 84429 (9.25%) holdings, at sixth place Pithoragarh with 79846 (8.75%) holdings, Dehradun at seventh place with 62920 (6.89%) holdings, Bageshwar at eighth place with 53869 (5.90%) holdings, Nainital at ninth place with 50663 (5.55%) holdings, Chamoli at tenth place with 44915 (4.92%) holdings, Uttarkashi at eleventh place with 39536 (4.33%) holdings, Champawat at twelfth place with 36274 (3.97%) holdings and Rudraparyag at last place with 27093 (2.97%) holdings.

The largest area of holdings 145843.79 ha. (17.88%) belongs to Udhamsinghnagar, followed by Hardwar with 120410.14 ha. (14.76%) at second place. Similarly, PauriGarhwal at third place with 101395.34 ha.(12.43%), Almora at fourth place with 83944.92 ha. (10.29%), TehriGarhwal at fifth place with 67221.37 ha. (8.24%), Nainital at sixth place with 55894.39 ha.(6.85%), Dehradun at seventh place with 52151.32 ha.(6.39), Pithoragarh at eighth place with 44017.53 ha.(5.40%), Chamoli at ninth place with 34820.93 ha.(4.27%), Uttarkashi at tenth place with 34104.72 ha.(4.18%), Champawat at eleventh place with 30265.95 ha.(3.71%), Bageshwar at twelfth place with 25102.89 ha. (3.08%) and Rudraparyag at last place with 20510.80 (2.51%) ha.

3.2 District wise Tenancy of Operational Holdings

The district wise distribution of number of operational holdings for all social groups in Uttarakhand by tenancy status in 2010-11 is given in the following Table:

Table 3.2 (a): District wise distribution of number of holdings for SC in Uttarakhand by Tenancy Status, 2010-11.

S. No.	District	Total Holdings	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings	Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings	Partly Leased-In & Partly Otherwise Operated Holdings	Partly Owned, Partly Leased-In and Partly Otherwise Operated
1	2	3	4		5	6			7
1	Chamoli	5337 (100.00)	5329 (99.85)	8 (0.15)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
2	Dehradun (Hill)	3757 (100.00)	3757 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	2949 (100.00)	2945 (99.86)	4 (0.14)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun	6706 (100.00)	6702 (99.94)	4 (0.06)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
3	Hardwar	15583 (100.00)	15557 (99.83)	0 (0.00)	26 (0.17)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	10933 (100.00)	10798 (98.77)	9 (0.08)	0 (0.00)	9 (0.08)	113 (1.03)	0 (0.00)	4 (0.04)
5	Rudraparyag	2212 (100.00)	2212 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	9224 (100.00)	9204 (99.78)	0 (0.00)	0 (0.00)	0 (0.00)	20 (0.22)	0 (0.00)	0 (0.00)
7	Uttarkashi	9472 (100.00)	8777 (92.66)	589 (6.22)	85 (0.90)	0 (0.00)	18 (0.19)	0 (0.00)	3 (0.03)
Garhwal Division		59467 (100.00)	58579 (98.51)	610 (1.03)	111 (0.19)	9 (0.01)	151 (0.25)	0 (0.00)	7 (0.01)
8	Almora	20510 (100.00)	20155 (98.27)	12 (0.06)	0 (0.00)	0 (0.00)	343 (1.67)	0 (0.00)	0 (0.00)
9	Bageshwar	9003 (100.00)	9003 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	5108 (100.00)	5108 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
11	Nainital (Hill)	6991 (100.00)	6979 (99.83)	0 (0.00)	0 (0.00)	0 (0.00)	12 (0.17)	0 (0.00)	0 (0.00)
	Nainital (Plain)	1991 (100.00)	1981 (99.50)	10 (0.50)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital	8982 (100.00)	8960 (99.76)	10 (0.11)	0 (0.00)	0 (0.00)	12 (0.13)	0 (0.00)	0 (0.00)
12	Pithoragarh	16178 (100.00)	16109 (99.57)	45 (0.28)	0 (0.00)	0 (0.00)	24 (0.15)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	6103 (100.00)	6101 (99.97)	2 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Kumaun Division		65884 (100.00)	65436 (99.32)	69 (0.10)	0 (0.00)	0 (0.00)	379 (0.58)	0 (0.00)	0 (0.00)
Uttarakhand (Hill)		98725 (100.00)	97431 (98.69)	663 (0.67)	85 (0.09)	9 (0.01)	530 (0.54)	0 (0.00)	7 (0.00)
Uttarakhand (Plain)		26626 (100.00)	26584 (99.84)	16 (0.06)	26 (0.10)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand		125351 (100.00)	124015 (98.93)	679 (0.54)	111 (0.09)	9 (0.01)	530 (0.42)	0 (0.00)	7 (0.01)

Table 3.2 (b): District wise distribution of number of holdings for ST in Uttarakhand by Tenancy Status, 2010-11.

S. No.	District	Total Holdings	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings	Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings	Partly Leased-In & Partly Otherwise Operated Holdings	Partly Owned, Partly Leased-In and Partly Otherwise Operated
1	2	3	4		5	6			7
1	Chamoli	2264 (100.00)	2264 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
2	Dehradun (Hill)	5974 (100.00)	5974 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	2037 (100.00)	2037 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun	8011 (100.00)	8011 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
3	Hardwar	389 (100.00)	389 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	59 (100.00)	59 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
5	Rudraparyag	1 (100.00)	1 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
7	Uttarkashi	187 (100.00)	187 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Garhwal Division		10911 (100.00)	10911 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
8	Almora	7 (100.00)	7 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
9	Bageshwar	224 (100.00)	224 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	44 (100.00)	44 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
11	Nainital (Hill)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital (Plain)	283 (100.00)	280 (98.94)	3 (1.06)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital	283 (100.00)	280 (98.94)	3 (1.06)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
12	Pithoragarh	3690 (100.00)	3690 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	14514 (100.00)	14443 (99.51)	5 (0.04)	0 (0.00)	66 (0.45)	0 (0.00)	0 (0.00)	0 (0.00)
Kumaun Division		18762 (100.00)	18754 (99.96)	8 (0.04)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand (Hill)		12450 (100.00)	12450 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand (Plain)		17223 (100.00)	17215 (99.95)	8 (0.05)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand		29673 (100.00)	29665 (99.97)	8 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)

Table 3.2 (c): District wise distribution of number of holdings for All Social Groups in Uttarakhand by Tenancy Status, 2010-11.

S. No.	District	Total Holdings	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings	Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings	Partly Leased-In & Partly Otherwise Operated Holdings	Partly Owned, Partly Leased-In and Partly Otherwise Operated
1	2	3	4	5	6	7	8	9	10
1	Chamoli	44915 (100.00)	44855 (99.87)	51 (0.11)	5 (0.01)	0 (0.00)	4 (0.01)	0 (0.00)	0 (0.00)
2	Dehradun (Hill)	10164 (100.00)	10164 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	52756 (100.00)	52734 (99.96)	18 (0.03)	0 (0.00)	0 (0.00)	4 (0.01)	0 (0.00)	0 (0.00)
	Dehradun	62920 (100.00)	62898 (99.97)	18 (0.02)	0 (0.00)	0 (0.00)	4 (0.01)	0 (0.00)	0 (0.00)
3	Hardwar	130545 (100.00)	130419 (99.90)	4 (0.01)	122 (0.09)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	84429 (100.00)	82452 (97.66)	251 (0.30)	0 (0.00)	9 (0.01)	1700 (2.01)	0 (0.00)	17 (0.02)
5	Rudraparyag	27093 (100.00)	27072 (99.92)	21 (0.08)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	86433 (100.00)	86149 (99.67)	4 (0.01)	0 (0.00)	0 (0.00)	280 (0.32)	0 (0.00)	0 (0.00)
7	Uttarkashi	39536 (100.00)	37272 (94.27)	2033 (5.14)	145 (0.37)	6 (0.02)	40 (0.10)	0 (0.00)	40 (0.10)
Garhwal Division		475871 (100.00)	471117 (99.00)	2382 (0.50)	272 (0.05)	15 (0.01)	2028 (0.43)	0 (0.00)	57 (0.01)
8	Almora	109268 (100.00)	105654 (96.69)	434 (0.40)	0 (0.00)	0 (0.00)	3169 (0.34)	0 (0.00)	11 (0.01)
9	Bageshwar	53869 (100.00)	53839 (99.94)	0 (0.00)	0 (0.00)	0 (0.00)	30 (0.06)	0 (0.00)	0 (0.00)
10	Champawat	36274 (100.00)	36274 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
11	Nainital (Hill)	29985 (100.00)	29957 (99.90)	11 (0.04)	0 (0.00)	0 (0.00)	17 (0.06)	0 (0.00)	0 (0.00)
	Nainital (Plain)	20678 (100.00)	20475 (99.02)	43 (0.21)	8 (0.04)	73 (0.35)	79 (0.38)	0 (0.00)	0 (0.00)
	Nainital	50663 (100.00)	50432 (99.54)	54 (0.11)	8 (0.02)	73 (0.14)	96 (0.19)	0 (0.00)	0 (0.00)
12	Pithoragarh	79846 (100.00)	79628 (99.73)	133 (0.17)	0 (0.00)	26 (0.03)	59 (0.07)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	106859 (100.00)	105830 (99.03)	833 (0.78)	0 (0.00)	82 (0.08)	84 (0.08)	0 (0.00)	30 (0.03)
Kumaun Division		436779 (100.00)	431657 (98.83)	1454 (0.33)	8 (0.001)	181 (0.04)	3438 (0.79)	0 (0.00)	41 (0.009)
Uttarakhand (Hill)		601812 (100.00)	593316 (98.59)	2938 (0.49)	150 (0.02)	41 (0.01)	5299 (0.88)	0 (0.00)	68 (0.01)
Uttarakhand (Plain)		310838 (100.00)	309458 (99.56)	898 (0.29)	130 (0.04)	155 (0.05)	167 (0.05)	0 (0.00)	30 (0.01)
Uttarakhand		912650 (100.00)	902774 (98.92)	3836 (0.42)	280 (0.03)	196 (0.02)	5466 (0.60)	0 (0.00)	98 (0.01)

The wholly owned and self-operated holdings had the highest share out of total number of holdings as compared to other types of classification of tenancy.

The district wise distribution of operated area for all social groups in Uttarakhand by tenancy status in 2005-06 is given in the following Table 3.3.

Table 3.2 (d): District wise distribution of operated area for SC by Tenancy Status, 2010-11.

Area: Ha.

S. No.	District	Total Holdings Area	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings		Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings		Partly Leased-In & Partly Otherwise Operated Holdings		Partly Owned, Partly Leased-In and Partly Otherwise Operated		
				Owned Area	Leased Area			Owned Area	Oth. Opr. Area	Leased-In Area	Oth. Opr. Area	Owned Area	Leased-In Area	Oth. Opr. Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Chamoli	2479.74 (100.00)	2470.29 (99.62)	8.90 (0.36)	0.55 (2.22)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
2	Dehradun (Hill)	3660.41 (100.00)	3660.41 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	1493.18 (100.00)	1487.40 (99.61)	5.39 (0.36)	0.39 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun	5153.59 (100.00)	5147.81 (99.89)	5.39 (0.10)	0.39 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
3	Hardwar	8359.87 (100.00)	8344.81 (99.82)	0 (0.00)	0 (0.00)	15.06 (0.18)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	6510.60 (100.00)	6430.61 (98.77.00)	0.20 (0.03)	1.28 (0.02)	0 (0.00)	2.99 (0.05)	28.82 (0.44)	42.35 (0.65)	0 (0.00)	0 (0.00)	0.46 (0.01)	0.85 (0.01)	2.04 (0.03)
5	Rudraparyag	1097.33 (100.00)	1097.33 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	3738.95 (100.00)	3780.01 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	1.15 (0.00)	4.79 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
7	Uttarkashi	6150.43 (100.00)	5538.41 (0.00)	405.65 (0.00)	165.71 (0.00)	17.94 (0.00)	0 (0.00)	13.79 (0.00)	4.58 (0.00)	0 (0.00)	0 (0.00)	3.57 (0.00)	0.64 (0.00)	0.14 (0.00)
Garhwal Division		35970.25 (100.00)	32809.27 (91.21)	420.14 (1.17)	167.93 (0.47)	33.00 (0.10)	2.99 (0.01)	43.76 (0.12)	51.72 (0.15)	0 (0.00)	0 (0.00)	4.03 (0.01)	1.49 (0.01)	2.18 (0.01)
8	Almora	10888.13 (100.00)	10618.22 (97.52)	8.91 (0.08)	6.14 (0.06)	0 (0.00)	0 (0.00)	661.34 (6.07)	93.52 (0.86)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
9	Bageshwar	3146.69 (100.00)	3146.69 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	2968.63 (100.00)	2968.63 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)

11	Nainital (Hill)	4038.56 (100.00)	4027.08 (99.72)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	10.35 (0.26)	1.13 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital (Plain)	2035.58 (100.00)	2010.69 (98.78)	3.39 (0.17)	21.50 (1.06)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital	6074.14 (100.00)	6037.77 (99.40)	3.39 (0.06)	21.50 (0.35)	0 (0.00)	0 (0.00)	10.35 (0.17)	1.13 (0.02)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
12	Pithoragarh	6325.27 (100.00)	6256.44 (98.90)	20.96 (0.33)	35.33 (0.56)	0 (0.00)	0 (0.00)	5.87 (0.10)	6.67 (0.11)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	4640.13 (100.00)	4628.53 (99.75)	11.46 (0.24)	0.14 (0.01)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Kumaun Division		34042.99 (100.00)	33656.28 (98.86)	44.72 (0.13)	63.11 (0.19)	0 (0.00)	2.99 (0.00)	677.56 (1.99)	101.32 (0.30)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand (Hill)		35970.25 (100.00)	49994.12 (98.02)	444.62 (0.87)	209.01 (0.41)	17.94 (0.04)	2.99 (0.01)	721.32 (1.41)	153.04 (0.30)	0 (0.00)	0 (0.00)	4.03 (0.01)	1.49 (0.00)	2.18 (0.00)
Uttarakhand (Plain)		20189.17 (100.00)	16471.43 (99.65)	20.24 (0.12)	22.03 (0.13)	15.06 (0.09)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand		70013.24 (100.00)	66465.55 (98.42)	464.86 (0.69)	231.04 (0.34)	33.00 (0.05)	2.99 (0.00)	721.32 (1.07)	153.04 (0.23)	0 (0.00)	0 (0.00)	4.03 (0.01)	1.49 (0.00)	2.18 (0.00)

Table 3.2 (e): District wise distribution of operated area for ST by Tenancy Status, 2010-11.

Area: Ha

S. No.	District	Total Holdings Area	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings		Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings		Partly Leased-In & Partly Otherwise Operated Holdings		Partly Owned, Partly Leased-In and Partly Otherwise Operated		
				Owned Area	Leased Area			Owned Area	Oth. Opr. Area	Leased-In Area	Oth. Opr. Area	Owned Area	Leased-In Area	Oth. Opr. Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Chamoli	1217.88 (100.00)	1217.88 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Hill)	14131.01 (100.00)	14131.01 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
2	Dehradun (Plain)	1009.62 (100.00)	1009.62 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun	15140.63 (100.00)	15140.63 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
3	Hardwar	220.09 (100.00)	220.09 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	46.59 (100.00)	46.59 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)

5	Rudraparyag	0.01 (100.00)	0.01 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
7	Uttarkashi	56.17 (100.00)	56.17 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Garhwal Division		16681.37 (100.00)	16681.37 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
8	Almora	9.55 (100.00)	9.55 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
9	Bageshwar	123.65 (100.00)	123.65 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	69.68 (100.00)	69.68 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
11	Nainital (Hill)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital (Plain)	429.77 (100.00)	421.73 (98.13)	7.61 (1.77)	0.43 (0.10)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital	429.77 (100.00)	421.73 (98.13)	7.61 (1.77)	0.43 (0.10)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
12	Pithoragarh	2083.53 (100.00)	2083.53 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	28462.91 (100.00)	28422.18 (99.86)	12.96 (0.05)	4.6 (0.02)	0 (0.00)	23.17 (0.08)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Kumaun Division		31179.09 (100.00)	31130.32 (99.84)	20.57 (0.07)	5.03 (0.02)	0 (0.00)	23.17 (0.07)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand (Hill)		17738.07 (100.00)	17738.07 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand (Plain)		30122.39 (100.00)	30073.62 (99.84)	20.57 (0.07)	5.03 (0.02)	0 (0.00)	23.17 (0.08)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
Uttarakhand		47860.46 (100.00)	47811.69 (99.90)	20.57 (0.04)	5.03 (0.01)	0 (0.00)	23.17 (0.05)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)

Table 3.2 (f): District wise distribution of operated area for All Social Groups by Tenancy Status, 2010-11.

Area: Ha.

S. No.	District	Total Holdings Area	Wholly Owned & Self Operated Holdings	Partly Owned & Partly Leased-In Holdings		Wholly Leased-In Holdings	Wholly Otherwise Operated Holdings	Partly Owned & Partly Otherwise Operated Holdings		Partly Leased-In & Partly Otherwise Operated Holdings		Partly Owned, Partly Leased-In and Partly Otherwise Operated		
				Owned Area	Leased Area			Owned Area	Oth. Opr. Area	Leased-In Area	Oth. Opr. Area	Owned Area	Leased-In Area	Oth. Opr. Area
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
1	Chamoli	34820.93 (100.00)	34743.82 (99.79)	39.81 (0.11)	6.99 (0.02)	8.03 (0.02)	0 (0.00)	12.95 (0.04)	9.33 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
2	Dehradun (Hill)	18239.84 (100.00)	18239.84 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	33911.48 (100.00)	33863.30 (99.86)	24.55 (0.07)	20.89 (0.05)	0 (0.00)	0 (0.00)	1.58 (0.01)	1.16 (0.01)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun	52151.32 (100.00)	52103.14 (99.91)	24.55 (0.05)	20.89 (0.04)	0 (0.00)	0 (0.00)	1.58 (0.01)	1.16 (0.01)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
3	Hardwar	120410.14 (100.00)	120342.94 (99.94)	1.16 (0.00)	1.33 (0.00)	64.71 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
4	PauriGarhwal	101395.34 (100.00)	98538.31 (97.18)	172.38 (0.17)	125.63 (0.12)	0 (0.00)	2.99 (0.01)	1178.41 (1.16)	1293.94 (1.28)	0 (0.00)	0 (0.00)	22.00 (0.02)	27.96 (0.03)	33.72 (0.03)
5	Rudraparyag	20510.80 (100.00)	20487.95 (99.89)	12.51 (0.06)	10.30 (0.05)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
6	TehriGarhwal	67221.37 (100.00)	66907.76 (99.53)	1.14 (0.01)	0.03 (0.00)	0 (0.00)	0 (0.00)	235.40 (0.35)	76.77 (0.11)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
7	Uttarkashi	34104.72 (100.00)	31082.35 (91.14)	2447.32 (7.18)	385.86 (1.13)	28.80 (0.04)	3.35 (0.01)	25.42 (0.07)	17.02 (0.05)	0 (0.00)	0 (0.00)	96.47 (0.28)	3.89 (0.01)	14.24 (0.04)
Garhwal Division		430614.62 (100.00)	424206.27 (98.51)	2698.87 (0.63)	551.03 (0.13)	101.54 (0.02)	6.34 (0.00)	1453.76 (0.34)	1398.22 (0.33)	0 (0.00)	0 (0.00)	118.47 (0.03)	31.85 (0.01)	47.96 (0.01)
8	Almora	83944.92 (100.00)	79720.74 (94.97)	395.11 (0.47)	312.86 (0.37)	0 (0.00)	0 (0.00)	2386.82 (2.84)	1119.20 (1.33)	0 (0.00)	0 (0.00)	6.61 (0.01)	6.93 (0.01)	20.19 (0.02)
9	Bageshwar	25102.89 (100.00)	25090.92 (99.95)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	5.01 (0.02)	6.96 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	30265.95 (100.00)	30265.95 (100.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)

11	Nainital (Hill)	27332.00 (100.00)	27284.41 (99.83)	22.63 (0.08)	8.18 (0.03)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital (Plain)	28562.39 (100.00)	28011.32 (98.07)	179.88 (0.63)	51.59 (0.18)	12.60 (0.04)	66.04 (0.23)	213.98 (0.75)	26.98 (0.09)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital	55894.39 (100.00)	55295.73 (98.93)	202.51 (0.36)	59.77 (0.11)	12.60 (0.02)	66.04 (0.12)	213.98 (0.38)	26.98 (0.05)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
12	Pithoragarh	44017.53 (100.00)	43693.37 (99.26)	102.16 (0.23)	136.38 (0.31)	0 (0.00)	15.20 (0.03)	43.69 (0.10)	26.73 (0.06)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
13	Udhamsinghnagar	104080.58 (100.00)	102261.79 (98.25)	1212.80 (1.17)	272.74 (0.26)	0 (0.00)	4.37 (0.00)	171.90 (0.17)	50.32 (0.05)	0 (0.00)	0 (0.00)	66.68 (0.06)	23.30 (0.02)	16.68 (0.02)
Kumaun Division		343306.26 (100.00)	336328.50 (97.97)	1912.58 (0.56)	781.75 (0.23)	12.60 (0.00)	85.61 (0.02)	2821.40 (0.82)	1230.19 (0.36)	0 (0.00)	0 (0.00)	73.29 (0.02)	30.23 (0.01)	36.87 (0.01)
Uttarakhand (Hill)		486956.29 (100.00)	476055.42 (97.76)	3193.06 (0.66)	986.23 (0.20)	36.83 (0.01)	21.54 (0.00)	3887.70 (0.80)	2549.95 (0.52)	0 (0.00)	0 (0.00)	125.08 (0.03)	38.78 (0.01)	68.15 (0.01)
Uttarakhand (Plain)		286964.59 (100.00)	284479.35 (99.13)	1418.39 (0.49)	346.55 (0.12)	77.31 (0.03)	70.41 (0.02)	387.46 (0.14)	78.46 (0.03)	0 (0.00)	0 (0.00)	66.68 (0.02)	23.30 (0.01)	16.68 (0.01)
Uttarakhand		773920.88 (100.00)	760534.77 (98.27)	4611.45 (0.60)	1332.78 (0.17)	114.14 (0.01)	91.95 (0.01)	4275.16 (0.55)	2628.41 (0.34)	0 (0.00)	0 (0.00)	191.76 (0.02)	62.08 (0.01)	84.83 (0.01)

The distribution of operated area in each district according to tenancy status followed more or less the similar pattern as in the case of number of operational holdings.

3.3 Terms of leasing

The district wise distribution of leased-in area by terms of leasing in Uttarakhand for all social groups in 2010-11 is given in Table 3.5 as follows:

Table 3.3: District wise distribution of leased-in area for All Social Groups by terms of leasing

							Area:ha.
S. No.	District	Fixed Money	Fixed Produce	Share of Produce	Usufructuary Mortgage	Other Terms	Total
1	2	3	4	5	6	7	8
1	Chamoli	15.02 (0.61)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	15.02 (0.61)
	Dehradun (Hill)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Dehradun (Plain)	20.89 (1.40)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	20.89 (1.40)
2	Dehradun	20.89 (0.41)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	20.89 (0.41)
3	Hardwar	66.04 (0.79)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	66.04 (0.79)
4	PauriGarhwal	115.80 (1.78)	0.79 (0.01)	0 (0.00)	0 (0.00)	37.00 (0.57)	153.59 (2.36)
5	Rudraparyag	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	10.30 (0.94)	10.30 (0.94)
6	TehriGarhwal	0.30 (0.01)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0.30 (0.01)
7	Uttarkashi	416.58 (6.77)	0 (0.00)	0 (0.00)	0 (0.00)	1.97 (0.03)	418.55 (6.81)
Garhwal Division		634.63 (1.76)	0.79 (0.00)	0 (0.00)	0 (0.00)	49.27 (0.14)	684.39 (1.90)
8	Almora	0 (0.00)	168.22 (1.54)	135.02 (1.24)	16.55 (0.15)	0 (0.00)	319.79 (2.94)
9	Bageshwar	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
10	Champawat	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
	Nainital (Hill)	17.91 (0.44)	0 (0.00)	0 (0.00)	0 (0.00)	54.46 (1.35)	72.37 (1.79)
	Nainital (Plain)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)	0 (0.00)
11	Nainital	17.91 (0.29)	0 (0.00)	0 (0.00)	0 (0.00)	54.46 (0.90)	72.37 (1.19)
12	Pithoragarh	0 (0.00)	123.44 (1.95)	10.27 (0.16)	1.32 (0.02)	1.35 (0.02)	136.38 (2.16)
13	Udhamsinghnagar	0 (0.00)	0 (0.00)	0 (0.00)	0.91 (0.02)	299.87 (6.46)	300.78 (6.48)
Kumaun Division		17.91 (0.05)	291.66 (0.86)	145.29 (0.43)	18.78 (0.06)	355.68 (1.04)	829.32 (2.44)
Uttarakhand (Hill)		565.61 (1.11)	292.45 (0.57)	145.29 (0.28)	17.87 (0.04)	105.08 (0.21)	1126.00 (2.21)
Uttarakhand (Plain)		86.93 (0.53)	0 (0.00)	0 (0.00)	0.91 (0.01)	299.87 (1.81)	387.71 (2.35)
Uttarakhand		652.54 (0.97)	292.45 (0.43)	145.29 (0.22)	18.78 (0.03)	404.95 (0.60)	1513.71 (2.24)

3.4 Land Utilization

The District wise area and percentage under main land use for SC, ST and all social groups in Uttarakhand for 2010-11 is given in the following Table 3.5:

Table 3.4 (a): District wise area and percentage under main land use for SC in Uttarakhand 2010-11.

Area: ha.

S. No.	District	Land not Available for Cultivation	%	Net Area Cultivated	%	Un-cultivated Land	%	Total
1	2	3	4	5	6	7	8	9
1	Chamoli	73.9	2.98	2298.82	92.70	107.02	4.32	2479.74
2	Dehradun (Hill)	68.44	1.87	3325.73	90.86	266.24	7.27	3660.41
	Dehradun (Plain)	12.56	0.84	1457.02	97.58	23.6	1.58	1493.18
	Dehradun	81	1.57	4782.75	92.80	289.84	5.62	5153.59
3	Hardwar	184.68	2.21	8071.26	96.55	103.93	1.24	8359.87
4	PauriGarhwal	77.24	1.19	5827.27	89.50	606.09	9.31	6510.6
5	Rudraparyag	22.1	2.01	1071.99	97.69	3.24	0.30	1097.33
6	TehriGarhwal	238.19	6.37	3382.3	90.46	118.46	3.17	3738.95
7	Uttarkashi	345.38	5.62	5485.46	89.19	319.59	5.20	6150.43
Garhwal Division		1103.49	2.86	35702.6	92.39	1838.01	4.76	38644.1
8	Almora	132.93	1.22	10455.93	96.03	299.27	2.75	10888.13
9	Bageshwar	0.05	0.00	3146.41	99.99	0.23	0.01	3146.69
10	Champawat	42.86	1.44	2671.58	89.99	254.19	8.56	2968.63
11	Nainital (Hill)	81.09	2.01	3774.31	93.46	183.16	4.54	4038.56
	Nainital (Plain)	31.16	1.53	1940.41	95.32	64.01	3.14	2035.58
	Nainital	112.25	1.85	5714.72	94.08	247.17	4.07	6074.14
12	Pithoragarh	66.85	1.06	5925.73	93.68	332.69	5.26	6325.27
13	Udhamsinghnagar	56.47	1.22	4441.15	95.71	142.51	3.07	4640.13
Kumaun Division		523.66	1.31	38070.24	94.90	1523.23	3.80	40117.13
Uttarakhand (Hill)		1194.43	2.35	47154.52	92.91	2404.66	4.74	50753.61
Uttarakhand (Plain)		284.87	1.72	15909.84	96.26	334.05	2.02	16528.76
Uttarakhand		1627.15	2.07	73772.84	93.67	3361.24	4.27	78761.23

Table 3.4 (b): District wise area and percentage under main land use for ST in Uttarakhand 2010-11.

Area: ha.

S. No.	District	Land not Available for Cultivation	%	Net Area Cultivated	%	Un-cultivated Land	%	Total
1	2	3	4	5	6	7	8	9
1	Chamoli	0.06	0.00	1213.09	99.61	4.73	0.39	1217.88
2	Dehradun (Hill)	230.52	1.63	12122.76	85.79	1777.73	12.58	14131.01
	Dehradun (Plain)	2.75	0.27	996.02	98.65	10.85	1.07	1009.62
	Dehradun	233.27	1.54	13118.78	86.65	1788.58	11.81	15140.63
3	Hardwar	4.02	1.83	215.84	98.07	0.23	0.10	220.09
4	PauriGarhwal	4.21	9.04	32.47	69.69	9.91	21.27	46.59
5	Rudraparyag	---	---	0.01	100	---	---	0.01
6	TehriGarhwal	---	---	---	---	---	---	---
7	Uttarkashi	4.68	8.33	40.97	72.94	10.52	18.73	56.17
Garhwal Division		246.24	1.48	14621.16	87.65	1813.97	10.87	16681.37

8	Almora	0.02	0.21	9.52	99.69	0.01	0.10	9.55
9	Bageshwar	0.9	0.73	119.46	96.61	3.29	2.66	123.65
10	Champawat	0.63	0.90	66.74	95.78	2.31	3.32	69.68
11	Nainital (Hill)	---	---	---	---	---	---	---
	Nainital (Plain)	0.28	0.07	393.73	91.61	35.76	8.32	429.77
	Nainital	0.28	0.07	393.73	91.61	35.76	8.32	429.77
12	Pithoragarh	2.36	0.11	1854.98	89.03	226.19	10.86	2083.53
13	Udhamsinghnagar	407.45	1.43	27127.64	95.31	927.82	3.26	28462.91
Kumaun Division		411.64	1.32	29572.07	94.85	1231.14	3.83	31179.09
Uttarakhand (Hill)		247.4	1.37	15460.00	87.16	2024.17	11.47	17738.07
Uttarakhand (Plain)		414.5	1.38	28733.23	95.39	974.66	3.24	30122.39
Uttarakhand		657.88	1.37	44193.23	92.34	3045.11	6.29	47860.46

Table 3.4 (c): District wise area and percentage under main land use for All Social Groups in Uttarakhand 2010-11.

Area: ha.

S. No.	District	Land not Available for Cultivation	%	Net Area Cultivated	%	Un-cultivated Land	%	Total
1	2	3	4	5	6	7	8	9
1	Chamoli	130.53	3.08	3798.93	89.69	305.72	7.22	4235.58
2	Dehradun (Hill)	407.71	2.24	15770.61	86.46	2061.52	11.30	18239.84
	Dehradun (Plain)	122.61	0.36	33652.05	99.23	136.82	0.40	33911.48
	Dehradun	530.32	1.02	49422.66	94.77	2198.34	4.22	52151.32
3	Hardwar	4383.16	3.64	114001.45	94.68	2025.53	1.68	120410.14
4	PauriGarhwal	1477.9	1.46	89905.81	88.67	10011.63	9.87	101395.34
5	Rudraparyag	390.1	1.90	20009.59	97.56	111.11	0.54	20510.8
6	TehriGarhwal	3444.68	5.12	60813.32	90.47	2963.37	4.41	67221.37
7	Uttarkashi	1577.66	4.63	30441.07	89.26	2085.99	6.12	34104.72
Garhwal Division		11934.35	2.64	368392.83	92.26	19701.69	4.93	400029.27
8	Almora	807.5	0.74	81340.5	96.9	1796.92	2.14	83944.92
9	Bageshwar	56.56	0.1	24950.56	99.39	95.77	0.38	25102.89
10	Champawat	604.88	1.67	28034.72	92.63	1626.35	5.37	30265.95
11	Nainital (Hill)	504.53	1.68	25920.8	94.84	906.67	3.32	27332
	Nainital (Plain)	984.41	4.76	26386.01	92.38	1191.97	4.17	28562.39
	Nainital	1488.94	2.94	52306.81	93.58	2098.64	3.75	55894.39
12	Pithoragarh	463.81	0.58	40967.41	93.07	2586.31	5.88	44017.53
13	Udhamsinghnagar	407.45	2.81	27127.64	95.31	927.82	3.26	28462.91
Kumaun Division		9865.86	1.35	421953.32	95.19	24551.36	5.38	456370.94
Uttarakhand (Hill)		5897.63	1.74	201167.15	92.59	4282.14	2.03	211346.92
Uttarakhand (Plain)		3829.14	2.57	254727.64	95.21	9131.81	3.41	267688.59
Uttarakhand		15763.49	2.02	623120.47	93.64	28833.5	4.32	667717.86

The net cultivated area is 93.64 percent of the operated area, which is 92.59 percent in the hills and 95.21 percent in the plains. Unutilized land is 4.72 percent, which is 5.26 percent in the hills and 3.52 percent in the plains. The remaining 2.02 percent land is not available for cultivation.

3.5 Source-wise Classification of Irrigated Holdings

The distribution in percentage, of number of holdings receiving irrigation and net irrigated area for all social groups in Uttarakhand in 2010-11 is given in the following tables:

Table 3.5 (a): District wise exclusive number of holdings receiving irrigation and area irrigated for SC in Uttarakhand 2010-11.

Area:ha.

S. No.	District	Total Holdings	Holdings receiving Irrigation		Total Operated Area	Net Irrigated Area	%
			Exclusive No.	%			
1	2	3	4	5	6	7	8
1	Chamoli	5337	708	13.27	2479.74	97.76	3.94
2	Dehradun (Hill)	3757	1097	29.20	3660.41	224.13	6.12
	Dehradun (Plain)	2949	1964	66.60	1493.18	772.55	51.74
	Dehradun	6706	3061	45.65	5153.59	996.68	19.34
3	Hardwar	15583	14025	90.00	8359.87	7580.26	90.67
4	PauriGarhwal	10933	2923	26.74	6510.60	321.22	4.93
5	Rudraparyag	2212	729	32.96	1097.33	116.16	10.59
6	TehriGarhwal	9224	5280	57.24	3738.95	502.16	13.43
7	Uttarkashi	9472	4894	51.67	6150.43	776.92	12.63
Garhwal Division		59467	31620	53.17	33490.51	10391.16	31.03
8	Almora	20510	4685	22.84	10888.13	584.45	5.37
9	Bageshwar	9003	5323	59.12	3146.69	630.60	20.04
10	Champawat	5108	677	13.25	2968.63	265.58	8.95
11	Nainital (Hill)	6991	991	14.18	4038.56	261.40	6.47
	Nainital (Plain)	1991	1977	99.30	2035.58	1856.60	91.21
	Nainital	8982	2968	33.04	6074.14	2118.00	34.87
12	Pithoragarh	16178	4168	25.76	6325.27	548.06	8.66
13	Udhamsinghnagar	6103	5412	88.68	4640.13	4302.59	92.73
Kumaun Division		65884	23233	35.26	34042.99	8449.28	24.82
Uttarakhand (Hill)		98725	31475	31.88	51004.74	4328.44	8.49
Uttarakhand (Plain)		26626	23378	87.80	16528.76	14512.00	87.80
Uttarakhand		125351	54853	43.76	67533.50	18840.44	27.90

Table 3.5 (b): District wise exclusive number of holdings receiving irrigation and area irrigated for ST in Uttarakhand 2010-11.

Area:ha.

S. No.	District	Total Holdings	Holdings receiving Irrigation		Total Operated Area	Net Irrigated Area	%
			Exclusive No.	%			
1	2	3	4	5	6	7	8
1	Chamoli	2264	40	1.77	1217.88	8.14	0.67
2	Dehradun (Hill)	5974	2986	49.98	14131.01	1088.30	7.70
	Dehradun (Plain)	2037	1666	81.79	1009.62	648.95	64.28
	Dehradun	8011	4652	58.07	15140.63	1737.25	11.47
3	Hardwar	389	318	81.75	220.09	202.28	91.91
4	PauriGarhwal	59	36	61.02	46.59	28.10	60.31

5	Rudraparyag	1	---	---	0.01	---	---
6	TehriGarhwal	---	---	---	---	---	---
7	Uttarkashi	187	92	49.20	56.17	4.72	8.40
Garhwal Division		10911	10911	5138	47.09	16681.37	1980.49
8	Almora	7	5	71.43	9.55	0.31	3.25
9	Bageshwar	224	101	45.09	123.65	12.16	9.83
10	Champawat	44	30	68.18	69.68	13.30	19.09
11	Nainital (Hill)	---	---	---	---	---	---
	Nainital (Plain)	283	283	100.00	429.77	385.38	89.67
	Nainital	283	283	100.00	429.77	385.38	89.67
12	Pithoragarh	3690	83	2.25	2083.53	21.80	1.05
13	Udhamsinghnagar	14514	13360	92.05	28462.91	27327.57	96.01
Kumaun Division		18762	18762	13862	73.88	31179.09	26894.62
Uttarakhand (Hill)		12450	12450	3373	27.09	17738.07	1176.83
Uttarakhand (Plain)		17223	17223	15627	90.73	30122.39	28131.23
Uttarakhand		29673	29673	19000	64.03	47860.46	29308.06

Table 3.5 (c): District wise exclusive number of holdings receiving irrigation and area irrigated for All Social Groups in Uttarakhand 2010-11.

Area:ha.

S. No.	District	Total Holdings	Holdings receiving Irrigation		Total Operated Area	Net Irrigated Area	%
			Exclusive No.	%			
1	2	3	4	5	6	7	8
1	Chamoli	44915	8146	18.14	34820.93	1543.48	4.43
	Dehradun (Hill)	10164	4174	41.07	18239.84	1383.52	7.59
	Dehradun (Plain)	52756	41556	78.77	33911.48	24552.00	72.40
2	Dehradun	62920	45730	72.68	52151.32	25935.52	49.73
3	Hardwar	130545	115479	88.46	120410.14	107408.09	89.20
4	PauriGarhwal	84429	31486	37.29	101395.34	6608.25	6.52
5	Rudraparyag	27093	10183	37.59	20510.80	2216.37	10.81
6	TehriGarhwal	86433	55015	63.65	67221.37	8016.35	11.93
7	Uttarkashi	39536	22485	56.87	34104.72	4366.85	12.80
Garhwal Division		475871	288524	60.63	430614.62	156094.91	36.25
8	Almora	109268	30100	27.55	83944.92	4788.46	5.70
9	Bageshwar	53869	30544	56.70	25102.89	4923.70	19.61
10	Champawat	36274	6696	18.46	30265.95	3370.31	11.14
	Nainital (Hill)	29985	5263	17.55	27332.00	1597.71	5.85
	Nainital (Plain)	20678	20472	99.00	28562.39	24604.37	86.14
11	Nainital	50663	25735	50.80	55894.39	26202.08	46.88
12	Pithoragarh	79846	18620	23.32	44017.53	3370.39	7.66
13	Udhamsinghnagar	106859	96048	89.88	145843.79	135498.93	92.91
Kumaun Division		436779	207743	47.56	385069.47	178153.87	46.27
Uttarakhand (Hill)		601812	222712	37.01	486956.29	42185.39	8.66
Uttarakhand (Plain)		310838	273555	88.01	328727.80	292063.39	88.85
Uttarakhand		912650	496267	54.38	815684.09	334248.78	40.98

3.6 Gross Cropped Area, Net Area Sown, Cropping and Irrigation Intensity

The district-wise gross cropped area, net area sown, cropping intensity and irrigation intensity for all Social Groups in Uttarakhand, in 2010-11, is given in the following Table:

Table 3.6 (a): District wise Cropping Intensity and Irrigation Intensity for SC in Uttarakhand, 2010-11.

Area: ha.

S. No.	District	Gross Cropped Area	Net Area Sown	Cropping Intensity %	Gross Irrigated Area	Net Irrigated Area	Irrigation Intensity %
1	2	3	4	5	6	7	8
1	Chamoli	3346.14	2240.50	149.35	189.35	97.76	193.69
2	Dehradun (Hill)	4048.79	2505.66	161.59	384.66	224.13	171.62
	Dehradun (Plain)	2332.61	1334.34	174.81	1231.50	772.55	159.41
	Dehradun	6381.40	3840.00	166.18	1616.16	996.68	162.15
3	Hardwar	11517.11	7784.73	147.94	10987.13	7580.26	144.94
4	PauriGarhwal	7313.17	4828.99	151.44	613.09	321.22	190.86
5	Rudraparyag	1713.97	1070.65	160.09	226.38	116.16	194.89
6	TehriGarhwal	4585.79	2926.79	156.68	946.78	502.16	188.54
7	Uttarkashi	7670.49	5061.04	151.56	1345.22	776.92	173.15
Garhwal Division		42528.07	27752.70	153.24	15924.11	10391.16	153.25
8	Almora	15843.94	10021.54	158.10	1110.15	584.45	189.95
9	Bageshwar	5365.78	3034.37	176.83	1241.24	630.60	196.83
10	Champawat	3622.81	2276.51	159.14	464.91	265.58	175.05
11	Nainital (Hill)	4766.39	2939.28	162.16	419.41	261.40	160.45
	Nainital (Plain)	3688.39	1904.50	193.67	3090.45	1856.60	166.46
	Nainital	8454.78	4843.78	174.55	3509.86	2118.00	165.72
12	Pithoragarh	10299.60	5523.24	186.48	890.11	548.06	162.41
13	Udhamsinghnagar	7969.25	4326.51	184.20	7848.78	4302.59	182.42
Kumaun Division		51556.16	30025.95	171.71	15065.05	8449.28	178.30
Uttarakhand (Hill)		68576.87	42428.57	161.63	7831.30	4328.44	180.93
Uttarakhand (Plain)		25507.36	15350.08	166.17	23157.86	14512.00	159.58
Uttarakhand		94084.23	57778.65	162.84	30989.16	18840.44	164.48

Table 3.6 (b): District wise Cropping Intensity and Irrigation Intensity for ST in Uttarakhand, 2010-11.

Area: ha.

S. No.	District	Gross Cropped Area	Net Area Sown	Cropping Intensity %	Gross Irrigated Area	Net Irrigated Area	Irrigation Intensity %
1	2	3	4	5	6	7	8
1	Chamoli	1081.54	893.43	121.05	16.19	8.14	198.89
2	Dehradun (Hill)	15103.63	9477.94	159.36	1900.49	1088.30	174.63
	Dehradun (Plain)	1606.26	844.01	190.31	1031.57	648.95	158.96
	Dehradun	16709.89	10321.95	161.89	2932.06	1737.25	168.78
3	Hardwar	312.16	202.78	153.94	307.44	202.28	151.99
4	PauriGarhwal	56.13	29.17	192.42	54.59	28.10	194.27
5	Rudraparyag	0.02	0.01	200.00	---	---	---
6	TehriGarhwal	---	---	---	---	---	---

7	Uttarkashi	49.75	38.67	128.65	8.93	4.72	189.19
Garhwal Division		18209.49	11486.01	158.54	3319.21	1980.49	167.60
8	Almora	12.64	9.52	132.77	0.53	0.31	170.97
9	Bageshwar	180.15	105.70	170.44	22.97	12.16	188.90
10	Champawat	92.04	56.91	161.73	21.62	13.30	162.56
11	Nainital (Hill)	---	---	---	---	---	---
	Nainital (Plain)	659.81	392.76	167.99	648.99	385.38	168.40
	Nainital	659.81	392.76	167.99	648.99	385.38	168.40
12	Pithoragarh	2460.70	1680.87	146.39	31.40	21.80	144.04
13	Udhamsinghnagar	54038.83	26965.60	200.40	52965.96	26894.62	196.94
Kumaun Division		57444.17	29211.36	196.65	53691.47	27327.57	196.47
Uttarakhand (Hill)		19036.60	12292.22	154.87	2056.72	1176.83	174.77
Uttarakhand (Plain)		56617.06	28405.15	199.32	54953.96	28131.23	195.35
Uttarakhand		75653.66	40697.37	185.89	57010.68	29308.06	194.52

Table 3.6 (c): District wise Cropping Intensity and Irrigation Intensity for All Social Groups in Uttarakhand, 2010-11.

Area: ha.

S. No.	District	Gross Cropped Area	Net Area Sown	Cropping Intensity %	Gross Irrigated Area	Net Irrigated Area	Irrigation Intensity %
1	2	3	4	5	6	7	8
1	Chamoli	47477.54	31070.80	152.80	2853.04	1543.48	184.84
	Dehradun (Hill)	19571.20	12223.78	160.11	2386.53	1383.52	172.50
	Dehradun (Plain)	53548.81	31446.09	170.29	38520.79	24552.00	156.89
2	Dehradun	73120.01	43669.87	167.44	40907.32	25935.52	157.73
3	Hardwar	165290.10	109608.33	150.80	159321.98	107408.09	148.33
4	PauriGarhwal	116829.63	76763.13	152.19	12377.23	6608.25	187.30
5	Rudraparyag	31494.38	19946.60	157.89	4322.05	2216.37	195.01
6	TehriGarhwal	78840.28	50379.33	156.49	15042.21	8016.35	187.64
7	Uttarkashi	41950.60	27664.72	151.64	197842.77	131960.09	149.93
Garhwal Division		555002.54	359102.78	154.55	242309.03	156094.91	155.23
8	Almora	123184.94	78949.67	156.03	8847.16	4788.46	184.76
9	Bageshwar	42116.64	23785.75	177.07	9546.09	4923.70	193.88
10	Champawat	35435.62	21464.36	165.09	5792.75	3370.31	171.88
	Nainital (Hill)	32442.15	20480.04	158.41	2471.92	1597.71	154.72
	Nainital (Plain)	47221.16	25552.68	184.80	38928.22	24604.37	158.22
11	Nainital	79663.31	46032.72	173.06	41400.14	26202.08	158.00
12	Pithoragarh	69585.47	38172.58	182.29	5614.39	3370.39	166.58
13	Udhamsinghnagar	260455.53	135959.36	191.57	255686.41	135498.93	188.70
Kumaun Division		610441.51	344364.44	177.27	326886.94	178153.87	183.49
Uttarakhand (Hill)		638928.45	400900.76	159.37	76738.57	42185.39	181.91
Uttarakhand (Plain)		526515.60	302566.46	174.02	492457.40	292063.39	168.61
Uttarakhand		1165444.05	703467.22	165.67	569195.97	334248.78	170.29

Cropping intensity of the plains and hills is almost same. Cropping intensity of the plains is low due to sugarcane crop as it occupies nearly one third of the cropped area in the plains.

3.7 District wise Area under Principal Crops

The district wise percent distribution of area under principal crops for SC, ST and all social groups in Uttarakhand in 2010-11 is given in the Table 3.8 (a), 3.8(b) and 3.8(c).

Table 3.7 (a): District wise Distribution of Percent of Area under Principal Crops (Food & Non-Food Crops) for SC in Uttarakhand, 2010-11

S. No.	District	Cereals	Pulses	Food grains	Sugar Crops	Spices & Condi-ments	Fruits	Vege-tables	Total Food crops
1	2	3	4	5	6	7	8	9	10
1	Chamoli	88.89	3.91	92.80	0.00	0.63	0.00	4.01	97.45
2	Dehradun (Hill)	65.67	12.93	78.60	0.00	4.28	0.86	14.35	98.09
	Dehradun (Plain)	87.91	2.08	89.99	3.19	0.50	0.44	0.85	94.96
	Dehradun	73.80	8.97	82.76	1.16	2.90	0.71	9.41	96.94
3	Hardwar	36.83	0.39	37.22	43.91	0.00	1.26	3.21	85.60
4	PauriGarhwal	89.39	6.93	96.32	0.00	1.17	0.00	1.20	98.69
5	Rudraparyag	95.30	1.71	97.01	0.00	0.48	0.00	1.22	98.71
6	TehriGarhwal	87.36	8.09	95.44	0.00	0.97	0.00	1.42	97.83
7	Uttarkashi	77.16	9.55	86.72	0.00	0.45	0.32	7.94	95.43
Garhwal Division		70.59	5.61	76.20	12.07	0.89	0.50	4.44	94.10
8	Almora	93.35	1.61	94.96	0.00	1.82	0.00	2.39	99.17
9	Bageshwar	93.69	4.34	98.03	0.00	0.45	0.00	1.05	99.53
10	Champawat	81.01	6.76	87.77	0.00	3.59	0.09	3.49	94.94
11	Nainital (Hill)	61.48	6.25	67.73	0.00	4.39	7.26	17.33	96.71
	Nainital (Plain)	77.03	2.65	79.68	2.77	0.10	0.53	3.92	87.01
	Nainital	68.27	4.68	72.94	1.21	2.52	4.32	11.48	92.48
12	Pithoragarh	82.06	10.09	92.16	0.00	1.17	0.00	3.97	97.30
13	Udhamsinghnagar	84.95	0.15	85.11	10.17	0.24	0.36	0.35	96.23
Kumaun Division		84.85	4.23	89.08	1.77	1.54	0.77	3.82	96.99
Uttarakhand (Hill)		84.38	6.36	90.74	0.00	1.66	0.60	4.80	97.80
Uttarakhand (Plain)		62.35	0.80	63.15	23.70	0.14	0.80	2.20	89.98
Uttarakhand		78.41	4.86	83.26	6.43	1.25	0.65	4.10	95.68

S. No.	District	Oilseeds	Fibers	Drugs & Narcotics	Fodder & Green Manures	Plant-ation Crops	Aromatic & Medicinal Plant	Total Non-Food Crops	All Crops
1	2	11	12	13	14	15	17	18	19
1	Chamoli	2.55	0.00	0.00	0.00	0.00	0.00	2.55	100.00
	Dehradun (Hill)	1.91	0.00	0.00	0.00	0.00	0.00	1.91	100.00
	Dehradun (Plain)	1.48	0.00	0.15	0.01	0.00	0.00	5.04	100.00
2	Dehradun	1.75	0.00	0.06	0.00	0.00	0.00	3.06	100.00
3	Hardwar	1.97	0.01	0.10	0.00	0.00	0.00	14.40	100.00
4	PauriGarhwal	1.28	0.00	0.00	0.00	0.00	0.00	1.31	100.00
5	Rudraparyag	1.29	0.00	0.00	0.00	0.00	0.00	1.29	100.00
6	TehriGarhwal	2.17	0.00	0.00	0.00	0.00	0.00	2.17	100.00
7	Uttarkashi	4.57	0.00	0.00	0.00	0.00	0.00	4.57	100.00
Garhwal Division		2.33	0.00	0.04	0.00	0.00	0.00	5.90	100.00
8	Almora	0.83	0.00	0.00	0.00	0.00	0.00	0.83	100.00

9	Bageshwar	0.41	0.00	0.00	0.05	0.00	0.00	0.47	100.00
10	Champawat	4.31	0.00	0.00	0.00	0.00	0.00	5.06	100.00
	Nainital (Hill)	3.25	0.00	0.00	0.00	0.00	0.00	3.29	100.00
	Nainital (Plain)	10.44	0.00	0.22	0.00	0.00	0.65	12.99	100.00
11	Nainital	6.39	0.00	0.10	0.00	0.00	0.00	7.52	100.00
12	Pithoragarh	2.68	0.00	0.00	0.00	0.00	0.00	2.70	100.00
13	Udhamsinghnagar	0.85	0.00	0.00	0.00	0.00	0.07	3.77	100.00
Kumaun Division		2.31	0.00	0.02	0.01	0.00	0.06	3.01	100.00
Uttarakhand (Hill)		2.14	0.00	0.00	0.00	0.00	0.00	2.20	100.00
Uttarakhand (Plain)		2.80	0.01	0.09	0.00	0.00	0.11	10.02	100.00
Uttarakhand		2.32	0.00	0.02	0.00	0.00	0.03	4.32	100.00

Table 3.7 (b): District wise Distribution of Percent of Area under Principal Crops (Food & Non-Food Crops)for ST in Uttarakhand, 2010-11

S. No.	District	Cereals	Pulses	Food grains	Sugar Crops	Spices & Condi-ments	Fruits	Vegetables	Total Food crops
1	2	3	4	5	6	7	8	9	10
1	Chamoli	64.42	8.72	73.14	0.00	0.13	0.00	26.58	99.84
2	Dehradun (Hill)	64.08	13.40	77.48	0.00	4.57	2.18	14.04	98.27
	Dehradun (Plain)	88.84	1.17	90.01	1.88	0.23	1.05	1.05	94.23
	Dehradun	66.46	12.22	78.68	0.18	4.16	2.07	12.79	97.88
3	Hardwar	61.16	0.00	61.16	32.36	0.00	0.04	1.01	94.58
4	PauriGarhwal	71.78	19.13	90.91	0.00	0.05	0.00	3.37	94.33
5	Rudraparyag	0.00	100.00	0.00	0.00	0.00	0.00	100.00	0.00
6	TehriGarhwal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Uttarkashi	49.91	27.54	77.45	0.00	0.26	0.00	20.60	98.31
Garhwal Division		66.22	11.87	78.09	0.72	3.82	1.90	13.40	97.93
8	Almora	93.83	1.82	95.65	0.00	1.11	0.00	0.16	96.91
9	Bageshwar	85.30	5.70	91.00	0.00	1.67	0.00	4.62	97.29
10	Champawat	78.12	5.60	83.71	0.00	1.26	0.00	8.28	93.25
11	Nainital (Hill)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Nainital (Plain)	80.52	0.41	80.92	10.71	0.08	4.58	1.16	97.46
	Nainital	80.52	0.41	80.92	10.71	0.08	4.58	1.16	97.46
12	Pithoragarh	68.00	15.63	83.63	0.00	2.81	0.00	10.37	96.82
13	Udhamsinghnagar	92.55	0.47	93.02	2.93	0.00	0.26	0.58	96.78
Kumaun Division		91.31	1.14	92.46	2.88	0.13	0.29	1.03	96.79
Uttarakhand (Hill)		64.88	13.36	78.23	0.00	4.02	1.73	14.14	98.13
Uttarakhand (Plain)		92.13	0.49	92.62	3.15	0.01	0.33	0.60	96.71
Uttarakhand		85.27	3.72	89.00	2.36	1.02	0.68	4.01	97.06

S. No.	District	Oilseeds	Fibers	Drugs & Narcotics	Fodder & Green Manures	Plant-ation Crops	Aromatic & Medicinal Plant	Total Non-Food Crops	All Crops
1	2	11	12	13	14	15	17	18	19
1	Chamoli	0.16	0.00	0.00	0.00	0.00	0.00	0.16	100.00
2	Dehradun (Hill)	1.71	0.00	0.00	0.00	0.00	0.00	1.73	100.00
	Dehradun (Plain)	1.82	0.00	0.01	0.00	0.00	0.00	5.77	100.00
	Dehradun	1.72	0.00	0.00	0.00	0.00	0.00	2.12	100.00

3	Hardwar	0.66	0.00	0.00	0.00	0.00	0.00	5.42	100.00
4	PauriGarhwal	0.00	0.00	0.00	0.00	0.00	0.00	5.67	100.00
5	Rudraparyag	0.00	0.00	0.00	0.00	0.00	0.00	100.00	100.00
6	TehriGarhwal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7	Uttarkashi	1.69	0.00	0.00	0.00	0.00	0.00	1.69	100.00
Garhwal Division		1.61	0.00	0.00	0.00	0.00	0.00	2.07	100.00
8	Almora	3.09	0.00	0.00	0.00	0.00	0.00	3.09	100.00
9	Bageshwar	2.71	0.00	0.00	0.00	0.00	0.00	2.71	100.00
10	Champawat	1.97	0.00	0.00	0.00	0.00	0.00	6.75	100.00
11	Nainital (Hill)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	Nainital (Plain)	0.90	0.00	0.00	0.00	0.00	0.00	2.54	100.00
	Nainital	0.90	0.00	0.00	0.00	0.00	0.00	2.54	100.00
12	Pithoragarh	3.16	0.00	0.00	0.00	0.00	0.00	3.18	100.00
13	Udhamsinghnagar	1.10	0.00	0.00	0.00	0.00	0.21	3.22	100.00
Kumaun Division		1.19	0.00	0.00	0.00	0.00	0.20	3.21	100.00
Uttarakhand (Hill)		1.82	0.00	0.00	0.00	0.00	0.00	1.87	100.00
Uttarakhand (Plain)		1.12	0.00	0.00	0.00	0.00	0.20	3.29	100.00
Uttarakhand		1.29	0.00	0.00	0.00	0.00	0.15	2.94	100.00

Table 3.7 (c): District wise Distribution of Percent of Area under Principal Crops (Food & Non-Food Crops) for All Social Groups in Uttarakhand, 2010-11

S. No.	District	Cereals	Pulses	Food grains	Sugar Crops	Spices & Condi-ments	Fruits	Vegetables	Total Food crops
1	2	3	4	5	6	7	8	9	10
1	Chamoli	88.63	3.87	92.50	0.00	0.59	0.00	4.65	97.74
2	Dehradun (Hill)	64.37	13.18	77.55	0.00	4.44	1.94	14.29	98.22
	Dehradun (Plain)	76.93	1.27	78.20	9.53	0.27	2.12	2.73	92.85
	Dehradun	73.57	4.46	78.03	6.98	1.39	2.07	5.83	94.29
3	Hardwar	38.22	0.28	38.50	43.90	0.00	1.80	2.42	86.62
4	PauriGarhwal	90.11	6.15	96.25	0.00	0.95	0.04	1.09	98.34
5	Rudraparyag	95.66	1.95	97.61	0.00	0.51	0.00	0.89	99.01
6	TehriGarhwal	86.62	8.58	95.20	0.00	0.80	0.01	1.69	97.70
7	Uttarkashi	75.78	10.18	85.96	0.00	0.39	0.41	9.02	95.78
Garhwal Division		65.66	9.82	69.94	14.02	0.58	0.89	8.66	88.40
8	Almora	93.28	2.06	95.34	0.01	1.86	0.00	2.11	99.32
9	Bageshwar	92.07	5.43	97.50	0.00	0.56	0.01	1.36	99.41
10	Champawat	82.19	5.87	88.06	0.00	3.00	0.15	3.43	94.64
11	Nainital (Hill)	58.45	6.82	65.27	0.00	4.72	10.14	17.06	96.31
	Nainital (Plain)	0.15	35.23	0.04	7.83	0.04	3.84	6.08	86.58
	Nainital	62.67	4.33	67.00	4.64	1.95	6.41	10.55	90.54
12	Pithoragarh	82.74	9.85	92.59	0.00	1.13	0.00	3.71	97.43
13	Udhamsinghnagar	84.60	0.67	85.27	7.55	0.04	0.73	2.01	95.60
Kumaun Division		78.59	5.63	81.48	3.83	0.99	1.16	3.38	96.11
Uttarakhand (Hill)		81.29	10.85	87.33	0.02	1.40	0.65	8.62	93.05
Uttarakhand (Plain)		61.68	3.71	62.22	19.19	0.05	1.48	2.58	91.69
Uttarakhand		72.43	7.63	75.99	8.68	0.79	1.03	5.89	92.44

S. No.	District	Oilseeds	Fibers	Drugs & Narcotics	Fodder & Green Manures	Plantation Crops	Aromatic & Medicinal Plant	Total Non-Food Crops	All Crops
1	2	11	12	13	14	15	17	18	19
1	Chamoli	2.25	0.00	0.00	0.00	0.00	0.00	2.26	100.00
	Dehradun (Hill)	1.74	0.00	0.00	0.00	0.00	0.00	1.78	100.00
	Dehradun (Plain)	1.30	0.00	0.16	0.66	0.00	0.00	7.15	100.00
2	Dehradun	1.42	0.04	0.11	0.49	0.00	0.00	5.71	100.00
3	Hardwar	1.40	0.00	0.09	0.00	0.00	0.00	13.38	100.00
4	PauriGarhwal	1.55	0.02	0.00	0.00	0.00	0.00	1.66	100.00
5	Rudraparyag	0.99	0.00	0.00	0.00	0.00	0.00	0.99	100.00
6	TehriGarhwal	2.30	0.00	0.00	0.00	0.00	0.00	2.30	100.00
7	Uttarkashi	4.22	0.08	0.00	0.00	0.00	0.00	4.22	100.00
	Garhwal Division	1.77	0.01	0.04	0.06	0.00	0.06	11.60	100.00
8	Almora	0.68	0.00	0.00	0.00	0.00	0.00	0.68	100.00
9	Bageshwar	0.49	0.00	0.00	0.08	0.00	0.00	0.59	100.00
10	Champawat	4.60	0.00	0.00	0.00	0.00	0.00	5.36	100.00
	Nainital (Hill)	3.59	0.00	0.00	0.00	0.00	0.00	3.69	100.00
	Nainital (Plain)	9.87	0.01	0.04	0.00	0.04	0.07	13.42	100.00
11	Nainital	7.31	0.01	0.02	0.00	0.02	0.04	9.46	100.00
12	Pithoragarh	2.54	0.00	0.00	0.00	0.00	0.00	2.57	100.00
13	Udhamsinghnagar	1.58	0.00	0.00	0.00	0.00	0.27	4.40	100.00
	Kumaun Division	2.36	0.00	0.00	0.01	0.00	0.12	3.89	100.00
	Uttarakhand (Hill)	1.94	0.01	0.00	0.01	0.00	0.05	6.95	100.00
	Uttarakhand (Plain)	2.24	0.00	0.05	0.07	0.00	0.14	8.31	100.00
	Uttarakhand	2.08	0.01	0.02	0.03	0.00	0.09	7.56	100.00

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The Summary of Findings of the Agriculture Census 2010-11

1. Wholly owned & self operated holdings and area operated decreased by 1.08 percent and 4.06 percent respectively in the current census as compared with that of agriculture census 2006-07.
2. Net area sown has decreased by 1.99 percent in the current census as compared with agriculture census 2006-07.
3. In the current census area under current fallows has decreased by 5.70 percent as compared with agriculture census 2006-07
4. In the current census exclusive number of holdings receiving irrigation has increased by 6.08 percent while the area irrigated has increased by 0.67 percent as compared with agriculture census 2006-07.
5. Gross irrigated area increased by 6.39 percent, gross un-irrigated area decrease by 4.38 percent and gross area increase by 0.88 percent in the current census as compared to agriculture census 2006-07.
6. 98.92 percent holdings are wholly owned & self operated holdings, 0.42 percent holdings are partly owned & partly leased-in, 0.03 percent holdings are wholly leased in holdings, 0.02 percent holdings are wholly otherwise operated, 0.60 percent holding are partly owned and partly otherwise operated and 0.01 percent holdings are partly owned, partly leased in and partly otherwise operated holdings.
7. 98.27 percent area of holdings is wholly owned & self operated, 0.77 percent area of holding partly owned & partly leased-in, 0.01 percent area of holdings is wholly leased in, 0.01 percent area of holdings is wholly otherwise operated.0.89 percent area of holding 0.60 percent holding are partly owned and partly otherwise operated and remaining 1.12 percent area of holdings is partly owned, partly leased in and partly otherwise operated.
8. Terms of leasing 0.97 percent area of holding is Fixed Money, 0.43 percent area of holding is fixed produce, 0.22 percent area of holding is share of produce, 0.03 percent area of holding is Usufructuary mortgage and 0.60 percent area of holding is other terms.
9. Net area cultivated is 93.64 percent, land not available for cultivation is 2.02 percent and uncultivated land is 4.72 percent.
10. 54.38 percent holdings are receiving irrigation and 40.98 percent of the operated area is irrigated.
11. Cropping intensity is 165.67 percent and irrigation intensity is 170.29 percent.
12. Out of total cropped area 72.43 percent area is under cereals, 7.63 percent area is under pulses, 8.68 percent area is under sugarcane, 0.79 percent area is under spices & condiments, 1.03 percent area is under fruits, 5.89 percent area is under vegetables, 2.08 percent area is under Oilseeds and 0.03 percent area is under fodder & green manures.

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