

Report No. 496(59/33/3)

Situation Assessment Survey of Farmers

Some Aspects of Farming

NSS 59th Round
(January–December 2003)



National Sample Survey Organisation
Ministry of Statistics and Programme Implementation
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Preface

India has a large agrarian economy with most of its rural population subsisting on farming. Over the decades since independence, Government has made concerted efforts to improve the lot of the farmers. As the country entered the new millennium, the Union Ministry of Agriculture desired that a comprehensive socio-economic study of the Indian farmers covering educational level, level of living, farming practices, possession of productive assets, awareness and access to modern technology, resource availability, indebtedness and a host of other relevant issues be studied through a special survey. Subsequently, the National Sample Survey Organisation (NSSO) took up the special study on Indian farmers and conducted the Situation Assessment Survey of Farmers during 2003 in the rural areas as part of the NSS 59th round.

Data for the survey were collected from 51770 households spread over 6638 villages from across the country in the Central Sample. A farmer for this survey was identified as a person who possessed some land and performed agricultural activities on any part of that land during the 365 days preceding the date of survey. A farmer household was termed as a household in which there was at least one farmer. Agricultural activities included cultivation of field and horticultural crops, growing of trees or plantations such as rubber, tea etc and animal husbandry, fishery, sericulture etc.

This report is the third in the series of five reports to be brought out on the basis of the data collected through the survey. It deals with farming practices; farmers' awareness of technical and institutional developments in the field of agriculture; availability of resources and their use; distribution of farmland and irrigated land by type of farming activity and energy use in activities such as ploughing, harvesting, threshing and irrigation.

Chapters One, Two and Three give respectively the introduction to the survey, details of the concepts and definitions used in the survey and the main findings of the survey. The detailed tables at the State/UT and All-India level are given in Appendix A, while the sample design and the estimation procedure are given in Appendix B. Facsimile of the schedule used for data collection is given in Appendix C.

All the technical work including development of sampling design, survey instruments and preparation of the report was undertaken by the Survey Design and Research Division of the NSSO. The fieldwork was handled by the Field Operations Division and the data processing and table generation by the Data Processing Division. The Coordination and Publication Division was responsible for the over-all coordination. The Chairman and Members of the Governing Council of NSSO along with the Chairman and Members of the Working Group set up for this round provided the technical directions and guidance at every stage of the survey. I am grateful to all of them. I am also thankful to the respondents who furnished information to the field staff. The report I hope will be useful to the planners, policy makers and researchers. Comments and suggestions are most welcome.

New Delhi
July 2005

Dr. S Ray
Director General & Chief Executive Officer
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Highlights

- An estimated 27% of farmers did not like farming because it was not profitable. In all, 40% felt that, given a choice, they would take up some other career.
- The break-up of members of farmer households by educational level was very similar to that of the entire rural population.
- Nearly 5% of farmer households had a member who belonged to a self-help group. Only 2% had a member who belonged to a registered farmers' organisation.
- About 18% of farmer households knew what bio-fertilisers were and 29% understood what minimum support price meant. Only 8% had heard of the World Trade Organisation.
- Only 4% of farmer households had ever insured their crops and 57% did not know that crops could be insured.
- About 29% of farmer households included a member of a cooperative society. Only 19% had availed themselves of services from a cooperative. Most of these households availed themselves of either credit facilities, or services related to seeds or fertilisers.
- Almost 48% of farmer households purchased their seeds and 47% used farm-saved seeds. Whereas 30% farmers replaced seed varieties every year, another 32% replaced them every alternate year.
- Fertilisers were used by 76% farmer households during the kharif and 54% during the rabi season. For 27% households, fertilisers were available within the village.
- Organic manure was used by 56% farmer households during the kharif and 38% during the rabi season. It was available within the village for 68% households during the kharif and 75% households during the rabi season.
- Improved seeds were used by 46% farmer households during the kharif and 34% during the rabi season. They were available within the village for 18% farmer households.
- Pesticides were used by 46% farmer households during kharif and 31% during rabi. Veterinary services were used by 30% during kharif and 22% during rabi. Only 1.5-2% of farmer households said facilities for testing of fertilisers or pesticides were available to them.
- Among the various agricultural activities covered in the survey, 96.2% of all land used for farming during the kharif and 95.1% during the rabi season was devoted to cultivation, including horticulture, sericulture and vermiculture. In case of leased-in land, 98.2% during the kharif and 97% during the rabi season was cultivated.
- The share of orchards and plantations in total farmed land was 3% during the kharif and 4% during the rabi season. In land farmed by Scheduled Caste households, the share of orchards and plantations was 1-2%.

- Farmer households possessing less than 0.01 hectares of land - who devoted only 14% of farmed land to cultivation - reported 69% of farmed land as used for dairying, compared to 0.35% for all farmer households taken together.
 - Almost 50% of all land irrigated during the kharif season and 60% during the rabi season was irrigated by tube-wells. Wells were used to irrigate 19% of land during kharif and 16% during rabi. Canals accounted for irrigation of 18% land during kharif and 14% during rabi.
 - An estimated 62% of net irrigated area during kharif and 69% during rabi was devoted to cultivation of cereal crops.
 - Gross irrigated area accounted for 42% of cropped area during the kharif and 56% during the rabi season.
 - About 79% of gross irrigated area during the kharif and 83% during the rabi season was irrigated without the use of any device. Around 5% was irrigated with the help of diesel pumps and 4% with electric pumps.
 - Of the farmer households using non-human energy for ploughing, about 47% used diesel tractors while 52% relied on animal power. Among those using non-human energy for harvesting, 59% used diesel-powered machines. Of those reporting non-human energy use for irrigation, 66% used diesel pumps and 33% used electric pumps.
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Chapter One

Introduction

1.0 With the turn of the century and the millennium, the Union Ministry of Agriculture decided that a comprehensive assessment of the situation of farmers in the country was necessary. The areas of interest included the educational level of farmer households, level of living as measured by consumer expenditure, income and productive assets, and indebtedness; their farming practices and preferences, resource availability, and their awareness of technological developments and access to modern technology. Accordingly, the Situation Assessment Survey of Farmers (SAS) was conducted in 2003 by the National Sample Survey Organisation (NSSO) in the Ministry of Statistics & Programme Implementation to meet these requirements.

1.1 The survey was restricted to farmer households in rural India and, like all normal NSS surveys, covered practically the entire geographical area of the country. In all 51770 households spread over 6638 villages (*panchayat* wards in Kerala) were surveyed (see Table A at page 2). The reference period of survey was the agricultural year July 2002 to June 2003. Two visits were made to each sample household so that data for both kharif and rabi seasons could be collected with a minimum of recall error.

1.2 A farmer was understood as a person who possessed some land and was engaged in agricultural activities on any part of that land during the 365 days preceding the date of survey. A farmer household was defined as one which had at least one farmer. Agricultural activity was taken to include cultivation of field and horticultural crops, growing of trees or plants such as rubber, cashew, coconut, pepper, coffee, tea, etc; animal husbandry, fishery, bee-keeping, vermiculture, sericulture, etc.

1.3 The present report is the third of a series of five reports to be brought out on the basis of the survey. The first two reports dealt with Indebtedness of Farmer Households; and Access to Modern Technology for Farming. The other two reports will be on: Household Consumption Expenditure for Farmers; and Income, Expenditure and Productive Assets of Farmer Households. The present report covers farming practices, farmers' awareness of technical and institutional developments in farming, resource availability and use, distribution of farmed area and irrigated area over different kinds of farming activity, and energy used by farmer households in various activities, with special reference to ploughing, threshing, harvesting and irrigation.

1.4 Detailed estimates at State level are presented in Appendix A of the report. The sample design and estimation procedure are explained at length in Appendix B. A facsimile of Schedule 33 - the main schedule of enquiry - is included as Appendix C. Concepts and definitions followed in the survey are set out in the next chapter and the results presented in brief in Chapter Three: Summary of Findings.

1.5 Since estimates based on very small samples may not be reliable, it was decided to release State-level estimates if the total number of sample farmer households for the State was at least 300. As a consequence, separate figures for the States of Delhi and Goa could not be brought out. From similar considerations figures for all the UT's have been clubbed and shown under the head "Group of UT's". It may be noted that data from all the States and UT's have been used in building up all-India estimates.

Table A shows, State/UT-wise, the number of villages allotted for survey and the numbers actually surveyed, and the number of sample farmer households in which Schedule 33 was canvassed, along with number of sample persons. It may be noted that 93 sample villages situated in disturbed areas – 77 in Jammu and Kashmir and 16 in Assam –

Table A: Number of villages allotted and surveyed, and number of households and persons surveyed

State/UT	no. of villages allotted	no. of villages surveyed		no. of households surveyed		no. of persons surveyed	
		Visit 1	Visit 2	Visit 1	Visit 2	Visit 1	Visit 2
Andhra Pradesh	432	432	432	3396	3325	15382	15108
Arunachal Pradesh	68	66	65	502	496	2580	2543
Assam	296	280	280	2187	2182	12211	12162
Bihar	504	504	504	3970	3959	24206	24107
Chhattisgarh	140	140	140	1087	1077	6124	6090
Goa	12	12	12	91	88	434	417
Gujarat	172	172	172	1330	1319	7565	7464
Haryana	120	120	120	928	923	5617	5567
Himachal Pradesh	148	148	148	1154	1134	6027	6019
Jammu & Kashmir	196	119	119	917	910	5787	5734
Jharkhand	180	180	180	1405	1398	7943	7917
Karnataka	256	256	256	2009	2002	11286	11268
Kerala*	300	300	300	2232	2185	10720	10535
Madhya Pradesh	312	312	310	2455	2416	14482	14242
Maharashtra	424	424	424	3312	3247	17794	17465
Manipur	124	124	124	986	986	5425	5410
Meghalaya	92	92	92	724	724	3779	3783
Mizoram	68	68	66	501	484	2592	2502
Nagaland	48	48	48	384	380	1828	1800
Orissa	244	244	244	1938	1930	10045	10002
Punjab	164	164	164	1279	1260	7467	7361
Rajasthan	336	336	336	2596	2554	15985	15715
Sikkim	72	72	72	552	518	3025	2826
Tamil Nadu	412	404	404	3189	3143	13870	13774
Tripura	128	128	128	1022	1022	4952	4886
Uttar Pradesh	852	852	851	6748	6607	42772	42133
Uttaranchal	56	56	56	412	400	2231	2159
West Bengal	504	504	504	3958	3941	21556	21384
A & N Islands	36	17	17	90	88	477	469
Chandigarh	8	8	8	52	47	309	281
Dadra & N. Haveli	16	16	16	128	128	714	713
Daman & Diu	8	8	8	55	55	317	316
Delhi	12	12	12	22	20	127	115
Lakshadweep	8	8	8	64	63	449	430
Pondicherry	12	12	12	95	94	425	428
All-India	6760	6638	6634	51770	51105	286503	283125

*Read “panchayat wards” for “villages” in case of Kerala (see Appendix B).

could not be surveyed. Apart from this, 29 villages – 8 in Tamil Nadu, 2 in Arunachal Pradesh and 19 in the Andaman & Nicobar Islands – became casualty as they could not be surveyed within the deadline set for the Visit 1. In Visit 2, four more villages became casualty. The difference in the number of sample households (as well as the number of sample persons) surveyed in Visit 2 from that of Visit 1 was mainly due to non-availability of some households because of change or shift of residence.

Chapter Two

Concepts and Definitions

2.0 Agricultural activity: This is understood to mean cultivation of field and horticultural crops, growing of trees/plants such as rubber, cashew, coconut, pepper, coffee, tea, etc; animal husbandry, fishery, bee-keeping, vermiculture, sericulture, etc.

2.1 Awareness of procurement agency: To investigate ‘awareness’ of procurement agency, a farmer household was asked whether it knew the agency which it would contact for selling his produce (for main crop(s) like foodgrains, oilseeds, jute, cotton, etc.), if the market price fell below the Minimum Support Price. For this purpose the name of the following procurement agencies were kept in mind by the data collection personnel. Besides, state government agencies in different states responsible for procurement were also considered.

Crop	Procurement Agency
foodgrains (e.g. rice, wheat etc.)	Food Corporation of India (FCI)
jute	Jute Corporation of India (JCI)
cotton	Cotton Corporation of India (CCI)
pulses and oilseeds	National Agricultural Co-operative Marketing Federation of India Ltd. (NAFED)

2.2 Awareness of World Trade Organisation (WTO): A farmer was considered to be ‘aware’ of the World Trade Organisation i.e. if he or she had ever heard the name of WTO or had some idea about its functions.

2.3 Bio-fertilisers: Bio-fertilisers are not soil nutrients by themselves, but act as catalysts or direct agents in making the plant nutrients available to the soil. Bio-fertilisers carry some bacteria living on an organic base. They are sold in small bags and require storage at specified temperatures. Some examples of bio-fertilisers are Rhizobium, Azotobactor, Phosphate Solubilizing Bacterial (PSB) etc.

2.4 Crop insurance: Nowadays, there are provisions like *Rashtriya Krishi Bima Yojna* for insuring one’s crop to get protection from natural disaster, attack by pests, etc. In the survey, farmers were asked whether they had ever had their crops insured at any time.

2.5 Crop season: See season.

2.6 Cultivation: This means activities relating to production of crops by tillage and all related ancillary activities. However, growing of trees/plants/crops (such as rubber, cashew, coconut, pepper, coffee, tea, etc.) as plantation or orchards is not considered under ‘cultivation’. It comes under ‘other agricultural activity’.

2.7 Farmer: For the purpose of this survey, a farmer was defined as a person who operated some land (owned or taken on lease or otherwise possessed) and was engaged in agricultural activities on that land during the last 365 days.

2.7.1 If any one of the requirements of the above definition was not satisfied, the person was not treated as a farmer. Thus, persons engaged in agricultural and/or allied activities but not

operating a piece of land were kept outside the purview of the survey. So were agricultural labourers, coastal fishermen, rural artisans and persons providing agricultural services.

2.8 Farmer household: A household having a farmer as its member was regarded as a farmer household.

2.9 Fertilisers: Fertilizers and organic manures are not the same. Fertilizer usually means chemical fertilizer, which is manufactured in factories. Some examples of fertilizers are: urea, DAP, MOP, CAN, 15-15-15, 20-20-20 etc. The main content of fertilizers are nitrogen, phosphate and potash. The chemical fertilizers containing micro-nutrients like sulphur, zinc or calcium are also considered under the fertilizer category. On the other hand, organic manure or farmyard manure (FYM) is produced by the farmers in their fields using dung or other organic materials or agricultural wastes. In urban areas, this is also prepared using the sewage silt. This is bulky and is like decomposed organic matter. These organic manures are generally carried in trolleys.

2.10 General educational level: Only courses successfully completed are considered in ascertaining the educational level of a person. For instance, the educational level of a person who has studied up to first year B.A. is considered as 'higher secondary'. The educational level of a person who has studied up to 12th standard but has not appeared for the final examination or has failed is considered as 'secondary' (code 06). Persons who have attained proficiency in Oriental languages (e.g. Sanskrit, Persian, etc.) through formal but not the general type of education are classified appropriately at the equivalent level of general education standard.

2.11 Household: A group of persons normally living together and taking food from a common kitchen constitutes a household. The word "normally" means that temporary visitors are excluded but temporary stay-aways are included. Thus, a son or daughter residing in a hostel for studies is excluded from the household of his/her parents, but a resident employee or resident domestic servant or paying guest (but not just a tenant in the house) is included in the employer/host's household. "Living together" is usually given more importance than "sharing food from a common kitchen" in drawing the boundaries of a household in case the two criteria are in conflict; however, in the special case of a person taking food with his family but sleeping elsewhere (say, in a shop or a different house) due to space shortage, the household formed by such a person's family members is taken to include the person also. Each inmate of a mess, hotel, boarding and lodging house, hostel, etc. is considered as a single-member household except that a family living in a hotel (say) is considered as one household only; the same applies to residential staff of such establishments.

2.12 Household size: The size of a household is the total number of persons in the household.

2.13 Lease of land: Land given to others on rent or free by owner of the land without surrendering the right of permanent heritable title is defined as land leased out. It is defined as land leased in if it is taken by a household on rent or free without any right of permanent or heritable possession. The lease contract may be written or oral.

2.13.1 Sometimes orchards and plantations are given to others for harvesting the produce for which the owner receives a payment in cash or kind. Such transactions are not treated as 'lease' for the purpose of the survey.

2.14 Literate: A person who can both read and write a simple message with understanding in at least one language.

2.15 Otherwise possessed land: This is understood to mean all public/institutional land possessed by the household without title of ownership or occupancy right. The possession is without the consent of the owner. Private land (i.e., land owned by the household sector) possessed by the household without title of ownership and occupancy right is *not* included in this category. All private land encroached upon by the household will be treated as leased-in land.

2.16 Ownership of land: A plot of land is considered to be owned by the household if the right of permanent heritable possession, with or without the right to transfer the title, is vested in a member or members of the household. Land held in owner-like possession under long-term lease or assignment is also considered as land owned. Thus, in determining the ownership of a plot of land two basic concepts are involved, namely:

(a) Land owned by the household, i.e., land on which the household has the right of permanent heritable possession with or without the right to transfer the title, e.g., Pattadars, Bhumidars, Jenmos, Bhumiswamis, Rayat Sithibans, etc. A plot of land may be leased out to others by the owner without losing the right of permanent heritable possession.

(b) Land held under special conditions such that the holder does not possess the title of ownership but the right for long term possession of the land (for example, land possessed under perpetual lease, hereditary tenure and long term lease for 30 years or more) is considered as being held under owner-like possession. In the States where land reform legislations have provided for full proprietorship to erstwhile tenants, they are considered as having owner-like possession, even if they have not paid the full compensation.

2.16.1 Sometimes a plot may be possessed by a tribal in accordance with traditional tribal rights from local chieftains or village/district council. Again, a plot may be occupied by a tenant for which the right of ownership vests in the community. In both the cases, the tribal or other individual (tenant) is taken as owner as the holder has owner-like possession of the land in question.

2.17 Primary source of energy: Here primary source refers to the source from which energy is usually available, i.e. most often available during the total time spent on the activity.

2.18 Principal source of income: This has been used as a classificatory variable in some tables of the report. The various sources from which the household received any income during the last 365 days prior to the date of survey were grouped under (i) cultivation, (ii) farming other than cultivation, (iii) other agricultural activity¹, and (iv) other sources. Other sources include wage/salaried employment, income from non-agricultural enterprises, pension, remittances, interest and dividends, but not begging, prostitution, etc., which were excluded. The group contributing the largest share of the household's income was taken to be its principal source of income.

2.19 Season: The crop seasons are generally identified by the months of harvesting of a crop during a normal year. For the purpose of the survey, Kharif season was taken to include both early Kharif (i.e. autumn) and late Kharif (i.e. winter). Similarly, the Rabi season included both Rabi and Zaid Rabi (i.e. summer). Generally, the harvesting months of the early Kharif and the late Kharif seasons extend over August to October and November to January, respectively. Again, the crops of Rabi and Zaid Rabi seasons are harvested during February to April and May to June, respectively. Thus, in general, the crops which are harvested during August to January

¹ This includes orchards and plantations (see paragraph 2.6).

were considered as crops of the Kharif season and those harvested during February to June were treated as crops of the Rabi season. However, there are departures from this general rule in case of some crops grown in certain regions. For example, rice in Tamil Nadu is harvested thrice and the three harvests are termed autumn, winter and summer crops. But the respective harvesting periods of the three crops are September to February, January to April and May to June. Though the periods of harvesting of first and second crops are spread over longer periods than those of the usual autumn and winter rice crops, the season for the autumn and winter paddy were taken as the Kharif season. Similarly, the autumn and the winter paddy in Karnataka, where these crops are harvested during September to December and November to March, were considered as Kharif crops. However, the crop seasons for the principal crops, given as part of the general guidelines issued for ascertaining the seasons of an agricultural operation in this survey, are listed below:

sl. no.	crop	season	sl. no.	crop	season
1.	Rice	Kharif, Rabi (summer)	9.	Sugarcane	Kharif
2.	Wheat	Rabi	10.	Sesamum	Kharif, Rabi
3.	Jowar	Kharif, Rabi	11.	Groundnut	Kharif
4.	Bajra	Kharif	12.	Linseed	Rabi
5.	Maize	Kharif	13.	Castor	Kharif
6.	Ragi	Kharif	14.	Cotton	Kharif
7.	Barley	Rabi	15.	Tobacco	Kharif
8.	Gram	Rabi	16.	Jute	Kharif

2.19.1 Since most of the principal crops are grown in only one season, there is little difficulty in ascertaining the crop season of a particular agricultural operation. Nevertheless, emphasis was laid on the need to exercise caution while determining the crop season of the crops grown in both Kharif and Rabi. In general, the crop season of such a crop should be determined on the basis of its months of harvesting. However, it has to be ensured that all the crops, whether principal or not, grown during the agricultural year 2002-03 are duly considered in either Kharif or Rabi season.

2.19.2 For land without crop, July to December 2002 was treated as Kharif season and January to June 2003 as Rabi season.

2.20 Self-help group: A Self-help Group (SHG) is a voluntary gathering of people who share a common problem, condition or history. By coming together, members share support and ideas on how to cope and live a more productive and fulfilling life. Membership is usually free, on-going and open to new members. These groups are formed at local level mostly by under-privileged persons with the intention of developing financial stability and money management capacity through internal loaning of their own savings. SHGs also play an important role in health care system. In case an SHG is registered as co-operative society, then it is treated as a cooperative society and not an SHG. Only SHGs involved in agricultural activities were considered in this survey.

2.21 Source of seeds: If the seed is normally used from the earlier produce of the household it was considered as 'farm-saved'. If the seed was procured in lieu of the crop produced by the household then the source was taken to be 'exchange'. However, the case of a household procuring potato seed (say) in exchange of paddy was not treated as 'exchange' but as 'purchase'. Free collection from others was also considered under 'purchase'.

Chapter Three

Summary of Findings

3.0.0 The findings of the survey are presented in five parts:

1. Knowledge, preferences and behaviour
2. Resource availability and use
3. Land use
4. Irrigation
5. Energy use in farming

3.0.1 The survey covered all States and Union Territories of India. State-level estimates for some important characteristics are, however, presented in this chapter only for the 18 (out of 29) States with the highest figures of rural population (and accounting for 96.8% of the country's population) according to the 2001 Census. In the detailed tables of Appendix A, estimates are given separately for all States except Delhi and Goa, and for the "Group of Union Territories" as a whole.

3.0.2 The percentages of rural households engaged in farming activity in different States as estimated from the survey data are shown below. The all-India percentage was 60. Coastal States such as Kerala (44%), Tamil Nadu (35%) and Andhra Pradesh (42%) had considerably lower percentages of farmer households than the all-India average. In Rajasthan, Uttar Pradesh, Jharkhand and Chhattisgarh, on the other hand, the proportion of farmer households was 76-77%. In Jammu & Kashmir, the percentage was highest (91%).

State	% of farmer hhs	State	% of farmer hhs
Andhra Pradesh	42	Madhya Pradesh	67
Assam	60	Maharashtra	56
Bihar	61	Orissa	64
Chhattisgarh	76	Punjab	62
Gujarat	60	Rajasthan	76
Haryana	62	Tamil Nadu	35
Jammu & Kashmir	91	Uttar Pradesh	77
Jharkhand	77	West Bengal	57
Karnataka	58		
Kerala	44	All-India	60

3.1 Knowledge, preferences and behaviour

3.1.0 Eight aspects of farming are studied in this section. They are:

- o Educational level of farmers
- o Awareness of important technical and institutional developments in agriculture
- o Farmers' liking for farming
- o Farmers' membership of registered farmers' organisations and self-help groups

- o Crop insurance
- o Services obtained from farmers' cooperatives
- o Usual source of seeds
- o Practice of seed replacement

Most questions put to households encounter some degree of non-response. In the detailed tables appearing in Appendix A, the proportion of non-responding households for each question is normally shown in a separate column. Percentages and proportions appearing in the discussion in this chapter have been re-worked from the detailed tables in Appendix A so that they represent proportions of households *responding* to the question, rather than proportions of all households.

3.1.1 Educational level

3.1.1.1 The per 1000 break-up of persons aged 7 or more who were engaged in farming in 2003 by ten levels of education is shown below for all-India. The break-up for all persons aged 7 or more in farmer households (households in which at least one person was engaged in farming) is also shown. For comparison, the break-up for the general rural population, as estimated from another NSS survey¹ carried out concurrently, is reproduced alongside.

		per 1000 number of persons (7+) with level of general education				
sex	category	not literate	literate without formal schooling	literate but below primary	primary	middle
	farmers	351	17	101	157	188
M	all members of farmer hhs	280	15	174	184	181
	rural population	289	15	172	185	175
	farmers	692	9	64	102	85
F	all members of farmer hhs	525	12	143	140	109
	rural population	518	13	137	143	111

		per 1000 number of persons (7+) with level of general education				
sex	category	secondary	higher secondary	diploma/certificate course	graduate	post-graduate and above
	farmers	100	48	4	26	7
M	all members of farmer hhs	89	44	5	22	6
	rural population	88	39	6	22	5
	farmers	32	11	1	3	0
F	all members of farmer hhs	44	18	1	7	1
	rural population	45	19	2	8	2

¹ See NSS Report No.490: Household Consumer Expenditure and Employment-Unemployment Situation in India, 2003.

3.1.1.2 The separate estimates for “farmers” and “all members” were made possible by asking each person in the surveyed farmer households whether he or she had been engaged in farming during the last 365 days.

3.1.1.3 It is seen that the break-up of persons by educational level of all members of farmer households matches that of the entire rural population very closely, both for males and for females. The break-ups for “farmers” – male and female – differ from the overall population break-ups. The rate of illiteracy among the farmers appears to be high. Still, it may be observed that the proportions of farmers, particularly the males, at different levels of education, were close to those for the general population.

3.1.1.4 The literacy situation in the major States is shown below. Details of inter-State variation in level of general education of farmers are available in Table 8 of Appendix A.

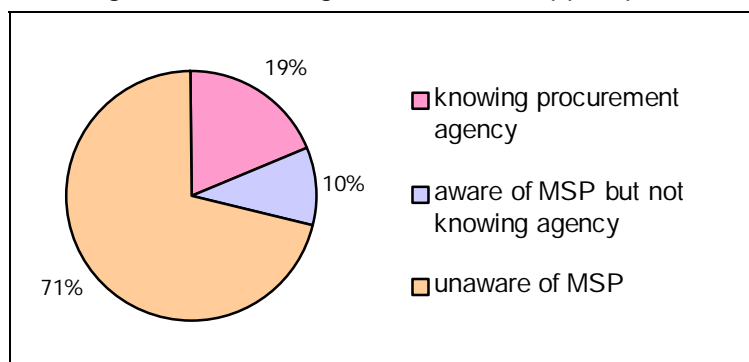
State	percentage of literates (7+)			
	farmers		all members	
	M	F	M	F
Andhra Pradesh	48	21	59	38
Assam	85	71	88	74
Bihar	62	16	68	39
Chhattisgarh	65	29	73	44
Gujarat	73	38	78	49
Haryana	74	31	79	52
Jammu & Kashmir	58	31	69	47
Jharkhand	60	18	68	34
Karnataka	65	34	72	51
Kerala	94	85	95	90
Madhya Pradesh	59	22	67	41
Maharashtra	74	46	80	58
Orissa	64	22	70	43
Punjab	64	48	72	59
Rajasthan	52	15	64	31
Tamil Nadu	71	43	78	58
Uttar Pradesh	60	19	68	39
West Bengal	73	44	79	61
All-India	65	31	72	47

3.1.2 Awareness of technical and institutional developments in agriculture

3.1.2.1 Bio-fertilisers: Asked whether they were aware of bio-fertilisers, an estimated 18% of farmer households said they were. Among the major States, awareness was markedly high in Kerala (55%) and Tamil Nadu (48%) (see table below for major States and Table 1 of Appendix A for the other States/ UTs).

3.1.2.2 Minimum support price (MSP): Of the farmers 19% not only understood the idea of minimum support price but also knew the agency (if not its name, its location) to which they could sell their crop if its market price fell below the minimum support price. Again, 10% of farmers were aware of the concept of minimum support price but not of the procurement agency. The remaining 71% did not know or understand the concept of MSP.

Figure 1: Knowledge of minimum support price



Figures are percentages of farmer households.

3.1.2.3 WTO: Only 8% of farmers at the all-India level had heard of the World Trade Organisation and had some idea of its objectives and activities. Among the major States, awareness was by far the highest in Kerala (44%), followed by Punjab (23%).

State	percentage of farmer households aware of			State	percentage of farmer households aware of		
	bio-fertilisers	MSP	WTO		bio-fertilisers	MSP	WTO
Andhra Pr.	11	29	6	Kerala	55	61	44
Assam	26	22	11	Madhya Pr.	10	29	3
Bihar	13	19	8	Maharashtra	24	28	6
Chhattisgarh	11	35	1	Orissa	15	12	2
Gujarat	11	25	6	Punjab	7	63	23
Haryana	9	62	12	Rajasthan	10	11	2
Jammu & Kashmir	28	27	7	Tamil Nadu	48	48	12
Jharkhand	23	12	11	Uttar Pradesh	15	33	5
Karnataka	22	29	7	West Bengal	22	30	12
				All-India	18	29	8

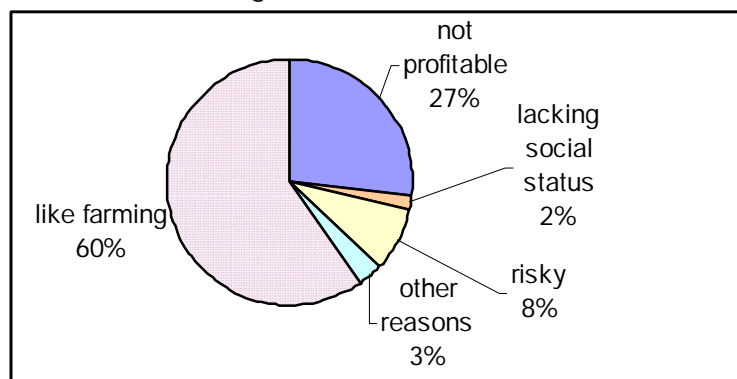
3.1.2.4 Table 1 of Appendix A gives details for all States and UTs.

3.1.3 Do farmers like farming?

3.1.3.1 At the all-India level, 60% of farmer households reported that they liked farming as a profession. The remaining 40% were of the opinion that, given a choice, they would take up some other career.

3.1.3.2 Those who did not like farming were asked the reason for their disaffection. At the all-India level, the 40% who disliked farming included 27% who did not find it profitable and 8% who thought it was too risky. Only 2% of all farmers disliked farming because of its lack of social status.

Figure 2: Percentage of farmers liking and disliking farming



3.1.3.3 There was a striking uniformity among the major States in the proportion of farmers liking farming. It varied between 49% and 69% in all major States except Andhra Pradesh, where it was 76%. The proportion disliking farming because of its unprofitability lay between 17% and 30% in all these States except Bihar and West Bengal, where it was 36%.

State	percentage of farmer households				State	percentage of farmer households			
	liking farming	not liking farming because				liking farming	not liking farming because		
		not profit-able	risky	of other reasons			not profit-able	risky	of other reasons
Andhra Pradesh	76	17	5	2	Kerala	67	28	2	3
Assam	59	21	13	7	Madhya Pradesh	60	22	11	7
Bihar	49	36	11	4	Maharashtra	61	29	7	3
Chhattisgarh	54	24	17	5	Orissa	53	34	9	4
Gujarat	67	26	5	2	Punjab	62	28	2	8
Haryana	61	30	5	4	Rajasthan	61	22	8	9
J & K	62	21	9	8	Tamil Nadu	69	25	4	2
Jharkhand	53	30	9	8	Uttar Pradesh	59	24	10	7
Karnataka	57	28	11	4	West Bengal	54	36	5	5
					All-India	60	27	8	5

3.1.3.4 Full details are given in Table 7 of Appendix A.

3.1.4 Membership of registered **farmers'** organisations and membership of self-help groups

3.1.4.1 Only 2.2% of farmer households in rural India had a person who was a member of a registered farmers' organisation. In 4.8% of farmer households, there was at least one person who was a member of a self-help group.

3.1.4.2 State/UT figures are presented in Table 6 of Appendix A. Membership of farmers' organisations was most prevalent in Kerala (11% farmer households), Assam (7%), Gujarat (6%) and Karnataka (5%). In all other States and UT's, the proportion was 4% or less.

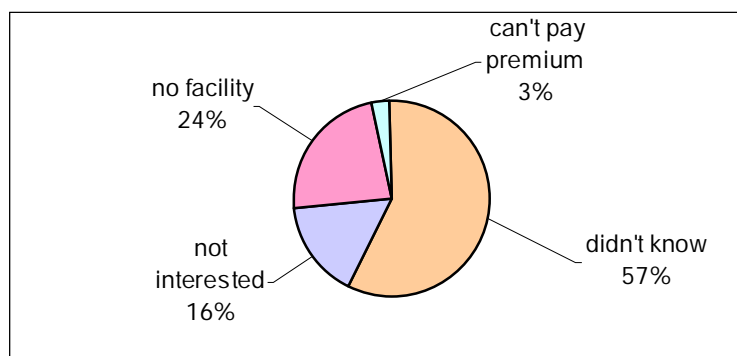
3.1.4.3 The three States where self-help groups were most common were Kerala (20% of farmer households having a person who was a member), Andhra Pradesh (18%) and Tamil Nadu (13%). In all other States and UTs, the percentage was less than 10.

State	percentage of farmer households with at least one person belonging to		State	percentage of farmer households with at least one person belonging to	
	a registered farmers' organisation	a self-help group		a registered farmers' organisation	a self-help group
Andhra Pradesh	2.4	17.7	Kerala	10.5	19.9
Assam	7.0	8.2	Madhya Pradesh	0.8	2.7
Bihar	0.3	0.8	Maharashtra	2.2	4.9
Chhattisgarh	2.4	6.5	Orissa	0.2	2.8
Gujarat	5.9	3.2	Punjab	0.3	1.5
Haryana	0.0	1.0	Rajasthan	0.4	0.6
Jammu & Kashmir	0.6	0.2	Tamil Nadu	3.4	12.9
Jharkhand	0.2	2.8	Uttar Pradesh	1.0	1.5
Karnataka	5.2	8.1	West Bengal	4.0	1.9
			All-India	2.2	4.8

3.1.5 Crop insurance

3.1.5.1 Farmers were asked whether they had ever had their crop insured at any time in the past and, if not, why not. Was it because they were not aware of crop insurance? If they were aware, was it that they were not interested? If they were interested, was it that the insurance facility was not available in their area? Or, was paying the insurance premium beyond their means?

Figure 3: Reason for never insuring crop



3.1.5.2 At the all-India level, only 4% of farmer households reported ever having insured their crops. Among those who had never insured their crops, a very large proportion – 57% - were found to be unaware of the practice of crop insurance. While 16% were found to be aware but not interested, 24% said that the facility was not available to them. Only 3% felt that they could not afford to pay the insurance premium. The State-level picture is shown in the table below for major States and in Table 2 of Appendix A for all States/UTs.

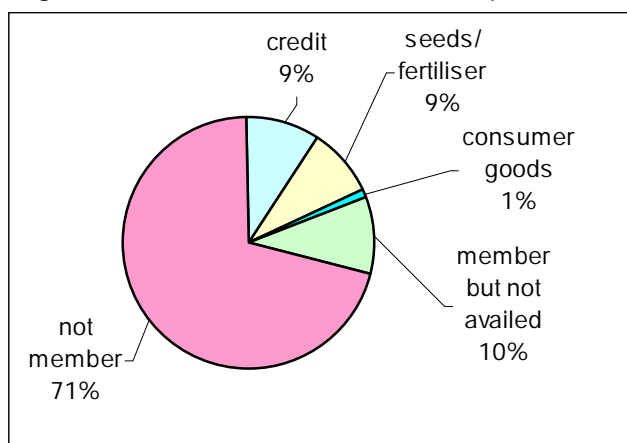
State	percentage of non-insuring farmer households not insuring because				State	percentage of non-insuring farmer households not insuring because			
	unaware	not interested	facility absent	can't pay premium		unaware	not interested	facility absent	can't pay premium
Andhra Pr.	75	10	12	3	Kerala	29	56	10	5
Assam	63	18	18	1	Madhya Pr.	61	24	10	5
Bihar	41	9	49	1	Maharashtra	63	25	7	5
Chhattisgarh	66	20	8	5	Orissa	76	8	9	7
Gujarat	47	30	16	7	Punjab	20	12	67	1
Haryana	41	14	42	3	Rajasthan	55	7	37	1
Jammu & Kashmir	25	3	72	1	Tamil Nadu	56	33	9	2
Jharkhand	68	7	24	1	Uttar Pradesh	56	13	29	2
Karnataka	54	25	13	8	West Bengal	64	12	23	1
					All-India	57	16	24	3

3.1.5.3 The States with 10% or more farmer households having ever insured their crops were: Gujarat (20%) and Maharashtra (11%) (See Table 2 of Appendix A). About 72% of the farmers of Jammu & Kashmir and 67% of the farmers of Punjab who had never insured their crops said the facility was not available. The same reason was given by 49% in Bihar, 42% in Haryana, 37% in Rajasthan and 29% in Uttar Pradesh.

3.1.6 Services of co-operatives

3.1.6.1 Data collected on the nature of services received by farmer households from cooperatives, with special reference to assistance in farming, are presented in Table 3 of Appendix A. Six kinds of services were of interest: credit, marketing services, services relating to seeds/fertiliser, agricultural implements, inputs and consumer goods. In case a household had received more than one kind of service, the most important service in value terms was considered.

Figure 4: Services received from cooperatives



3.1.6.2 At the all-India level it was found that 71% of households were not members of cooperatives at all. The remaining 29% included 10% who had not availed themselves of any of the six kinds of services, while a total of 19% had availed themselves of at least one. For 9% of households, the most important service (in terms of value) availed of was credit. For another 9%, it was seeds or fertilisers, while for 1%, it was consumer goods. Of the total sample of 51770 households, the numbers obtaining services relating to agricultural implements, marketing and farming inputs were (only) 118, 110 and 28 respectively. Some aspects of the picture at State level are highlighted below. The States with the highest proportions of households with members of cooperatives were Kerala (60%), Maharashtra (54%), Chhattisgarh (50%) and Gujarat (49%).

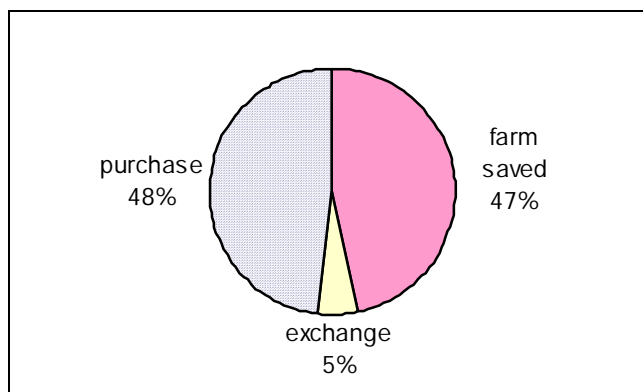
State	% of households		kind of service most commonly availed* (% of households)	State	% of households		kind of service most commonly availed* (% of households)
	not members of co-ops.	members but did not avail services			not members of co-ops.	members but did not avail services	
Andhra Pradesh	69	12	CR (17%)	Kerala	40	21	CR (27%)
Assam	83	5	CON (10%)	Madhya Pr.	57	14	SF (23%)
Bihar	93	5	CR (2%)	Maharashtra	46	18	CR (27%)
Chhattisgarh	50	9	SF (28%)	Orissa	78	7	CR (12%)
Gujarat	51	11	SF (22%)	Punjab	58	9	CR (20%)
Haryana	62	9	CR (17%)	Rajasthan	79	7	SF (7%)
J & K	75	2	SF (16%)	Tamil Nadu	57	15	CR (18%)
Jharkhand	98	2	-	Uttar Pradesh	80	7	SF (12%)
Karnataka	64	14	CR (13%)	West Bengal	79	10	CR (9%)
				All-India	71	10	CR & SF (9%)

*Credit: CR; Seeds/Fertiliser: SF; Consumer goods: CON

3.1.7 Seeds: Usual source of procurement

3.1.7.1 As for their usual way of procuring seeds, 47% of farmers, at the all-India level, were estimated to depend on farm-saved seeds. About 48% usually purchased their seeds, and 5% acquired them through exchange, that is, in lieu of the crop produced by the household. Note that free collection from others was also considered under ‘purchase’.

Figure 5: Usual source of seeds



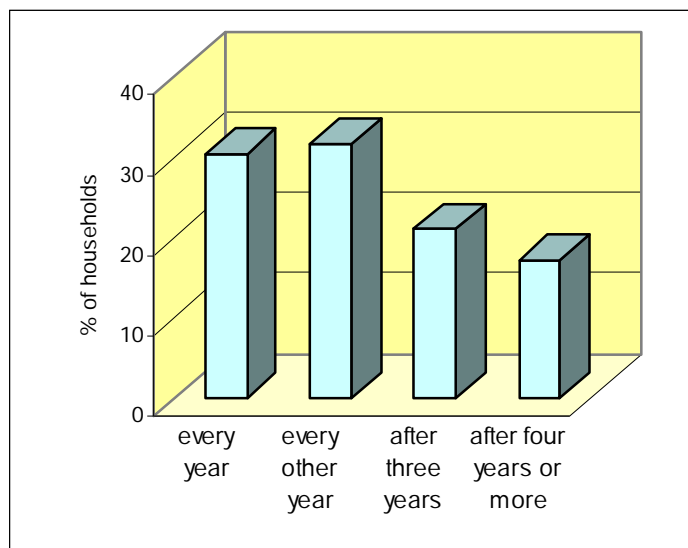
3.1.7.2 State/UT level details are given in Table 4 of Appendix A. The picture for the major States is shown in the table below. Purchase of seeds was most common in Andhra Pradesh (81% of farmer households), followed by Rajasthan (73%). Farm-saved seeds, on the other hand, were most used in Chhattisgarh (85%), Orissa (82%), Assam (77%), Jammu & Kashmir and Jharkhand (both 70%). Acquisition of seeds through “exchange” was most prevalent in Haryana (9%) and Madhya Pradesh (8%).

State	percentage of farmer households using seeds that were				State	percentage of farmer households using seeds that were			
	farm saved	got through exchange	pur-chased	total		farm saved	got through exchange	pur-chased	total
Andhra Pradesh	17	2	81	100	Kerala	65	3	32	100
Assam	77	4	19	100	Madhya Pradesh	50	8	42	100
Bihar	61	7	32	100	Maharashtra	29	2	69	100
Chhattisgarh	85	4	11	100	Orissa	82	4	14	100
Gujarat	35	7	58	100	Punjab	39	4	57	100
Haryana	28	9	63	100	Rajasthan	22	5	73	100
J & K	70	4	26	100	Tamil Nadu	32	3	65	100
Jharkhand	70	3	27	100	Uttar Pradesh	46	7	47	100
Karnataka	32	1	67	100	West Bengal	46	6	48	100
					All-India	47	5	48	100

3.1.8 Seeds: How often farmers replace varieties

3.1.8.1 While 30% farmer households, at the all-India level, were found to be replacing their seed varieties every year, 32% were replacing seed varieties every alternate year. Again, 21% were replacing seed varieties after three years, and 17% were waiting four years or longer before replacement.

Figure 6: Usual practice of seed replacement



3.1.8.2 State-level information is given in Table 5 of Appendix A. The picture for the major States is shown below. In four of these States, more than 50% of farmers were replacing seed varieties every year: Andhra Pradesh (57%), Maharashtra (54%), and Karnataka and Rajasthan (51%). At the other extreme, Kerala had 74% of its farmers replacing their seed varieties after 4 years or more. Apart from Kerala, no other major State had more than 30% of its farmers waiting longer than three years to replace seed varieties.

State	percentage of farmer households replacing seeds				State	percentage of farmer households replacing seeds			
	every year	every alternate year	after three years	after 4 years or more		every year	every alternate year	after three years	after 4 years or more
Andhra Pradesh	57	28	7	8	Kerala	11	10	5	74
Assam	13	33	30	24	Madhya Pradesh	18	24	28	30
Bihar	24	31	23	22	Maharashtra	54	26	15	5
Chhattisgarh	17	21	42	20	Orissa	18	35	29	18
Gujarat	39	30	12	19	Punjab	24	48	20	8
Haryana	26	42	28	4	Rajasthan	51	30	13	6
J & K	14	40	28	18	Tamil Nadu	42	40	7	11
Jharkhand	15	23	37	25	Uttar Pradesh	18	39	29	14
Karnataka	51	27	9	13	West Bengal	30	40	17	13
					All-India	30	32	21	17

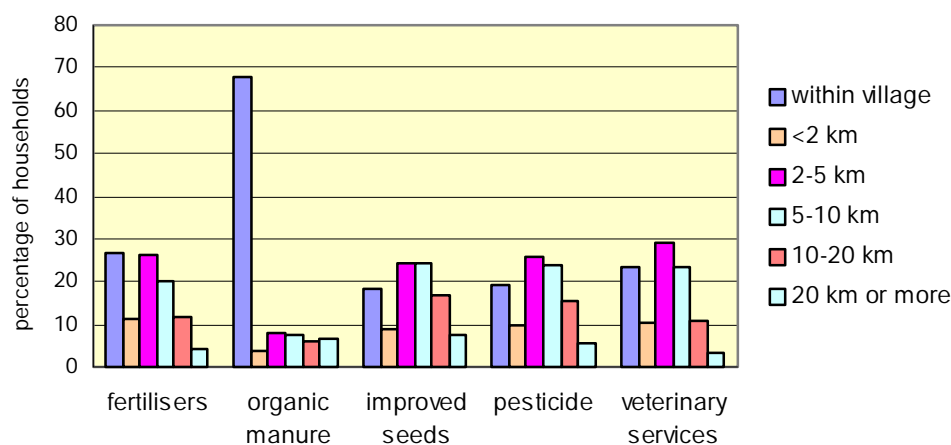
3.2 Availability and use of fertilisers, organic manure, improved seeds, pesticides and veterinary services

3.2.1 Distance from various resources

3.2.1.1 How far were farmer households, generally, located from various resources needed for farming? Were the resources available within the village, or were they several kilometres away from the farmer? The all-India picture, during the kharif season, is shown in Figure 7.

3.2.1.2 For each of the five resources, “distance (category) from resource” was ascertained for all surveyed households and not merely from those reporting that they were using the resource concerned. In villages where resources could be delivered to a household at its doorstep by prior booking, the resource was considered to be available within the village.

Figure 7: Percentage distributions of farmer households by distance from different resources (kharif season)



3.2.1.3 The chart above relates to the kharif season. It shows that among the five resources, only organic manure was available within the village for the majority of farmers in India (about 68%). Fertilisers were available within the village for 27% of farmer households and veterinary services for about 24%. Pesticides were available within the village for 19% households and improved seeds for 18%. (See table on the next page.) Details at State and all-India level are available in Table 13 of Appendix A.

3.2.1.4 It may be observed that for each of the resources, the “< 2 km” category contains an appreciably smaller number of households than either “within village” or “2-5 km”. This probably means that for many villages, the nearest point where the resource was available was a larger village, which was in most cases more than 2 km away.

3.2.1.5 Almost 24% of farmers at the all-India level (see Table 13) had to travel more than 10 km for improved seeds and 21% of farmers had to travel more than 10 km for pesticides. The percentages were somewhat less for fertilisers and veterinary services but still as high as 13-15%.

3.2.1.6 In the above discussion and the table below, estimates based on reporting for the kharif season have been referred to. Figures for the rabi season are not much different. In

case of organic manure, however, as many as 75% farmer households reported that it was available within the village during the rabi season compared to only 68% for kharif.

State/UT	Availability of resources within one's own village during the kharif season percentage of farmer households reporting availability in their own village of				
	fertiliser	organic manure	improved seeds	pesticides	veterinary services
Andhra Pradesh	25	80	20	23	39
Assam	15	74	9	14	4
Bihar	30	53	19	21	16
Chhattisgarh	22	59	13	14	19
Gujarat	29	84	17	16	36
Haryana	29	81	16	15	59
Jammu & Kashmir	27	87	18	21	40
Jharkhand	13	67	7	6	7
Karnataka	22	74	17	16	28
Kerala	41	86	35	36	30
Madhya Pradesh	17	53	10	9	13
Maharashtra	33	76	25	25	38
Orissa	25	71	11	20	13
Punjab	39	57	30	32	44
Rajasthan	20	69	16	14	19
Tamil Nadu	34	61	29	31	37
Uttar Pradesh	23	64	14	11	13
West Bengal	47	64	35	44	26
All-India	27	68	18	19	24

3.2.2 Extent of use, adequacy, timeliness and quality

3.2.2.0 Table 14 of Appendix A gives proportions of farmer households using each of the five kinds of resources at State/UT and all-India level, separately for kharif and rabi, and also the proportions reporting that the resources were “available in time”. The proportions of user households are shown for the major States in the table on Page 19. Table 15 gives the proportions of user households who found the resources adequate for their purposes and the break-up of user households by their judgement of the quality of the resources – good, bad and satisfactory.

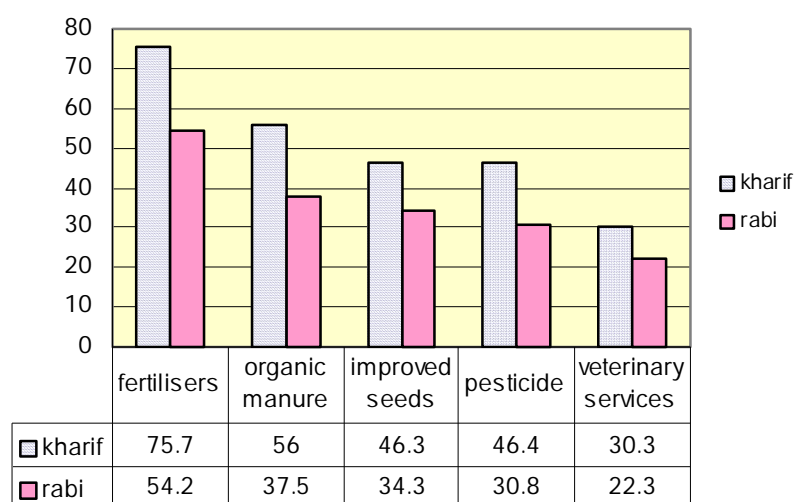
3.2.2.1 Fertilisers

Use: At the all-India level, 76% farmer households reported using fertilisers during the last kharif season and 54% reported using fertilisers during the last rabi season. All such households, with the exception of about 2-3%, were able to use the fertiliser in time. Use of fertilisers was more common in kharif than in rabi for all major States except Bihar, Punjab, Haryana and Uttar Pradesh. In all major States more than 50% farmer households used fertilisers during kharif. During rabi, 30% or more households used them, except in Chhattisgarh (8%) and Orissa (15%).

Adequacy: During both kharif and rabi seasons, 97% of farmer households who used fertilisers considered the quantity adequate for their purposes. (See Figure 9.)

Quality: Asked about the quality of the fertilisers they had used, 65% of farmer households said it was good, 34% categorised it as “satisfactory”, and less than 1% considered it “poor”. Statewise details are given in Table 15 of Appendix A.

Figure 8: Percentages of farmer households using specific resources for farming



3.2.2.2 Organic manure

Use: Almost 56% farmer households at the all-India level reported using organic manure during the last kharif season and 38% reported using it during the last rabi season. All except 1-2% of such households said the manure was available in time. The proportion of users was between 50% and 75% in the kharif season for most major States but only 32-35% in Punjab, Haryana and Bihar. In Bihar and Uttar Pradesh, use of organic manure was more common during rabi than in kharif. Use during rabi was highest in Jammu & Kashmir (80% farmer households) followed by Kerala (68% farmer households) and lowest in Chhattisgarh (4%) and Orissa (10%).

Adequacy: During both kharif and rabi, about 91% of farmer households (Figure 9) who used organic manure considered it adequate for their purposes.

Quality: Only 1% of farmer households who used organic manure considered it to be of “poor” quality. 65% of those using it during kharif said the quality was good while the remaining pronounced it “satisfactory”. Among rabi season users, a higher proportion – 70% - found the quality “good”.

3.2.2.3 Improved seeds

Use: About 46% farmer households reported using improved seeds during the last kharif season compared to 34% for the last rabi season. All except 1-2% of such households were able to use the seeds in time. Use of improved seeds during kharif was lowest in Chhattisgarh (12% farmer households), Kerala (16%), Orissa (19%) and Jharkhand (22%). During rabi, the same four States reported the least use of improved seeds (Chhattisgarh,

1%; Jharkhand, 5%; Orissa, 10%; Kerala, 13%). In Bihar, Punjab, Haryana, Jammu & Kashmir and Uttar Pradesh, and possibly Assam, use of improved seeds was more common during rabi. In Maharashtra and Andhra Pradesh, more than two-thirds of farmer households had used improved seeds during the kharif season.

Use of different farming resources										
State	percentage of farmer households using									
	fertiliser		organic manure		improved seeds		pesticides		veterinary services	
	kharif	rabi	kharif	rabi	kharif	rabi	kharif	rabi	kharif	rabi
Andhra Pradesh	81	30	69	28	68	30	71	30	41	30
Assam	62	53	64	54	33	34	51	48	22	14
Bihar	89	91	32	34	34	43	40	46	19	18
Chhattisgarh	69	8	52	4	12	1	38	5	20	2
Gujarat	81	38	71	27	62	29	48	25	45	28
Haryana	53	62	35	32	47	51	36	43	42	37
Jammu & Kashmir	91	82	88	80	40	41	40	33	44	42
Jharkhand	80	35	69	32	22	5	46	16	9	1
Karnataka	86	34	79	30	64	23	55	21	38	20
Kerala	61	50	72	68	16	13	36	27	24	18
Madhya Pradesh	59	52	40	39	29	21	28	23	19	14
Maharashtra	88	34	66	22	70	32	55	17	41	28
Orissa	76	15	65	10	19	10	41	10	31	8
Punjab	54	55	36	35	44	46	52	52	66	71
Rajasthan	60	34	57	27	54	28	18	19	22	11
Tamil Nadu	72	30	62	28	56	26	65	26	45	44
Uttar Pradesh	78	88	48	56	48	53	39	35	26	21
West Bengal	89	72	54	43	63	58	80	65	32	29
All-India	76	54	56	38	46	34	46	31	30	22

Adequacy: During both kharif and rabi seasons, 96% of farmer households who used improved seeds considered the available quantity to be adequate for their purposes.

Quality: Less than 1% of farmer households using improved seeds considered them to be of “poor” quality. About 61% of users during kharif and 64% during rabi said the seeds were “good” and the remaining pronounced them “satisfactory”.

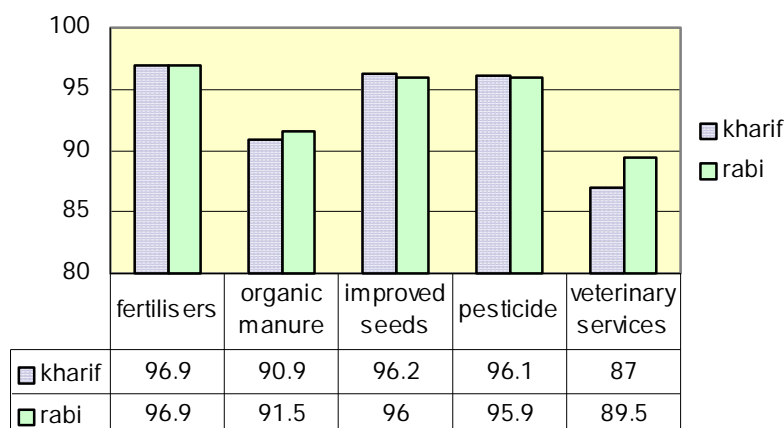
3.2.2.4 Pesticides

Use: The proportion of farmer households reporting use of pesticides in rural India during the last kharif season was 46% compared to 31% during the last rabi season. About 3 to 3.5% of such households said, however, that the pesticides were not available at the right time. The proportion of users during kharif was 18% in Rajasthan, 28% in Madhya Pradesh, and 36% or more in all other major States. During rabi, the lowest use of pesticides was in Chhattisgarh (5%) and Orissa (10%). In Haryana and Bihar, their use was appreciably higher during rabi. Use of pesticides was most prevalent in West Bengal (kharif, 80%; rabi, 65%).

Adequacy: During both kharif and rabi seasons, 96% of farmer households who used pesticides found the available quantity to be adequate for their purposes.

Quality: About 1.5% of user farmer households judged the quality of pesticides they had used as “poor”. While 60% felt that the quality was good, about 38% said it was satisfactory.

Figure 9: Percentage of user farmer households who considered resources adequate



3.2.2.5 Veterinary services

Use: Almost 30% farmer households at the all-India level reported using veterinary services during the last kharif season, compared to 22% during the rabi season. For the kharif season, however, as many as 14% of the user households reported that the services were not available in time, and for the rabi season, too, the proportion was 11%. Punjab had by far the highest proportion of farmer households reporting use of these services (66% during kharif and 71% during rabi), all other major States having less than 46%. Use of veterinary services was rarest in Jharkhand (kharif, 9%; rabi, 1%). In Chhattisgarh, only 2% farmer households had used such services in the rabi season.

Adequacy: Almost 87% of user households going by kharif season data and 90% by rabi season data considered the veterinary services available to be adequate.

Quality: Only 4-6% user households judged the veterinary services they had used as “poor”. About 56-59% thought they were “good” and 36-39% felt they were “satisfactory”.

3.2.3 Whether testing facilities for fertilisers and pesticides were available

3.2.3.1 *Fertilisers:* At the all-India level, only 2% of farmer households reported that facilities for testing of fertiliser were available to them and 1.5% said facilities were available during the rabi season. About 51% said that facilities were not available and 46-47% said they did not know whether they were available or not.

3.2.3.2 Apart from Punjab (9% for kharif, 5% for rabi) and Tamil Nadu (7% for kharif, 5% for rabi), the proportion of farmer households reporting that the facility was available was 3% or less in every major State.

State	facility for testing (during kharif season) of					
	fertilisers			pesticides		
	available	not available	don't know	available	not available	don't know
Andhra Pradesh	1.5	32	67	1.2	30	69
Assam	1.0	48	51	0.5	46	53
Bihar	1.3	59	40	1.0	51	48
Chhattisgarh	2.1	60	38	1.5	51	47
Gujarat	1.1	68	31	0.9	66	33
Haryana	0.5	31	69	0.6	29	70
Jammu & Kashmir	0.5	53	47	0.5	51	47
Jharkhand	1.1	64	35	0.3	67	33
Karnataka	3.3	53	44	3.1	51	46
Kerala	2.3	48	50	2.3	46	52
Madhya Pradesh	1.7	44	55	1.3	41	58
Maharashtra	1.6	52	47	1.2	51	48
Orissa	0.5	31	68	0.1	28	72
Punjab	9.1	30	61	8.2	29	63
Rajasthan	0.6	58	41	0.3	57	43
Tamil Nadu	6.9	45	48	5.4	46	49
Uttar Pradesh	2.3	59	39	1.7	55	43
West Bengal	1.4	52	46	1.3	50	49
All-India	2.0	51	47	1.6	48	50

3.2.3.3 The situation regarding testing facilities for testing of pesticides was very similar. About 1.5% reported that facilities were available, 47% said they were not, and 48% had no idea. Again the States with the highest percentages reporting availability were Punjab (8% for kharif, 5% for rabi) and Tamil Nadu (5% for kharif, 4% for rabi).

3.2.3.4 The figures for the kharif season are shown above for the major States.

3.3 Land used for different kinds of farming

3.3.1 Differences in land use between owned and leased-in land:

3.3.1.1 As the table below shows, 96.2% of all land used for farming during kharif and 95.1% during rabi was devoted to cultivation, including horticulture, sericulture and vermiculture. The proportions were higher still for leased-in land (98.2% for kharif and 97% for rabi).

3.3.1.2 The share of “fishery” was much higher for leased-in land – 0.92% for kharif and 1.05% for rabi - than for owned land (0.14% and 0.20%).

activity	percentage of farmed land used for the activity out of					
	land owned and possessed		land leased in		all land possessed	
	kharif	rabi	kharif	rabi	kharif	rabi
cultivation & allied agriculture	96.06	94.90	98.23	97.04	96.22	95.05
orchards and plantations	3.27	4.20	0.76	1.23	3.09	3.98
dairy	0.37	0.54	0.07	0.66	0.35	0.55
farming of goat, sheep, etc.	0.05	0.07	0.00	0.00	0.05	0.06
piggery	0.00	0.01	0.00	0.00	0.00	0.01
poultry/ duckery	0.01	0.02	0.00	0.00	0.01	0.02
fishery	0.14	0.20	0.92	1.05	0.20	0.27
bee-keeping	0.00	0.00	0.00	0.00	0.00	0.00
other animal farming	0.08	0.07	0.00	0.00	0.07	0.06
total	100.00	100.00	100.00	100.00	100.00	100.00

3.3.1.3 The share of orchards and plantations was 3-4% for owned land compared to 1% or even less for leased-in land.

3.3.1.4 The share of “dairy” activity in total farmed land is seen to go up from 0.35% in the kharif season to 0.55% in the rabi season. This, presumably, is not because dairy activity intensified during the rabi months but because land which was cultivated during kharif but not during rabi was in many cases reported as “used for dairy” in the latter season only. If one considers leased-in land only, the increase in the share of “dairy” in the rabi season is much more marked.

3.3.1.5 Farming of goat, sheep, etc. had a share of 0.05-0.07% and was practically confined to owned land. Again, as in the case of dairy there is an increase in reporting of land as under this activity during the rabi season.

3.3.1.6 Details for all States and UTs are given in Table 9.

3.3.2 Cultivation and allied agriculture, orchards and plantations, dairy, fishery and other farming: State-level distribution of farmed land

3.3.2.1 Inter-State variation in the proportions of farmed land devoted to cultivation and allied agriculture, orchards & plantations, dairy, fishery and other farming is shown in the table below:

State	percentage of farmed land used for			
	cultivation and allied agriculture		orchards and plantations	
	kharif	rabi	kharif	rabi
Andhra Pradesh	95.07	91.94	3.75	5.56
Assam	96.62	94.90	2.72	3.91
Bihar	97.09	97.41	2.28	1.93
Chhattisgarh	98.98	98.49	0.55	0.71
Gujarat	99.17	98.73	0.61	0.93
Haryana	99.00	98.86	0.28	0.36
Jammu & Kashmir	89.97	91.21	8.88	7.29
Jharkhand	99.10	99.06	0.42	0.57
Karnataka	92.46	84.99	7.43	13.65
Kerala	26.49	24.81	72.47	74.18
Madhya Pradesh	98.77	99.14	0.73	0.39
Maharashtra	98.30	97.36	1.41	2.33
Orissa	99.14	98.59	0.72	0.98
Punjab	98.28	98.60	0.76	0.45
Rajasthan	98.82	98.28	0.34	0.59
Tamil Nadu	86.45	79.41	12.87	19.43
Uttar Pradesh	97.14	97.43	2.06	1.69
West Bengal	95.40	94.78	1.74	1.94
All-India	96.22	95.05	3.09	3.98

3.3.2.2 The share of orchards and plantations was 72-74% in Kerala, 13% and 19% in Tamil Nadu during kharif and rabi respectively, 9% and 7% in Jammu & Kashmir, 7% and 14% in Karnataka, 4-5% in Andhra Pradesh, about 2% in Bihar, Maharashtra, West Bengal and Uttar Pradesh, and less than 1% in all other major States.

3.3.2.3 Cultivation, orchards and plantations together accounted for over 98% of all farmed land in practically every major State.

3.3.2.4 The share of farmed area reported as under “dairy”, in some States such as Karnataka, rose markedly during the rabi season (see also paragraph 3.3.1.4). Among the States where the percentage reported under dairy was more or less the same during the two

seasons, the highest percentage was in Punjab (0.95%), followed by Kerala, Haryana, Jammu & Kashmir and Uttar Pradesh (all about 0.7%).

State	percentage of farmed land used for					
	dairy		fishery		other farming	
	kharif	rabi	kharif	rabi	kharif	rabi
Andhra Pradesh	0.24	0.45	0.84	1.86	0.10	0.19
Assam	0.12	0.21	0.41	0.74	0.13	0.24
Bihar	0.51	0.57	0.01	0.01	0.11	0.08
Chhattisgarh	0.01	0.09	0.33	0.68	0.13	0.03
Gujarat	0.21	0.32	0.00	0.00	0.01	0.02
Haryana	0.67	0.75	0.00	0.00	0.05	0.03
Jammu & Kashmir	0.68	1.02	0.00	0.00	0.47	0.48
Jharkhand	0.06	0.16	0.01	0.03	0.41	0.18
Karnataka	0.06	1.24	0.00	0.00	0.05	0.12
Kerala	0.72	0.72	0.07	0.02	0.25	0.27
Madhya Pradesh	0.35	0.28	0.04	0.03	0.11	0.16
Maharashtra	0.08	0.23	0.00	0.00	0.21	0.08
Orissa	0.04	0.11	0.05	0.23	0.05	0.09
Punjab	0.95	0.95	0.00	0.00	0.01	0.00
Rajasthan	0.55	0.80	0.00	0.00	0.29	0.33
Tamil Nadu	0.56	0.96	0.00	0.00	0.12	0.20
Uttar Pradesh	0.62	0.68	0.09	0.08	0.09	0.12
West Bengal	0.21	0.32	2.56	2.82	0.09	0.14
All-India	0.35	0.55	0.20	0.27	0.14	0.15

3.3.2.5 The share of farmed land under fishery was highest in West Bengal (between 2.5% and 3%), followed by Andhra Pradesh (nearly 2% reported during rabi season), and then Assam.

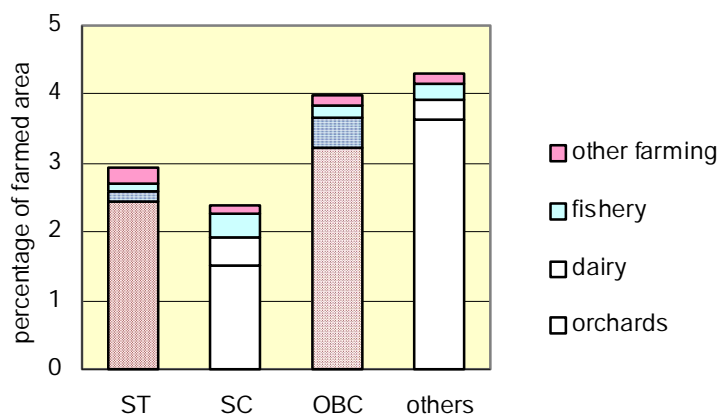
3.3.3 Differences among social groups in use of land for farming

3.3.3.1 *Cultivation vs. other farming*: There were some differences among social groups in the percentage of farmed area devoted to different agricultural activities (see Table 9-SG of Appendix A). The percentage break-ups of farmed area over the five broad groups “cultivation & allied agriculture”, “orchards”, “dairy”, “fishery” and “other farming” is shown overleaf for the four social groups: Scheduled Tribes (ST), Scheduled Castes (SC), Other Backward Classes (OBC), and Others. The share of cultivation during the rabi season is seen to be 97% for Scheduled Caste households, compared to under 95% for the other social groups.

social group	season	percentage of farmed area used for different agricultural activities					all
		cultivation & allied agriculture	orchards	dairy	fishery	other farming	
ST	kharif	97.06	2.43	0.17	0.10	0.23	100.00
	rabi	94.48	4.47	0.65	0.17	0.23	100.00
SC	kharif	97.62	1.50	0.42	0.34	0.11	100.00
	rabi	97.15	1.84	0.51	0.31	0.18	100.00
OBC	kharif	96.04	3.23	0.43	0.17	0.14	100.00
	rabi	94.48	4.01	0.60	0.25	0.16	100.00
others	kharif	95.71	3.62	0.30	0.25	0.13	100.00
	rabi	94.70	4.39	0.49	0.30	0.11	100.00
all	kharif	96.22	3.09	0.35	0.20	0.13	100.00
	rabi	95.05	3.98	0.55	0.27	0.15	100.00

3.3.3.2 *Farming other than cultivation*: To bring out the differences in the land use pattern more sharply, the percentages of farmed area devoted to orchards, dairy, fishery and other farming during the kharif season have been depicted in Figure 10.

Figure 10: Percentage of area farmed (kharif) for purposes other than cultivation: social groups



3.3.3.3 The share of fishery is seen to be the lowest for Scheduled Tribes and the share of orchards lowest for the Scheduled Castes (the latter's total share going to non-cultivation is itself lowest among all the social groups). The share of "other farming", which includes farming of goats, sheep, pigs, poultry, and all other animal farming except dairy, fishery, sericulture and vermiculture, is much higher for Scheduled Tribes than for the other social groups. Details of these are given in Table 9-SG of Appendix A.

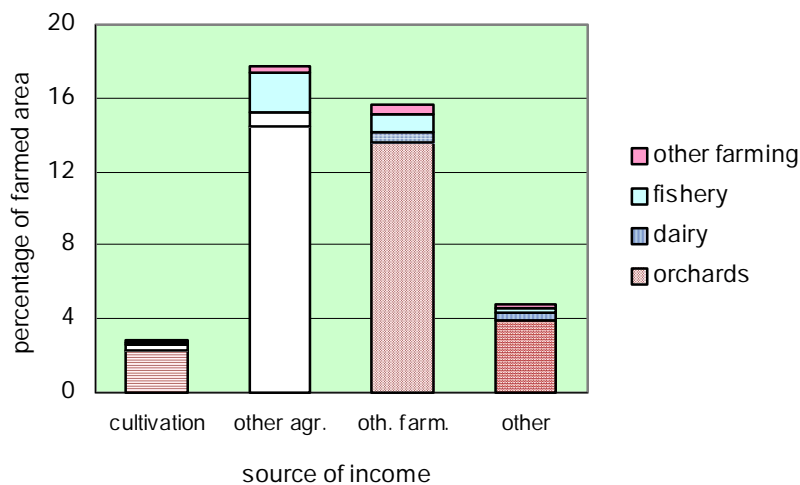
3.3.4 Differences in use of land for farming among farmer households with different sources of income

3.3.4.1 If farmer households are grouped by four major source of income: cultivation, farming other than cultivation, other agricultural activities and all other sources, then the differences in land use pattern of farmed land among these groups become, understandably, quite prominent. Thus the percentage of farmed area devoted to cultivation during the kharif season was 97% for the group with major source of income “cultivation” but only 82% for those with source of income “farming other than cultivation” (which includes animal farming), and 84% for those depending on “other agricultural activity” (which includes orchards and plantation crops).

source of income	percentage of farmed area used during kharif for different agricultural activities					
	cultivation & allied agriculture	orchards	dairy	fishery	other farming	all
cultivation	97.17	2.30	0.30	0.12	0.10	100.00
farming other than cultivation	82.28	14.49	0.75	2.13	0.34	100.00
other agricultural activity	84.41	13.58	0.58	0.94	0.50	100.00
other sources	95.17	3.89	0.48	0.20	0.24	100.00

3.3.4.2 Details for both kharif and rabi seasons are given in Table 9-SI of Appendix A.

Figure 11: Percentage of area farmed (kharif) for purposes other than cultivation: farmer households with different sources of income



3.3.4.3 To bring out the differences in the land use pattern more sharply, the percentages of farmed area devoted to orchards, dairy, fishery and other farming during the kharif season have been depicted in Figure 11 above.

3.3.5 Differences in use of land for farming among farmer households possessing different sizes of land

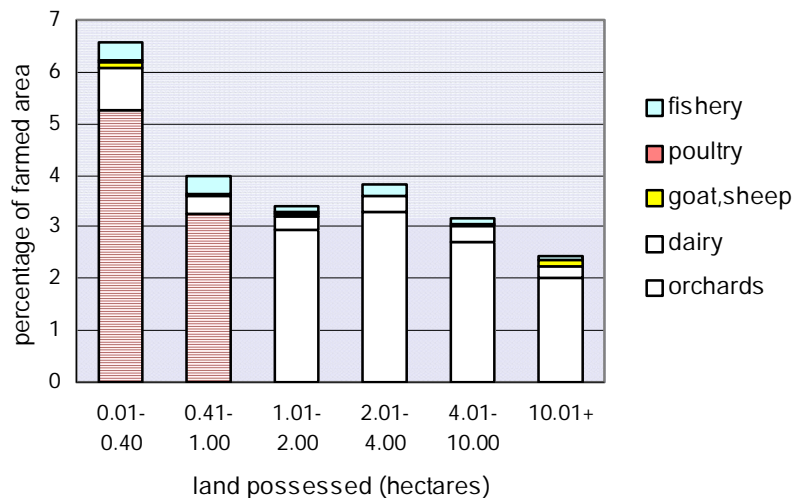
3.3.5.1 Table 10 of Appendix A gives the percentage distribution of farmed land over different kinds of agricultural activity, separately for farmer households in different size classes of land possessed in each State/UT. The all-India position is discussed here.

3.3.5.2 The size class “< 0.01 hectare”, which normally means “homestead land only”, shows a marked divergence from the general land use pattern. 68-69% of farmed land was devoted to dairy farming by this class while only 14% was cultivated during kharif and only 7% during rabi. All other size classes reported cultivation of 93% or more of farmed area during kharif and 91% or more during rabi. Figures for kharif for the lowest two size classes and “all classes” are shown below for illustration.

size of land possessed (selected classes)	percentage of farmed area used during kharif for different agricultural activities							
	cultivation & allied agr.	orchards	dairy	sheep, goats	poultry	fishery	other farming	all
<0.01 ha	14.26	1.73	68.81	9.98	2.37	0.03	2.82	100.00
0.01-0.40 ha	93.31	5.26	0.82	0.10	0.06	0.35	0.10	100.00
all classes	96.22	3.09	0.35	0.05	0.01	0.20	0.08	100.00

3.3.5.3 *Land use for farming other than cultivation:* For all classes except “< 0.01 ha”, the percentages of farmed land put to the important uses other than cultivation during the kharif season are shown in Figure 12. “Cultivation” has been left out of the chart so that the differences in the shares of the other uses may be viewed more clearly.

Figure 12: Percentage of area farmed (kharif) for purposes other than cultivation: farmer households in different size classes of land possessed



3.3.5.4 The shares of both “dairy” and “orchards” fall appreciably as one moves from the class “0.01-0.40 ha” to the next (higher) class. The share of “fishery” clearly declines with increase in land possessed.

3.4 Irrigation

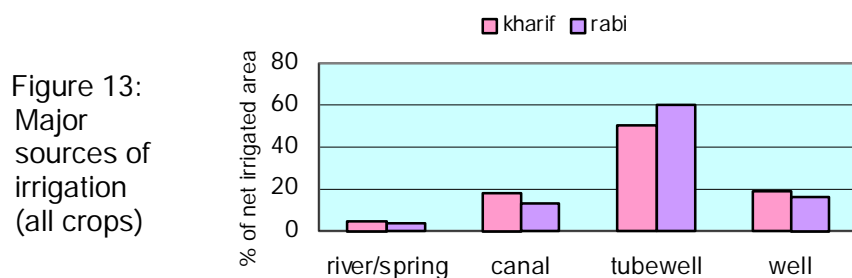
3.4.1 Area irrigated from different sources: all crops

State	season	percentage of cropped area irrigated by						total	cropped area (ha 00)
		river/spring	canal	tube-well	well	tank	other sources		
Andhra	kharif	1.62	15.24	14.85	8.60	4.24	3.35	47.90	68490
Pradesh	rabi	0.61	8.36	18.95	6.80	5.95	8.55	49.22	30878
Assam	kharif	0.86	1.79	2.00	0.44	0.14	1.90	7.13	20924
	rabi	1.61	2.16	7.71	1.12	1.01	3.68	17.29	11991
Bihar	kharif	3.98	11.64	55.36	0.39	2.08	4.25	77.70	44812
	rabi	2.00	7.80	68.57	0.72	0.83	2.90	82.82	43112
Chhattisgarh	kharif	1.15	19.33	5.80	0.22	0.83	1.51	28.84	36075
	rabi	0.67	1.15	7.21	0.31	1.22	0.55	11.11	17464
Gujarat	kharif	1.22	2.19	14.04	13.60	0.22	0.90	32.17	56957
	rabi	1.17	4.79	23.68	12.66	0.24	1.08	43.62	37403
Haryana	kharif	0.74	14.46	50.08	0.20	0.48	0.89	66.85	23690
	rabi	1.07	14.75	68.53	0.23	0.26	0.83	85.67	22231
Jammu & Kashmir	kharif	5.12	24.75	2.06	0.27	0.93	7.36	40.49	6517
	rabi	1.24	13.20	2.15	0.17	0.05	7.07	23.88	6291
Jharkhand	kharif	1.94	0.51	0.71	3.76	0.53	2.18	9.63	18991
	rabi	7.84	7.06	3.29	17.96	0.53	2.37	39.05	8075
Karnataka	kharif	2.17	7.62	8.94	4.39	0.87	1.18	25.17	62370
	rabi	1.81	10.14	11.56	4.08	0.48	1.45	29.52	37007
Kerala	kharif	2.93	16.19	1.50	6.60	1.49	5.80	34.51	9122
	rabi	2.94	9.32	1.05	10.03	0.97	17.01	41.32	8574
Madhya Pradesh	kharif	3.68	1.13	8.72	19.41	0.29	1.12	34.35	104411
	rabi	5.20	3.78	13.53	21.20	1.33	1.67	46.71	99126
Maharashtra	kharif	2.77	2.46	2.26	16.04	1.46	2.09	27.08	109440
	rabi	3.90	4.71	2.95	23.02	0.40	4.85	39.83	47685
Orissa	kharif	3.15	13.24	0.56	0.37	1.05	0.64	19.01	32987
	rabi	2.26	9.95	1.08	0.53	0.75	2.65	17.22	15750
Punjab	kharif	0.16	10.18	90.30	0.59	0.02	1.41	102.66	24565
	rabi	0.00	7.54	95.62	0.90	1.81	2.02	107.89	24039
Rajasthan	kharif	0.15	3.47	8.24	4.62	0.08	4.00	20.56	107288
	rabi	0.14	6.94	24.21	8.29	0.04	0.56	40.18	59495
Tamil Nadu	kharif	1.18	13.59	15.78	35.98	7.36	3.36	77.25	29399
	rabi	0.80	5.61	15.98	32.08	1.51	2.08	58.06	18768
Uttar Pradesh	kharif	0.54	11.11	59.10	0.99	0.28	1.07	73.09	121593
	rabi	0.63	11.88	69.62	2.90	0.34	0.89	86.26	122284
West Bengal	kharif	3.53	10.39	32.44	2.23	3.91	5.24	57.74	32688
	rabi	5.28	10.54	45.38	3.24	6.07	5.16	75.67	24985
All-India	kharif	2.00	7.75	21.01	7.94	1.23	2.27	42.20	930110
	rabi	2.20	7.68	33.82	9.04	1.13	2.46	56.33	651563

3.4.1.1 The table above shows, for the major States and all-India, the percentage of cropped area irrigated by different sources: rivers/ springs, canals, tubewells, wells, tanks and other sources, during the kharif season, and during the rabi season. The “total” column shows the gross irrigated area as a percentage of cropped area. Since a particular plot of land may be irrigated more than once, the gross irrigated area may exceed total cropped area. Cropped area or net sown area was not recorded separately in the schedule of enquiry. Here it has been derived by adding areas of land reported to be under cultivation and allied

agriculture, and orchards and plantations. That is, all land mainly used for dairy and other animal farming, including fisheries, has been excluded as irrigation is not relevant to such uses. Punjab, Bihar, Uttar Pradesh and Haryana showed the highest levels of gross irrigated area as a percentage of cropped area, the levels being, for all four States, higher during the rabi season. The lowest irrigation levels were those of Assam and Orissa.

3.4.1.2 Table 11 of Appendix A shows area irrigated by each of the sources as a percentage of net irrigated area, separately for different crop groups. The percentages for the four most important sources are shown in the table below for the major States and all-India.

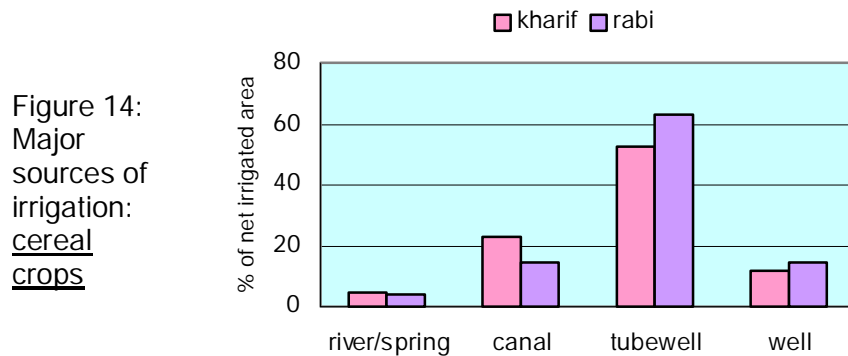


3.4.1.3 Of all irrigated lands, 50% during the kharif season and 60% during the rabi season were irrigated by tubewells. Wells were used to irrigate 19% of land irrigated during kharif and 16% during rabi. Canals were next (18%, kharif; 14%, rabi). Rivers and springs irrigated 4-5%.

Major sources of irrigation (all crops)								
season: kharif				State	season: rabi			
percentage of area irrigated by					percentage of area irrigated by			
tubewell	well	canal	river/spring		tubewell	well	canal	river/spring
31	18	32	3	Andhra Pradesh	39	14	17	1
32	7	20	12	Assam	45	7	13	9
72	1	15	5	Bihar	83	1	9	2
20	1	67	4	Chhattisgarh	65	3	10	6
44	42	7	4	Gujarat	54	29	11	3
75	0	22	1	Haryana	81	0	17	1
5	1	61	13	Jammu & Kashmir	9	1	55	5
7	39	5	20	Jharkhand	8	46	18	20
36	18	30	9	Karnataka	39	14	34	6
4	19	47	8	Kerala	3	24	22	7
25	57	3	11	Madhya Pradesh	29	45	8	11
8	59	9	10	Maharashtra	7	58	12	10
3	2	70	17	Orissa	6	3	56	13
89	1	10	0	Punjab	90	1	7	0
40	22	17	1	Rajasthan	60	21	17	0
21	49	18	2	Tamil Nadu	28	56	10	1
81	1	15	1	Uttar Pradesh	81	3	14	1
55	4	17	6	West Bengal	60	4	14	7
50	19	18	5	All-India	60	16	14	4

3.4.2 Area irrigated from different sources: cereal crops

3.4.2.1 Table 11, Appendix A, gives the percentages of area irrigated by each of twelve crop groups, including cereals, pulses, oilseeds, mixed crop, sugarcane, vegetables, plantation crops, fodder, fruits and nuts, and fibre crops, as well as estimated irrigated area for each group. The results for the “cereals” group are briefly discussed below.



3.4.2.2 In general, the relative extent of use of the different sources of irrigation in case of cereals largely matched the pattern seen in case of “all crops” in practically every major State. The all-India percentage of area irrigated by tubewells is highest here as well: 53% in the kharif season and 63% in the rabi season. The all-India percentage irrigated by canals during the kharif season was noticeably higher for cereal crops (23%) than for all crops considered together (19%). Andhra Pradesh, Maharashtra, Uttar Pradesh and Karnataka contributed to this phenomenon, but not Punjab and Haryana, where the importance of canals was less for cereals than for other crops.

Major sources of irrigation of cereal crops									
season: kharif					season: rabi				
percentage of area irrigated by				State	percentage of area irrigated by				
tubewell	well	canal	river/spring		tubewell	well	canal	river/spring	
25	15	43	3	Andhra Pradesh	34	13	20	1	
25	8	22	13	Assam	50	3	17	11	
71	1	15	5	Bihar	83	1	10	3	
18	1	70	4	Chhattisgarh	60	3	10	7	
37	41	11	6	Gujarat	49	33	11	4	
84	0	12	2	Haryana	81	0	18	2	
5	0	66	12	Jammu & Kashmir	14	0	68	2	
10	7	8	31	Jharkhand	10	23	31	29	
29	11	46	4	Karnataka	32	12	44	5	
1	3	75	15	Kerala	1	16	65	8	
39	37	7	11	Madhya Pradesh	27	47	10	11	
4	52	17	8	Maharashtra	8	56	13	8	
3	1	70	17	Orissa	9	1	63	13	
95	1	4	0	Punjab	90	1	7	0	
43	33	6	1	Rajasthan	62	25	12	0	
21	39	25	2	Tamil Nadu	29	48	14	1	
78	1	18	0	Uttar Pradesh	82	3	14	1	
50	4	19	6	West Bengal	58	6	18	4	
53	12	23	4	All-India	63	14	14	4	

3.4.3 Net irrigated area under various crops

3.4.3.1 Table 11 of Appendix A also gives, for each of twelve crop groups, the total net irrigated area under these crop groups during kharif and rabi in each State and UT. Figure 15 shows the share of cereal crops in total net irrigated area for India as a whole (62% in kharif and 69% in rabi).

Figure 15: Net irrigated area under cereal and non-cereal crops

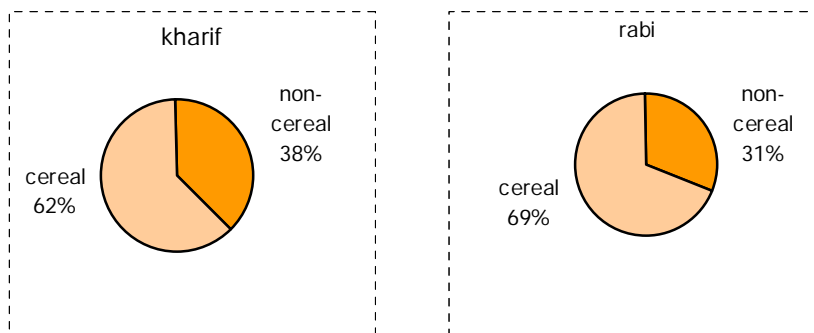
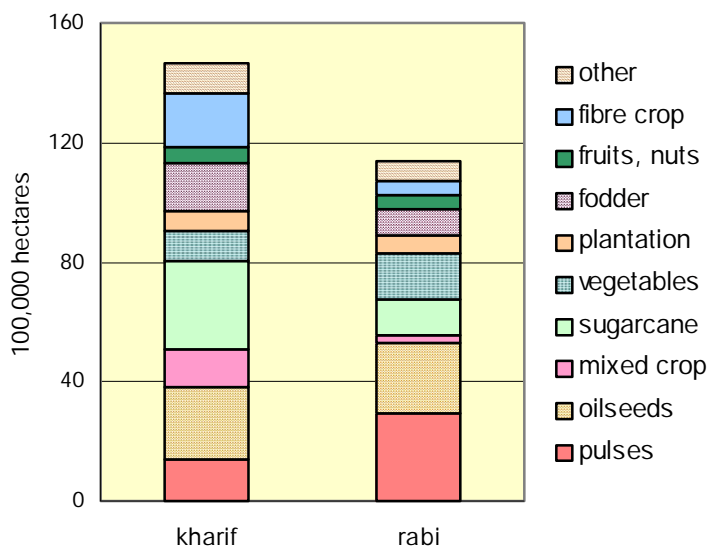


Figure 16: Net irrigated area under different crops other than cereals



3.4.3.2 The break-up of net irrigated area for non-cereal crops is shown in Figure 16. The non-cereal crop with the largest irrigated area during the kharif season was sugarcane (2.9 million ha), closely followed by oilseeds (2.4 million ha). In the rabi season, on the other hand, the “pulses” group showed the largest net irrigated area (2.9 million ha) after “cereals”, oilseeds again having 2.4 million hectares, while sugarcane had only 1.2 million hectares. (See Table 11 of Appendix A for details.)

3.4.4 Device used for irrigation

3.4.4.1 Farmer households who had irrigated their land during the last kharif or rabi season were also asked, for each source of irrigation they had used, which device among the following was used for irrigation: electric pump, diesel pump, Persian wheel, and other devices.

3.4.4.2 Table 12 of Appendix A shows, for each source of irrigation, what percentage of farmer households using the source had used electric pumps, what percentage had used diesel pumps, and so on. This is given separately for each State/UT. The last column of Table 12 indicates the number per 1000 of farming households using “no device” for irrigation. From this we can easily see that the percentage of farming households using some device for irrigation was as low as 3-5% at the all-India level for tanks, tubewells and wells, but around 80% for rivers/springs and 75-79% for canals.

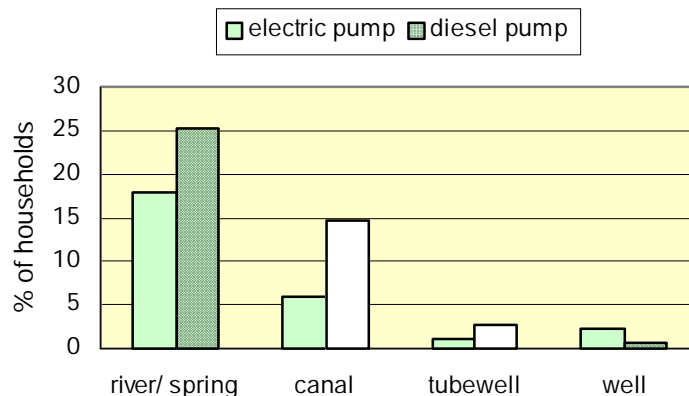
3.4.4.3 Prevalence of use of different devices: Among households irrigating their land from rivers or springs, 25% used diesel pumps during the kharif season and 31% used them during the rabi season. For irrigation from canals, 15% used diesel pumps during kharif and 18% during rabi. For irrigation from tube-wells, 3% relied on diesel pumps during kharif and 2% during rabi. For wells, less than 1% used diesel pumps in either season.

3.4.4.4 At the all-India level the proportion of farmer households using electric pumps for irrigation from rivers or springs was 18% during both kharif and rabi seasons. For irrigation from canals, 6-7% used electric pumps. Among those irrigating their land from wells, about 2% used electric pumps.

3.4.4.5 The proportion of households using Persian wheels for irrigation was less than 1 per 1000 nearly everywhere, whatever the source of irrigation used.

3.4.4.6 The all-India percentages using diesel pumps and irrigation pumps during kharif, for the four most important sources of irrigation, are shown in Figure 17.

Figure 17: Percentages of households using electric pumps and diesel pumps for irrigation (kharif season)



3.4.4.7 Relative extent of use of different devices in terms of irrigated area: Considering all sources of irrigation together, which was the device most widely used in terms of proportion of gross irrigated area (GIA)? Table 12A of the Appendix gives these proportions for different States and UTs, separately for kharif and rabi seasons. At the all-India level, the data are inconclusive on the point at issue, as “other devices” accounts for a larger proportion of GIA (10.9% for kharif and 8.5% for rabi) than any of the three explicitly recorded devices - diesel pumps, electric pumps and Persian wheels. The share of diesel pumps in GIA was 5.5% during the kharif season and 4.8% during the rabi season. Electric pumps accounted for 4.1% of GIA during the kharif season and 3.7% during the rabi season. The share of Persian wheels was 0.1% or less. At State level, too, the proportion of GIA accounted by any of the three devices specified in the survey schedule was rarely higher than 10%. Among the major States, Orissa had about 14% and 16% of GIA irrigated with the help of diesel pumps during the kharif and rabi season respectively. In Karnataka and Kerala, over 12% of GIA was irrigated with the help of electric pumps during the kharif season but the percentage fell to below 7% during the rabi season. In Maharashtra, 11% of GIA was irrigated with the help of electric pumps in both seasons.

Percentage distribution of gross irrigated area by device used for irrigation

season: kharif					State	season: rabi				
percentage of area irrigated by use of						percentage of area irrigated by use of				
electric pump	diesel pump	Persian wheel	other device	no device	electric pump	diesel pump	Persian wheel	other device	no device	
5.5	7.0	0.2	13.0	74.3	Andhra Pradesh	1.9	2.5	0.0	7.2	88.4
0.0	9.4	0.0	11.0	79.6	Assam	0.0	1.7	0.2	13.5	84.6
0.1	11.1	0.0	7.9	80.9	Bihar	0.1	6.7	0.0	4.7	88.5
6.8	0.8	0.2	33.9	58.3	Chhattisgarh	0.0	0.0	0.0	11.4	88.6
3.5	6.7	0.0	1.8	88.0	Gujarat	4.0	9.3	0.0	2.2	84.5
2.5	5.3	0.0	13.4	78.8	Haryana	2.3	3.9	1.1	9.6	83.1
3.8	2.8	0.1	58.8	34.5	Jammu & Kashmir	2.3	0.7	0.0	54.9	42.1
1.5	12.8	0.0	10.4	75.3	Jharkhand	11.6	24.9	0.0	3.4	60.1
12.6	1.0	0.1	22.9	63.4	Karnataka	6.5	5.2	0.0	10.5	77.8
12.6	2.5	0.2	34.3	50.4	Kerala	6.5	1.0	0.0	31.5	61.0
4.6	6.5	0.2	1.2	87.5	Madhya Pradesh	11.7	3.4	0.2	3.9	80.7
11.1	1.0	0.0	5.8	82.1	Maharashtra	10.8	2.2	0.0	6.6	80.4
2.2	13.8	0.0	55.9	28.0	Orissa	1.9	15.8	0.0	53.7	28.6
3.9	2.6	0.0	6.3	87.2	Punjab	3.0	1.7	0.0	4.1	91.2
2.3	7.8	0.0	12.1	77.8	Rajasthan	1.0	7.5	0.0	15.7	75.8
5.6	2.3	0.0	11.5	80.6	Tamil Nadu	5.1	0.5	0.0	4.8	89.6
1.6	4.7	0.0	8.2	85.5	Uttar Pradesh	0.9	4.6	0.2	8.5	85.8
2.9	10.4	0.0	8.5	78.2	West Bengal	0.5	0.7	0.0	24.3	74.5
4.1	5.5	0.1	10.9	79.4	All-India	3.7	4.8	0.1	8.5	82.9

3.5 Energy used for farming and other activities

3.5.0.1 Table 17 of Appendix A gives for each of eight different activities, the distribution of households reporting any of eight specific sources of energy used for the activity by type of energy used. The eight different sources of energy considered are: electricity, diesel/petrol/kerosene, solar energy, LPG, gobar gas, dung cake, firewood, animal power, and other sources. The activities are: ploughing, irrigation, harvesting, threshing, cane crushing, transport, cooking and lighting. For the first four of these activities (ploughing, irrigation, harvesting and threshing), Table 18 provides the per 1000 distribution of farming households by primary source of energy used, cross-classified by size of land possessed. Some important facts emerging from the data are discussed below.

3.5.0.2 It may be noted that for each activity, the “percentage of farmer households using a specific energy source” refers to the percentage of such households *among households reporting use of non-human energy* for the activity in question.

3.5.1 Energy use: Ploughing

3.5.1.1 At the all-India level 47% of farmer households reporting energy used for ploughing work during the last 365 days used diesel tractors for ploughing, while 52% used animals. The proportions did not change much with increase in size of land possessed. In the topmost class - 10.00 hectares and above – however, there was a marked increase in the use of tractors, diesel use being reported by 70% households in this class. Further, about 1-2% households in this class reported use of electricity for ploughing.

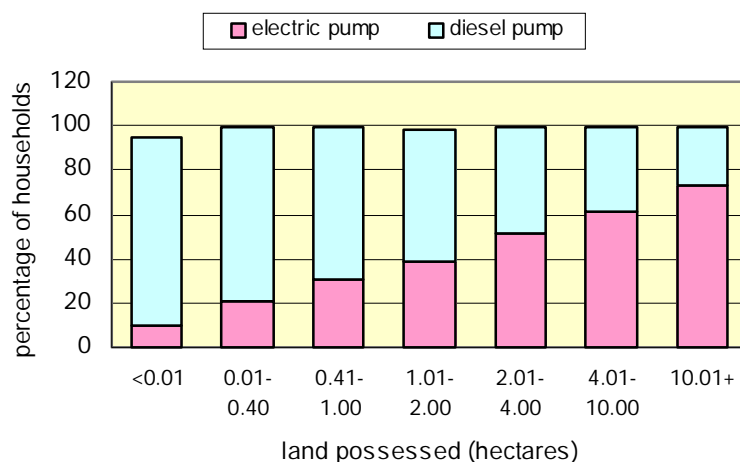
3.5.1.2 Inter-State variation in the proportions of households reporting use of diesel and animals for ploughing is shown below. The major States exhibited a great deal of variation, with not only the economically backward belt consisting of Orissa, Jharkhand and Chhattisgarh but also the more developed States of Karnataka and Maharashtra depending heavily on animal power.

State	percentage of farmer households ploughing land using		State	percentage of farmer households ploughing land using	
	diesel	animals		diesel	animals
Andhra Pradesh	38	61	Kerala	72	27
Assam	3	97	Madhya Pradesh	34	65
Bihar	64	35	Maharashtra	21	78
Chhattisgarh	10	90	Orissa	12	88
Gujarat	52	47	Punjab	96	3
Haryana	89	11	Rajasthan	70	29
Jammu & Kashmir	37	62	Tamil Nadu	68	30
Jharkhand	2	98	Uttar Pradesh	81	18
Karnataka	14	85	West Bengal	53	47
			All-India	47	52

3.5.2 Energy use: Irrigation

3.5.2.1 About 66% of farmer households which reported use of energy for irrigation of their land during the last 365 days used diesel pumps. Another 33% used electric pumps. The incidence of use of electric pumps increased steadily with size class of land possessed, from 10% for the lowest size class to 62% and 73% for the top two size classes (see Figure 18). In the lowest class “< 0.01 hectares”, 5% of those reporting energy use for irrigation used animal power.

Figure 18: Percentages of farmer households using diesel and electric pumps for irrigation among those using non-human energy



3.5.2.2 Inter-State variation in the proportions of households using diesel pumps and electric pumps for irrigation is shown below for important States.

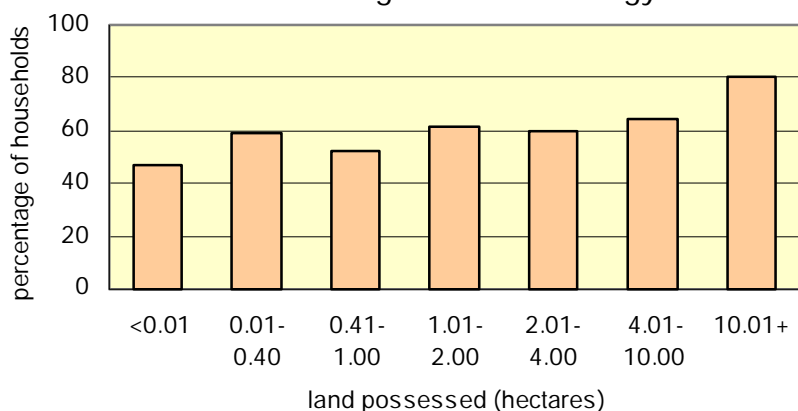
State	percentage of farmer households irrigating land using		State	percentage of farmer households irrigating land using	
	diesel pumps	electric pumps		diesel pumps	electric pumps
Andhra Pradesh	20	78	Kerala	15	85
Assam	87	4	Madhya Pradesh	34	65
Bihar	97	2	Maharashtra	12	87
Chhattisgarh	28	63	Orissa	61	38
Gujarat	35	63	Punjab	29	71
Haryana	53	47	Rajasthan	61	34
Jammu & Kashmir	22	75	Tamil Nadu	27	72
Jharkhand	81	2	Uttar Pradesh	84	16
Karnataka	7	89	West Bengal	87	13
			All-India	66	33

More details are available in Tables 17 and 18 of Appendix A.

3.5.3 Energy use: Harvesting

3.5.3.1 Almost 59% of households reporting use of energy for harvesting crops during the last 365 days used diesel-powered machines and 38% used animal power. The incidence of use of diesel power increased with size class of land possessed from 47% in the lowest size class to 65% in the class 4-10 hectares, and finally to 80% in the class “10.01+”. No such pattern was, however, seen in case of electrical energy, which about 3% of all those using energy for harvesting reported. Even in the highest size class “10 hectares & above”, about 17% of those using energy for harvesting used animal power.

Figure 19: Percentage of households using diesel power for harvesting among those using non-human energy



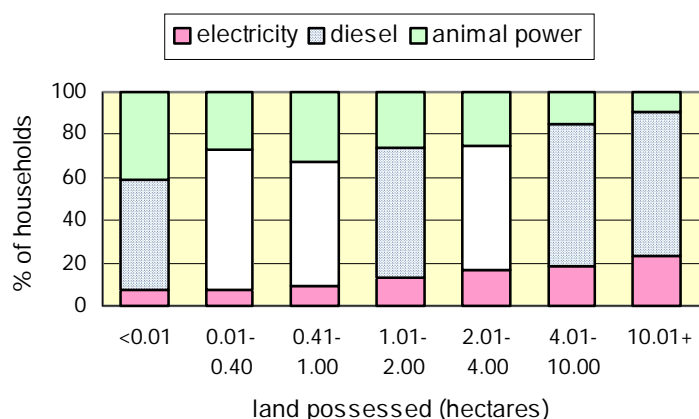
3.5.3.2 Inter-State variation in the proportion of households reporting use of diesel and animals respectively for harvesting is shown below.

State	percentage of farmer households harvesting crops using		State	percentage of farmer households harvesting crops using	
	diesel	animals		diesel	animals
Andhra Pradesh	60	40	Kerala	61	8
Assam	1	99	Madhya Pradesh	79	16
Bihar	51	43	Maharashtra	44	46
Chhattisgarh	10	90	Orissa	7	93
Gujarat	59	35	Punjab	96	0
Haryana	99	1	Rajasthan	79	17
Jammu & Kashmir	9	91	Tamil Nadu	79	13
Jharkhand	0	100	Uttar Pradesh	87	8
Karnataka	27	72	West Bengal	23	74
			All-India	59	38

3.5.4 Energy use: Threshing

3.5.4.1 Among households reporting use of energy for threshing of harvested crops during the last 365 days, about 12% at the all-India level used electric-powered threshers, 61% used diesel power and 27% used animal power. The incidence of use of electric power rose steadily with increase in size of land possessed, from under 8% in the lowest size class to 24% in the highest class. The use of diesel-powered threshers, too, increased with land possessed; from 51% for the class “<0.01” it reached 66-67% in the highest two size classes - “4-10 ha” and “10.01+”. The share of animal power fell from 41% in the lowest size class to 9% in the highest.

Figure 20: Percentages of households using electricity, diesel and animals among those using non-human energy for threshing



3.5.4.2 Inter-State variation in the relative importance of different sources of energy for threshing is shown in the table below.

State	percentage of farmer households in which threshing was done using			State	percentage of farmer households in which threshing was done using		
	electricity	diesel	animals		electricity	diesel	animals
Andhra Pradesh	0.3	54.5	45.2	Kerala	7.6	88.0	4.4
Assam	0.0	0.0	100.0	Madhya Pradesh	40.1	33.9	25.9
Bihar	0.9	80.0	19.0	Maharashtra	34.7	44.0	21.1
Chhattisgarh	0.2	14.5	85.3	Orissa	4.6	4.0	91.4
Gujarat	6.3	70.3	23.4	Punjab	5.7	94.3	0.0
Haryana	3.3	96.2	0.0	Rajasthan	7.8	76.3	15.6
Jammu & Kashmir	4.5	79.3	16.3	Tamil Nadu	7.0	79.4	13.6
Jharkhand	0.1	6.2	93.7	Uttar Pradesh	6.2	89.9	3.8
Karnataka	0.7	36.4	62.9	West Bengal	2.9	22.5	71.1
				All-India	11.5	61.1	27.2

Table 1: Per 1000 numbers of farmer households having awareness of some aspects of farming

State/ UT	minimum support price (MSP)						bio-fertiliser				WTO				estd. no. of hhs (00)	sample no. of hhs		
	aware of MSP		n. r.	total	aware	not aware	n. r.	total	aware	not aware	n. r.	total	aware	not aware			n. r.	total
	aware of procure-ment agency (2)	not aware of procure-ment agency (3)																
(1)																	(15)	(16)
Andhra Pradesh	167	124	3	1000	106	891	3	1000	106	891	3	1000	55	944	2	1000	60339	3396
Arunachal Pradesh	102	122	16	1000	163	817	20	1000	163	817	20	1000	82	898	20	1000	1227	502
Assam	115	100	1	1000	257	742	1	1000	257	742	1	1000	105	894	1	1000	25040	2187
Bihar	88	97	10	1000	130	861	9	1000	130	861	9	1000	83	908	9	1000	70804	3970
Chhattisgarh	287	65	0	1000	113	887	0	1000	113	887	0	1000	14	986	0	1000	27598	1087
Gujarat	143	107	17	1000	107	885	8	1000	107	885	8	1000	58	938	4	1000	37845	1330
Haryana	436	160	71	1000	87	864	49	1000	87	864	49	1000	114	877	10	1000	19445	928
Himachal Pradesh	128	90	0	1000	116	884	0	1000	116	884	0	1000	82	918	0	1000	9061	1154
Jammu & Kashmir	155	113	0	1000	284	716	0	1000	284	716	0	1000	72	928	0	1000	9432	917
Jharkhand	40	84	1	1000	232	766	2	1000	232	766	2	1000	107	891	2	1000	28238	1405
Karnataka	234	58	0	1000	222	778	0	1000	222	778	0	1000	70	930	0	1000	40413	2009
Kerala	416	194	2	1000	546	452	2	1000	546	452	2	1000	440	559	2	1000	21946	2232
Madhya Pradesh	197	96	1	1000	104	894	2	1000	104	894	2	1000	27	971	1	1000	63206	2455
Maharashtra	211	65	1	1000	242	758	0	1000	242	758	0	1000	58	941	0	1000	65817	3312
Manipur	5	11	4	1000	69	928	3	1000	69	928	3	1000	37	962	0	1000	2146	986
Meghalaya	72	117	0	1000	205	795	0	1000	205	795	0	1000	131	869	0	1000	2543	724
Mizoram	5	145	4	1000	400	595	6	1000	400	595	6	1000	147	848	6	1000	780	501
Nagaland	61	32	7	1000	698	291	11	1000	698	291	11	1000	307	682	11	1000	805	384
Orissa	96	26	3	1000	150	849	1	1000	150	849	1	1000	23	975	2	1000	42341	1938
Punjab	530	79	24	1000	64	870	66	1000	64	870	66	1000	231	757	12	1000	18442	1279
Rajasthan	55	50	0	1000	100	900	0	1000	100	900	0	1000	23	977	0	1000	53080	2596
Sikkim	12	62	0	1000	188	812	0	1000	188	812	0	1000	69	931	0	1000	531	552
Tamil Nadu	390	78	31	1000	470	501	29	1000	470	501	29	1000	121	878	2	1000	38880	3189
Tripura	143	182	13	1000	66	915	19	1000	66	915	19	1000	97	883	19	1000	2333	1022
Uttar Pradesh	215	109	8	1000	147	843	10	1000	147	843	10	1000	45	949	5	1000	171575	6748
Uttaranchal	92	139	0	1000	262	738	0	1000	262	738	0	1000	130	870	0	1000	8962	412
West Bengal	131	167	5	1000	219	773	8	1000	219	773	8	1000	118	877	5	1000	69226	3958
Group of UTs	371	40	1	1000	300	669	32	1000	300	669	32	1000	123	877	0	1000	732	484
All-India	190	98	8	1000	180	812	8	1000	180	812	8	1000	77	920	3	1000	893504	51770
estd. no. of hhs (00)	169170	87845	6774	891946	161085	725238	7181	893504	161085	725238	7181	893504	68837	821740	2928	893504	-	-
sample no. of hhs	9644	5166	618	51677	10561	40508	701	51770	10561	40508	701	51770	5007	46491	272	51770	-	-

Table 2: Per 1000 distribution of farmer households not insuring their crops by reason

State/ UT	no. per 1000 of households not insuring crops because						no. of hhs insuring their crops		
	unaware of crop insurance	not inter-ested	insurance facility not available	lacking resources for payment of premium	n. r.	all	per 1000 hhs	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	749	98	120	32	2	1000	68	4075	194
Arunachal Pradesh	488	129	344	13	27	1000	36	44	21
Assam	634	177	175	8	6	1000	2	46	12
Bihar	406	92	486	9	8	1000	8	599	33
Chhattisgarh	659	201	84	53	2	1000	73	2003	91
Gujarat	480	295	154	67	5	1000	195	7364	212
Haryana	405	142	413	29	11	1000	1	20	3
Himachal Pradesh	529	147	274	49	1	1000	32	287	32
Jammu & Kashmir	249	26	715	6	3	1000	2	21	3
Jharkhand	667	70	247	14	3	1000	6	161	11
Karnataka	538	251	126	85	0	1000	79	3190	149
Kerala	292	549	104	55	0	1000	51	1109	103
Madhya Pradesh	598	241	105	55	1	1000	22	1414	79
Maharashtra	627	247	70	52	4	1000	107	7055	362
Manipur	522	70	381	8	19	1000	95	204	85
Meghalaya	513	99	379	8	0	1000	105	267	67
Mizoram	842	28	89	0	41	1000	7	5	3
Nagaland	371	190	439	0	0	1000	2	1	1
Orissa	763	77	86	69	5	1000	77	3240	148
Punjab	193	117	660	12	17	1000	11	208	17
Rajasthan	547	71	374	8	0	1000	6	344	22
Sikkim	580	78	337	0	4	1000	0	0	1
Tamil Nadu	557	327	89	23	4	1000	25	979	77
Tripura	249	232	447	36	36	1000	54	125	24
Uttar Pradesh	542	128	284	20	27	1000	12	2080	92
Uttaranchal	536	119	326	10	8	1000	1	7	1
West Bengal	639	123	223	6	10	1000	11	727	50
Group of UTs	462	385	140	12	1	1000	20	15	11
All-India	561	164	235	31	9	1000	40	35592	1904
estd. no. of hhs (00)	474863	139008	198479	26157	7700	846208	-	-	-
sample no. of hhs	26076	8595	12165	1387	488	48711	-	-	-

Table 3: Per 1000 number of households not availing services from cooperatives, and number availing, by type of service

State/UT	per 1000 no. of households										all	no. of hhs availing services of cooperatives	
	with no members of coops.	with members but not availing services	availing services of cooperatives							n.r.		estd. (00)	sam-ple
			credit	seeds/fertiliser	agr. impl-ements	mark-eting	inputs	cons-umer goods	all				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
Andhra Pr.	686	116	167	25	2	1	0	0	196	2	1000	11801	574
Arunachal Pr.	763	53	0	21	0	0	0	115	143	48	1000	167	78
Assam	827	54	14	4	0	1	0	98	118	1	1000	2955	218
Bihar	920	48	15	5	0	0	0	0	22	11	1000	1528	77
Chhattisgarh	501	92	62	277	2	1	0	66	408	0	1000	11248	461
Gujarat	507	107	157	214	0	1	0	10	383	4	1000	14452	442
Haryana	605	83	165	123	2	0	0	0	296	22	1000	5633	256
Himachal Pr.	428	101	33	369	4	1	1	62	471	1	1000	4263	521
Jammu & Kashmir	751	22	10	163	0	0	0	55	227	0	1000	2145	225
Jharkhand	973	24	0	0	0	0	0	0	1	2	1000	14	5
Karnataka	642	144	133	34	1	18	1	27	214	0	1000	8637	427
Kerala	403	210	269	96	4	5	2	10	386	1	1000	8450	818
Madhya Pr.	571	140	58	225	2	0	0	2	288	1	1000	18211	814
Maharashtra	459	176	271	87	4	1	1	1	365	0	1000	24016	1111
Manipur	928	35	0	0	31	0	0	0	31	6	1000	66	25
Meghalaya	813	20	0	45	6	0	1	112	165	3	1000	417	116
Mizoram	727	88	32	5	0	0	0	68	114	81	1000	82	70
Nagaland	935	46	3	0	0	0	0	4	8	11	1000	6	3
Orissa	780	71	122	21	4	0	0	0	147	1	1000	6231	286
Punjab	547	82	191	113	0	0	0	3	328	63	1000	5668	355
Rajasthan	786	71	51	68	0	0	0	22	142	1	1000	7551	485
Sikkim	580	81	3	93	0	0	3	239	339	0	1000	180	192
Tamil Nadu	563	145	182	76	3	1	1	16	282	13	1000	10840	707
Tripura	648	224	36	58	10	0	0	1	107	24	1000	244	111
Uttar Pradesh	785	70	14	114	1	0	0	1	133	14	1000	22455	894
Uttaranchal	958	15	11	16	0	0	0	0	27	0	1000	242	18
West Bengal	779	94	84	24	2	1	2	1	115	13	1000	7853	368
Group of UTs	654	106	100	55	2	34	0	49	240	0	1000	176	106
All-India	699	96	92	89	2	1	0	11	198	8	1000	175615	9774
estd. no. of hhs (00)	624819	86189	82597	79877	1576	1338	299	9929	-	6881	893504	-	-
sample no. of hhs	36312	5010	4314	4151	118	110	28	1053	-	674	51770	-	-

Table 4: Per 1000 distribution of farmer households by usual source of procuring seeds

State/ UT	usual source of seeds					estd. no. of hhs (00)	sample no. of hhs
	farm saved	exchange	purchase	n.r.	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Andhra Pradesh	162	22	802	14	1000	60339	3396
Arunachal Pradesh	753	69	150	29	1000	1227	502
Assam	765	36	195	5	1000	25040	2187
Bihar	599	64	317	20	1000	70804	3970
Chhattisgarh	847	44	107	2	1000	27598	1087
Gujarat	337	65	556	41	1000	37845	1330
Haryana	229	74	507	190	1000	19445	928
Himachal Pradesh	487	50	462	1	1000	9061	1154
Jammu & Kashmir	698	34	261	6	1000	9432	917
Jharkhand	701	30	268	2	1000	28238	1405
Karnataka	315	13	654	18	1000	40413	2009
Kerala	644	25	320	11	1000	21946	2232
Madhya Pradesh	501	80	418	2	1000	63206	2455
Maharashtra	287	19	690	4	1000	65817	3312
Manipur	628	65	300	7	1000	2146	986
Meghalaya	900	4	92	4	1000	2543	724
Mizoram	840	22	124	14	1000	780	501
Nagaland	893	14	81	12	1000	805	384
Orissa	815	43	140	3	1000	42341	1938
Punjab	279	31	399	290	1000	18442	1279
Rajasthan	223	54	717	7	1000	53080	2596
Sikkim	913	6	81	0	1000	531	552
Tamil Nadu	281	27	565	126	1000	38880	3189
Tripura	495	36	446	24	1000	2333	1022
Uttar Pradesh	435	66	446	53	1000	171575	6748
Uttaranchal	847	35	109	10	1000	8962	412
West Bengal	450	64	472	14	1000	69226	3958
Group of UTs	461	48	389	103	1000	732	484
All-India	453	49	465	34	1000	893504	51770
estd. no. of hhs (00)	404459	43501	415292	30253	893504	-	-
sample no. of hhs	23410	2424	22855	3081	51770	-	-

* n.r. includes not applicable cases.

Table 5: Per 1000 distribution of farmer households by usual practice of seed replacement

State/ UT	usual practice of seed replacement						no. per 1000 of hhs reporting seed replacement	estd. no. of hhs (00)	sample no. of hhs
	every year	every alternate year	after three years	after four years or more	n.r.	all			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Andhra Pradesh	562	274	71	79	14	1000	986	60339	3396
Arunachal Pradesh	511	154	120	183	32	1000	968	1227	502
Assam	126	334	301	236	4	1000	996	25040	2187
Bihar	238	306	221	215	20	1000	980	70804	3970
Chhattisgarh	171	207	422	200	0	1000	1000	27598	1087
Gujarat	379	287	112	180	42	1000	958	37845	1330
Haryana	209	343	225	33	190	1000	810	19445	928
Himachal Pradesh	350	243	201	205	1	1000	999	9061	1154
Jammu & Kashmir	136	404	277	176	6	1000	994	9432	917
Jharkhand	146	233	365	254	1	1000	999	28238	1405
Karnataka	501	268	87	126	19	1000	981	40413	2009
Kerala	110	103	46	728	12	1000	988	21946	2232
Madhya Pradesh	181	237	276	304	2	1000	998	63206	2455
Maharashtra	536	256	149	54	5	1000	995	65817	3312
Manipur	195	220	320	251	14	1000	986	2146	986
Meghalaya	236	127	99	535	4	1000	996	2543	724
Mizoram	462	108	35	347	48	1000	952	780	501
Nagaland	252	126	429	183	12	1000	988	805	384
Orissa	177	350	291	179	3	1000	997	42341	1938
Punjab	167	342	141	59	290	1000	710	18442	1279
Rajasthan	509	293	127	62	8	1000	992	53080	2596
Sikkim	46	197	260	497	0	1000	1000	531	552
Tamil Nadu	366	343	64	93	133	1000	867	38880	3189
Tripura	338	470	133	31	27	1000	973	2333	1022
Uttar Pradesh	172	369	275	130	54	1000	946	171575	6748
Uttaranchal	172	162	274	382	10	1000	990	8962	412
West Bengal	297	392	168	130	13	1000	987	69226	3958
Group of UTs	282	307	94	208	110	1000	890	732	484
All-India	293	305	203	165	34	1000	966	893504	51770
estd. no. of hhs (00)	261762	272150	181804	147012	30776	893504	-	-	-
sample no. of hhs	14825	15032	9489	9248	3176	51770	-	-	-

*n.r. includes not applicable cases

Table 6: Per 1000 number of farmer households having a member of (i) a registered farmers' organization and
(ii) a self-help group

State/ UT	number per 1000 of farmer households having a member of a registered farmers' organization	no. of sample hhs reporting the item "whether any member of the household is a member of a registered farmers' organisation?"	number per 1000 of farmer households having a member of a self- help group	no. of sample hhs reporting the item "whether any member of the household is a member of a self- help group?"	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	24	3387	177	3390	60339	3396
Arunachal Pradesh	30	491	25	491	1227	502
Assam	70	2180	82	2181	25040	2187
Bihar	3	3922	8	3924	70804	3970
Chhattisgarh	24	1085	65	1086	27598	1087
Gujarat	59	1321	32	1327	37845	1330
Haryana	0	903	10	919	19445	928
Himachal Pradesh	7	1154	88	1154	9061	1154
Jammu & Kashmir	6	917	2	917	9432	917
Jharkhand	2	1402	28	1403	28238	1405
Karnataka	52	2009	81	2009	40413	2009
Kerala	105	2223	199	2229	21946	2232
Madhya Pradesh	8	2449	27	2449	63206	2455
Maharashtra	22	3303	49	3307	65817	3312
Manipur	3	986	92	986	2146	986
Meghalaya	0	723	185	723	2543	724
Mizoram	182	491	14	496	780	501
Nagaland	7	380	14	380	805	384
Orissa	2	1933	28	1935	42341	1938
Punjab	3	1246	15	1260	18442	1279
Rajasthan	4	2593	6	2594	53080	2596
Sikkim	1	552	18	552	531	552
Tamil Nadu	34	3120	129	3175	38880	3189
Tripura	5	1004	11	1004	2333	1022
Uttar Pradesh	10	6675	15	6695	171575	6748
Uttaranchal	9	412	49	412	8962	412
West Bengal	40	3924	19	3927	69226	3958
Group of UTs	51	483	48	484	732	484
All-India	22	51380	48	51521	893504	51770
sample no. of hhs	1220	-	2810	-	-	-

Table 7: Per 1000 numbers of farmer households liking and not liking farming as a profession

State/ UT	no. of farmer households per 1000 farmer households								no. of hhs	
	liking farming	not liking farming due to reason					n.r.	all	estd. (00)	sample
		not profit-able	lack of social status	risky	others	total				
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	754	167	6	52	17	242	4	1000	60339	3396
Arunachal Pradesh	721	107	29	5	110	250	29	1000	1227	502
Assam	590	212	21	131	45	409	1	1000	25040	2187
Bihar	486	352	22	107	23	505	9	1000	70804	3970
Chhattisgarh	537	242	26	174	21	463	0	1000	27598	1087
Gujarat	668	254	10	50	15	329	3	1000	37845	1330
Haryana	603	299	13	46	24	383	15	1000	19445	928
Himachal Pradesh	649	184	7	122	38	351	0	1000	9061	1154
Jammu & Kashmir	615	209	77	90	9	385	0	1000	9432	917
Jharkhand	528	302	22	89	57	470	2	1000	28238	1405
Karnataka	567	279	11	109	34	433	0	1000	40413	2009
Kerala	666	279	6	20	25	330	4	1000	21946	2232
Madhya Pradesh	595	214	36	114	39	403	2	1000	63206	2455
Maharashtra	607	286	10	74	23	393	0	1000	65817	3312
Manipur	674	282	20	18	4	324	2	1000	2146	986
Meghalaya	774	152	5	61	8	226	0	1000	2543	724
Mizoram	508	341	79	62	5	487	6	1000	780	501
Nagaland	676	268	17	12	15	313	12	1000	805	384
Orissa	531	338	4	89	36	467	1	1000	42341	1938
Punjab	608	272	16	23	57	369	23	1000	18442	1279
Rajasthan	612	215	11	84	78	388	0	1000	53080	2596
Sikkim	646	302	45	5	2	354	0	1000	531	552
Tamil Nadu	689	250	9	39	12	310	1	1000	38880	3189
Tripura	525	202	25	170	56	453	22	1000	2333	1022
Uttar Pradesh	588	240	35	98	32	405	7	1000	171575	6748
Uttaranchal	468	423	8	43	58	532	0	1000	8962	412
West Bengal	538	354	18	47	36	455	7	1000	69226	3958
Group of UTs	656	246	48	19	31	344	0	1000	732	484
All-India	594	265	19	83	33	401	4	1000	893504	51770
estd. no. of persons	531168	234039	17404	73338	29265	358503	3834	893504	-	-
no. of sample persons	30320	13798	1107	4028	1905	21095	355	51770	-	-

* n.r. includes not applicable cases

Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	farmers													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	not literate	literate without formal training	literate but below primary	primary	middle	secondary	higher second- ary	diploma certifi- cate course	gradu- ate	post gra- duate and above	n.r.	all	estd. no. of persons (00)	no. of sample persons
Andhra Pradesh	521	14	91	126	123	84	24	3	12	1	0	1000	85368	4499
Arunachal Pradesh	438	19	94	147	195	77	29	0	1	0	0	1000	847	908
Assam	147	22	124	242	287	114	43	2	15	4	0	1000	41824	3486
Bihar	380	30	91	86	153	153	57	3	40	8	0	1000	107516	5952
Chhattisgarh	349	15	173	204	134	44	52	2	16	11	0	1000	41769	1642
Gujarat	269	2	176	164	192	114	52	5	21	4	0	1000	59335	2067
Haryana	264	7	52	191	162	213	63	4	35	9	0	1000	25156	1217
Himachal Pradesh	162	18	70	206	162	244	83	10	32	14	0	1000	12474	1620
Jammu & Kashmir	417	1	29	145	236	117	27	1	20	7	0	1000	14883	1575
Jharkhand	401	29	138	114	159	94	32	1	29	2	0	1000	42829	2174
Karnataka	354	6	102	138	202	120	40	7	28	2	0	1000	63712	3257
Kerala	62	12	112	226	303	164	25	43	42	10	0	1000	21274	2007
Madhya Pradesh	407	15	138	190	133	54	44	0	13	6	0	1000	98349	4012
Maharashtra	258	7	77	160	267	134	56	11	24	7	0	1000	95240	4832
Manipur	232	33	65	151	220	161	71	5	54	6	1	1000	3179	1466
Meghalaya	151	74	303	286	128	31	20	2	5	0	0	1000	3786	1024
Mizoram	84	39	134	275	348	104	13	1	2	0	0	1000	1412	821
Nagaland	97	0	69	241	303	104	119	4	60	2	0	1000	1876	730
Orissa	364	26	164	112	213	63	25	2	27	2	1	1000	62958	2972
Punjab	365	4	63	135	158	174	70	4	21	6	0	1000	23752	1592
Rajasthan	481	13	87	163	148	60	27	1	10	9	0	1000	73961	3660
Sikkim	293	36	196	236	143	41	33	0	18	3	0	1000	847	908
Tamil Nadu	288	8	115	191	180	110	54	18	26	10	0	1000	47393	3516
Tripura	181	32	258	201	238	57	10	0	19	2	1	1000	3295	1375
Uttar Pradesh	396	11	63	125	204	88	66	2	31	13	0	1000	263179	10398
Uttaranchal	123	3	98	220	258	181	75	5	30	6	0	1000	10307	519
West Bengal	266	48	95	252	191	68	40	1	35	3	1	1000	101817	5802
Group of UTs	237	25	99	221	207	128	24	5	36	16	0	1000	961	660
All-India	351	17	101	157	188	100	48	4	26	7	0	1000	1310535	74428
estd. no. of persons (00)	459573	22183	132613	206120	246375	131679	63045	5846	33602	9208	290	1310535	-	-
no. of sample persons	23671	1382	7663	12359	14423	7964	3718	415	2245	575	13	74428	-	-

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Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	all household members													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	not literate	literate without formal training	literate but below primary	primary	middle	secondary	higher second- ary	diploma certifi- cate course	gradu- ate	post gra- duate and above	n.r.	all	estd. no. of persons (00)	no. of sample persons
Andhra Pradesh	412	10	142	150	149	87	31	4	15	2	0	1000	124325	6814
Arunachal Pradesh	341	15	126	197	212	74	30	0	5	0	0	1000	1264	1387
Assam	122	20	187	243	268	100	40	2	14	4	0	1000	65072	5609
Bihar	325	23	178	119	157	114	47	3	28	6	0	1000	179329	10095
Chhattisgarh	272	11	247	227	128	44	46	3	15	9	0	1000	63541	2617
Gujarat	218	3	224	194	182	103	49	6	17	3	0	1000	91644	3303
Haryana	210	11	158	218	146	158	52	5	30	12	0	1000	50389	2437
Himachal Pradesh	132	13	154	246	150	194	66	9	26	10	0	1000	18989	2503
Jammu & Kashmir	307	1	104	202	215	116	29	2	17	6	0	1000	23951	2630
Jharkhand	325	25	216	143	157	76	29	1	24	1	0	1000	64670	3358
Karnataka	279	6	142	168	212	111	43	9	27	3	0	1000	95130	4991
Kerala	47	7	113	202	314	184	45	38	42	9	0	1000	44097	4596
Madhya Pradesh	331	22	216	207	117	46	43	1	11	4	0	1000	156431	6240
Maharashtra	202	8	122	194	263	120	53	10	21	7	0	1000	147811	7834
Manipur	171	23	122	199	221	144	63	5	46	7	1	1000	5194	2399
Meghalaya	119	53	384	263	129	32	15	1	5	0	0	1000	6042	1629
Mizoram	73	27	151	297	316	107	22	1	5	1	2	1000	2076	1221
Nagaland	59	0	168	271	289	86	87	3	36	1	0	1000	2786	1149
Orissa	305	23	199	138	211	64	25	2	29	3	1	1000	90180	4364
Punjab	283	3	160	185	145	138	62	4	14	6	0	1000	51205	3512
Rajasthan	361	13	195	186	136	57	28	2	14	8	0	1000	127581	6571
Sikkim	225	25	303	221	127	45	34	0	18	2	0	1000	1264	1387
Tamil Nadu	219	6	136	222	192	113	57	18	27	9	0	1000	76651	6247
Tripura	139	27	303	214	224	57	18	0	14	2	1	1000	5613	2403
Uttar Pradesh	322	10	173	155	181	72	50	2	24	10	1	1000	431796	17543
Uttaranchal	101	11	206	226	229	132	61	4	26	4	0	1000	18491	899
West Bengal	211	42	155	272	190	62	33	1	30	3	0	1000	163168	9599
Group of UTs	171	21	131	242	219	129	42	8	27	10	0	1000	1689	1212
All-India	280	15	174	184	181	89	44	5	22	6	0	1000	2112333	124218
estd. no. of persons (00)	590818	32095	367108	388407	383238	187917	92308	9589	47283	13105	465	2112333	-	-
no. of sample persons	30977	1963	21351	23579	23490	12129	5799	717	3337	847	29	124218	-	-

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Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	farmers													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	not literate	literate without formal training	literate but below primary	primary	middle	secondary	higher second- ary	diploma certifi- cate course	gradu- ate	post gra- duate and above	n.r.	all	estd. no. of persons (00)	no. of sample persons
Andhra Pradesh	793	6	52	73	54	19	3	0	1	0	0	1000	71054	3610
Arunachal Pradesh	579	30	82	125	117	55	13	0	0	0	0	1000	676	697
Assam	286	37	146	217	233	65	9	1	5	0	1	1000	17148	1505
Bihar	844	13	53	29	38	17	3	0	2	0	0	1000	33852	1884
Chhattisgarh	711	8	80	127	50	14	8	0	1	0	0	1000	37682	1474
Gujarat	624	1	102	121	87	44	14	3	2	1	0	1000	50710	1758
Haryana	687	5	28	114	67	65	24	0	6	2	0	1000	23202	1118
Himachal Pradesh	385	20	61	203	116	137	61	4	9	3	1	1000	14527	1795
Jammu & Kashmir	688	1	24	93	126	56	9	0	3	0	0	1000	12094	1076
Jharkhand	816	12	58	40	51	14	7	0	1	0	0	1000	30751	1507
Karnataka	658	13	79	95	103	39	9	2	2	0	0	1000	46358	2312
Kerala	146	12	99	213	335	123	20	24	28	1	0	1000	13825	1438
Madhya Pradesh	778	13	79	76	39	7	7	0	1	0	0	1000	68304	2821
Maharashtra	543	5	59	157	181	41	13	0	1	0	0	1000	83592	4130
Manipur	479	21	86	140	147	70	17	0	36	4	0	1000	2793	1200
Meghalaya	245	63	379	205	84	16	4	3	1	0	0	1000	3163	850
Mizoram	105	83	176	208	340	80	7	0	2	0	0	1000	1204	721
Nagaland	143	5	138	238	259	116	80	7	12	0	0	1000	1689	667
Orissa	778	4	86	49	67	10	4	0	0	0	1	1000	41236	1753
Punjab	519	6	57	171	102	117	16	2	9	0	0	1000	22638	1563
Rajasthan	846	8	46	60	29	6	3	0	1	1	0	1000	74273	3547
Sikkim	506	10	179	150	94	39	21	0	1	0	0	1000	676	697
Tamil Nadu	570	6	77	140	114	50	32	3	6	1	0	1000	41760	3234
Tripura	406	36	279	135	126	12	5	0	0	0	0	1000	1274	461
Uttar Pradesh	811	4	28	66	57	20	12	0	3	0	0	1000	146440	5606
Uttaranchal	540	3	75	171	131	43	21	0	13	3	0	1000	12572	569
West Bengal	563	38	90	186	86	19	9	0	8	0	1	1000	25651	1369
Group of UTs	575	17	62	168	116	48	13	0	0	2	0	1000	776	455
All-India	692	9	64	102	85	32	11	1	3	0	0	1000	881044	49722
estd. no. of persons (00)	609686	7988	56397	89556	75119	28043	10040	934	2790	378	113	881044	-	-
no. of sample persons	31088	617	3785	6008	5093	2062	713	68	243	37	8	49722	-	-

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Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	all household members													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	not literate	literate without formal training	literate but below primary	primary	middle	secondary	higher second- ary	diploma certifi- cate course	gradu- ate	post gra- duate and above	n.r.	all	estd. no. of persons (00)	no. of sample persons
Andhra Pradesh	624	5	112	123	84	41	7	0	3	0	0	1000	119460	6552
Arunachal Pradesh	470	25	134	159	142	57	12	0	1	0	0	1000	1203	1298
Assam	259	27	206	222	199	61	14	0	9	1	1	1000	55695	4726
Bihar	612	16	140	91	80	45	8	0	5	0	1	1000	163395	9123
Chhattisgarh	562	7	166	165	61	21	14	0	3	1	1	1000	61770	2502
Gujarat	506	4	155	146	108	51	21	2	6	1	0	1000	85153	3108
Haryana	483	5	144	179	73	74	28	1	10	3	0	1000	47585	2282
Himachal Pradesh	321	15	133	219	118	117	63	3	8	3	1	1000	21307	2693
Jammu & Kashmir	533	2	118	149	118	59	15	0	6	0	0	1000	22929	2387
Jharkhand	656	17	154	76	71	16	7	2	1	0	0	1000	59021	3106
Karnataka	490	8	114	149	152	58	20	3	6	0	0	1000	92546	4796
Kerala	97	8	102	192	313	154	58	22	43	10	1	1000	47298	4876
Madhya Pradesh	592	16	190	122	55	11	10	0	3	1	0	1000	140943	5698
Maharashtra	417	6	107	179	203	61	21	1	5	0	0	1000	141788	7534
Manipur	366	16	125	180	162	82	32	2	30	4	1	1000	4999	2288
Meghalaya	169	44	410	232	113	20	9	2	2	0	0	1000	5453	1546
Mizoram	92	61	200	210	306	101	23	0	5	0	2	1000	1921	1098
Nagaland	96	3	184	280	251	101	62	4	18	0	0	1000	2558	1082
Orissa	566	6	149	98	131	32	8	0	8	2	1	1000	87146	4234
Punjab	408	3	128	189	105	109	39	2	14	2	0	1000	44368	3102
Rajasthan	690	9	148	94	42	9	5	0	2	1	0	1000	125652	6432
Sikkim	359	9	271	196	103	32	23	0	6	0	1	1000	1203	1298
Tamil Nadu	423	5	110	171	144	74	48	6	14	5	0	1000	73969	6131
Tripura	293	55	301	147	160	26	8	0	6	1	2	1000	4799	2036
Uttar Pradesh	605	9	139	108	80	31	19	0	6	1	1	1000	407875	16680
Uttaranchal	418	6	151	188	137	49	31	0	16	4	0	1000	19622	963
West Bengal	392	41	153	223	131	39	11	0	8	1	1	1000	148444	8803
Group of UTs	380	10	111	183	191	62	29	7	19	6	0	1000	1583	1099
All-India	525	12	143	140	109	44	18	1	7	1	0	1000	1991615	117186
estd. no. of persons (00)	1046084	23915	284037	278015	216593	87698	35344	2685	13827	2585	833	1991615	-	-
no. of sample persons	55039	1609	17124	17996	14699	6356	2682	235	1134	256	56	117186	-	-

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Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	not literate (2)	literate without formal training (3)	literate but below primary (4)	primary (5)	middle (6)	secondary (7)	higher second- ary (8)	diploma certifi- cate course (9)	gradu- ate (10)	post graduate and above (11)	n.r. (12)	all (13)	estd. no. of persons (00) (14)	no. of sample persons (15)
Andhra Pradesh	645	10	74	102	92	54	15	2	7	0	0	1000	156422	8109
Arunachal Pradesh	505	24	88	136	158	67	21	0	1	0	0	1000	1523	1605
Assam	188	26	131	235	271	100	33	2	12	3	0	1000	58972	4991
Bihar	491	26	82	72	126	120	44	2	31	6	0	1000	141367	7836
Chhattisgarh	521	12	129	167	94	30	31	1	9	6	0	1000	79451	3116
Gujarat	433	2	142	144	144	81	35	4	13	3	0	1000	110045	3825
Haryana	467	6	40	154	116	142	45	2	21	6	0	1000	48358	2335
Himachal Pradesh	282	19	65	205	137	187	71	6	20	8	1	1000	27001	3415
Jammu & Kashmir	539	1	27	122	187	90	19	1	13	4	0	1000	26976	2651
Jharkhand	575	22	104	83	114	61	21	1	17	1	0	1000	73581	3681
Karnataka	482	9	92	120	160	86	27	5	17	1	0	1000	110070	5569
Kerala	95	12	107	221	316	148	23	35	36	6	0	1000	35099	3445
Madhya Pradesh	559	14	114	144	95	34	28	0	8	3	0	1000	166653	6833
Maharashtra	391	6	68	159	227	90	36	6	13	4	0	1000	178832	8962
Manipur	347	28	75	146	186	119	46	3	45	5	0	1000	5973	2666
Meghalaya	194	69	337	249	108	24	13	2	3	0	0	1000	6948	1874
Mizoram	94	59	153	244	344	93	10	1	2	0	0	1000	2615	1542
Nagaland	120	3	104	239	281	110	100	6	36	1	0	1000	3565	1397
Orissa	527	18	133	87	155	42	17	1	16	2	1	1000	104193	4725
Punjab	440	5	60	152	131	146	44	3	15	3	0	1000	46389	3155
Rajasthan	664	11	67	111	88	33	15	1	5	5	0	1000	148234	7207
Sikkim	387	24	189	198	121	40	28	0	10	2	0	1000	1523	1605
Tamil Nadu	420	7	97	167	149	82	44	11	16	6	0	1000	89153	6750
Tripura	244	33	264	183	207	44	9	0	13	1	1	1000	4569	1836
Uttar Pradesh	544	9	50	104	151	64	47	2	21	8	0	1000	409620	16004
Uttaranchal	352	3	86	193	188	105	46	2	21	4	0	1000	22879	1088
West Bengal	326	46	94	238	170	58	34	1	29	2	1	1000	127467	7171
Group of UTs	388	21	82	197	167	92	19	3	20	10	0	1000	1737	1115
All-India	488	14	86	135	147	73	33	3	17	4	0	1000	2191579	124150
estd. no. of persons (00)	1069259	30170	189010	295676	321494	159722	73086	6780	36392	9586	402	2191579	-	-
no. of sample persons	54759	1999	11448	18367	19516	10026	4431	483	2488	612	21	124150	-	-

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Table 8: Per 1000 distribution of persons in farmer households aged 7 years and above by level of education

State/ UT	all household members													
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)
	not literate	literate without formal training	literate but below primary	primary	middle	secondary	higher second- ary	diploma certifi- cate course	gradu- ate	post gra- duate and above	n.r.	all	estd. no. of persons (00)	no. of sample persons
Andhra Pradesh	516	7	127	136	117	64	19	2	9	1	0	1000	243785	13366
Arunachal Pradesh	403	20	130	179	179	66	21	0	3	0	0	1000	2468	2685
Assam	185	23	196	233	236	82	28	1	12	2	0	1000	120767	10335
Bihar	462	20	160	105	120	81	28	2	17	3	0	1000	342723	19218
Chhattisgarh	415	9	207	197	95	33	30	1	9	5	0	1000	125311	5119
Gujarat	357	3	191	171	146	78	36	4	12	2	0	1000	176797	6411
Haryana	343	8	151	199	111	117	40	3	20	8	0	1000	97974	4719
Himachal Pradesh	232	14	143	232	133	153	65	6	17	6	0	1000	40296	5196
Jammu & Kashmir	417	1	111	176	167	88	22	1	12	3	0	1000	46881	5017
Jharkhand	483	21	186	111	116	47	19	2	13	1	0	1000	123691	6464
Karnataka	383	7	128	159	183	85	32	6	17	2	0	1000	187676	9787
Kerala	73	8	108	197	313	168	52	30	42	9	0	1000	91395	9472
Madhya Pradesh	455	20	204	167	87	29	28	1	7	3	0	1000	297374	11938
Maharashtra	307	7	115	186	233	91	38	6	13	4	0	1000	289600	15368
Manipur	266	19	123	190	192	114	48	3	38	5	1	1000	10193	4687
Meghalaya	143	49	396	248	121	26	12	1	3	0	0	1000	11495	3175
Mizoram	82	44	174	255	311	104	22	0	5	0	2	1000	3998	2319
Nagaland	77	2	176	275	270	93	75	4	27	1	0	1000	5344	2231
Orissa	433	14	174	119	171	49	17	1	18	2	1	1000	177326	8598
Punjab	341	3	145	187	126	125	51	3	14	4	0	1000	95573	6614
Rajasthan	524	11	172	140	89	33	17	1	8	5	0	1000	253233	13003
Sikkim	291	17	288	209	116	38	28	0	12	1	0	1000	2468	2685
Tamil Nadu	319	6	123	197	168	94	53	12	21	7	0	1000	150620	12378
Tripura	210	40	302	183	194	43	13	0	10	1	1	1000	10413	4439
Uttar Pradesh	459	9	156	132	132	53	35	1	16	6	1	1000	839671	34223
Uttaranchal	264	8	178	207	181	89	45	2	21	4	0	1000	38113	1862
West Bengal	298	42	154	248	162	51	23	1	19	2	1	1000	311613	18402
Group of UTs	273	16	122	213	206	96	36	8	23	8	0	1000	3272	2311
All-India	399	14	159	162	146	67	31	3	15	4	0	1000	4103948	241404
estd. no. of persons (00)	1636901	56010	651145	666422	599831	275615	127652	12274	61110	15690	1297	4103948	-	-
no. of sample persons	86016	3572	38475	41575	38189	18485	8481	952	4471	1103	85	241404	-	-

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Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Andhra Pradesh

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	94.80	97.98	72.67	95.07	872	52643	2701
orchards	4.05	0.70	24.83	3.75	52	3156	233
dairy	0.26	0.03	0.80	0.24	324	19577	1024
farming of goat, sheep etc.	0.06	0.00	0.58	0.05	43	2584	220
piggery	0.00	0.00	0.04	0.00	1	52	10
poultry/duckery	0.01	0.00	0.00	0.01	21	1274	65
fishery	0.78	1.28	0.94	0.84	11	693	38
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.04	0.00	0.14	0.04	72	4365	158
total	100.00	100.00	100.00	100.00	971	58580	3245
estd. no. of hhs (00)	55632	8485	1534	58580	--	--	--
sample no. of hhs	3021	513	112	3245	--	--	--
season: rabi							
cultivation	91.38	95.94	57.08	91.94	473	28560	1481
orchards	6.11	1.82	32.64	5.56	43	2619	198
dairy	0.52	0.07	1.32	0.45	351	21211	1102
farming of goat, sheep etc.	0.14	0.00	1.54	0.12	46	2803	230
piggery	0.00	0.00	0.08	0.00	2	101	11
poultry/duckery	0.03	0.00	0.00	0.02	22	1332	71
fishery	1.76	2.16	7.17	1.86	11	680	34
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.05	0.00	0.17	0.04	72	4358	152
total	100.00	100.00	100.00	100.00	716	43211	2389
estd. no. of hhs (00)	40613	5729	1181	43211	--	--	--
sample no. of hhs	2200	349	89	2389	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Arunachal Pradesh

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	97.90	100.00	93.99	98.10	965	1184	479
orchards	0.59	0.00	6.00	0.74	58	71	36
dairy	0.04	0.00	0.00	0.03	12	15	5
farming of goat, sheep etc.	0.02	0.00	0.01	0.02	11	14	8
piggery	0.80	0.00	0.01	0.62	77	94	32
poultry/duckery	0.19	0.00	0.00	0.15	69	85	26
fishery	0.03	0.00	0.00	0.02	6	8	3
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.42	0.00	0.00	0.33	23	29	7
total	100.00	100.00	100.00	100.00	965	1184	480
estd. no. of hhs (00)	1077	83	69	1184	--	--	--
sample no. of hhs	442	41	28	480	--	--	--
season: rabi							
cultivation	98.39	100.00	89.80	98.25	901	1111	460
orchards	0.38	0.00	10.18	0.68	45	55	36
dairy	0.02	0.00	0.00	0.02	8	9	4
farming of goat, sheep etc.	0.01	0.00	0.00	0.01	10	13	6
piggery	0.89	0.00	0.01	0.77	72	89	28
poultry/duckery	0.25	0.00	0.00	0.22	66	82	24
fishery	0.02	0.00	0.00	0.02	2	2	3
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.03	0.00	0.00	0.02	7	9	4
total	100.00	100.00	100.00	100.00	888	1096	457
estd. no. of hhs (00)	984	89	94	1096	--	--	--
sample no. of hhs	416	39	35	457	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Assam

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	96.43	99.84	93.97	96.62	973	24375	2092
orchards	2.88	0.09	4.48	2.72	196	4912	382
dairy	0.13	0.00	0.56	0.12	201	5029	365
farming of goat, sheep etc.	0.01	0.00	0.20	0.01	58	1451	103
piggery	0.01	0.00	0.09	0.01	25	622	39
poultry/duckery	0.10	0.00	0.57	0.09	235	5876	458
fishery	0.43	0.07	0.12	0.41	44	1096	89
bee-keeping	0.00	0.00	0.00	0.00	1	24	1
farming of other animals	0.01	0.00	0.00	0.01	15	366	27
total	100.00	100.00	100.00	100.00	997	24953	2177
estd. no. of hhs (00)	24194	2069	623	24953	--	--	--
sample no. of hhs	2078	200	74	2177	--	--	--
season: rabi							
cultivation	94.69	99.80	97.49	94.90	867	21703	1815
orchards	4.08	0.00	0.00	3.91	175	4393	338
dairy	0.22	0.00	0.94	0.21	220	5520	427
farming of goat, sheep etc.	0.03	0.00	0.43	0.03	70	1765	130
piggery	0.03	0.00	0.05	0.03	25	637	42
poultry/duckery	0.17	0.00	0.90	0.17	269	6732	532
fishery	0.77	0.19	0.21	0.74	47	1165	94
bee-keeping	0.00	0.00	0.00	0.00	1	24	1
farming of other animals	0.01	0.00	0.00	0.00	6	145	12
total	100.00	100.00	100.00	100.00	915	22911	1961
estd. no. of hhs (00)	22346	908	481	22911	--	--	--
sample no. of hhs	1878	101	59	1961	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Bihar

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	96.74	99.83	89.99	97.09	942	66728	3566
orchards	2.56	0.14	7.57	2.28	100	7099	362
dairy	0.58	0.02	1.79	0.51	311	22010	1191
farming of goat, sheep etc.	0.01	0.00	0.04	0.01	13	946	69
piggery	0.00	0.00	0.09	0.00	4	261	20
poultry/duckery	0.00	0.00	0.01	0.00	7	484	29
fishery	0.01	0.00	0.00	0.01	1	48	5
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.11	0.00	0.52	0.10	75	5315	284
total	100.00	100.00	100.00	100.00	981	69444	3873
estd. no. of hhs (00)	66721	12353	664	69444	--	--	--
sample no. of hhs	3663	694	43	3873	--	--	--
season: rabi							
cultivation	97.22	99.17	90.43	97.41	956	67696	3590
orchards	2.05	0.82	7.56	1.93	85	6019	312
dairy	0.63	0.01	1.44	0.57	337	23866	1273
farming of goat, sheep etc.	0.01	0.00	0.05	0.01	17	1218	87
piggery	0.00	0.00	0.08	0.00	4	250	18
poultry/duckery	0.00	0.00	0.00	0.00	8	570	30
fishery	0.01	0.00	0.00	0.01	1	49	6
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.07	0.01	0.44	0.07	76	5382	274
total	100.00	100.00	100.00	100.00	993	70282	3901
estd. no. of hhs (00)	68189	11028	545	70282	--	--	--
sample no. of hhs	3723	639	34	3901	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

					Chhattisgarh		
season: kharif							
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	99.28	94.74	99.97	98.98	996	27499	1081
orchards	0.57	0.46	0.03	0.55	16	438	23
dairy	0.01	0.00	0.00	0.01	21	581	20
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	11	307	11
piggery	0.00	0.00	0.00	0.00	8	211	4
poultry/duckery	0.00	0.00	0.00	0.00	9	257	8
fishery	0.00	4.80	0.00	0.33	1	16	1
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.13	0.00	0.00	0.12	107	2963	116
total	100.00	100.00	100.00	100.00	998	27538	1083
estd. no. of hhs (00)	26982	3151	1027	27538	--	--	--
sample no. of hhs	1051	136	35	1083	--	--	--
season: rabi							
cultivation	99.32	83.39	100.00	98.49	606	16721	659
orchards	0.55	3.67	0.00	0.71	10	287	13
dairy	0.10	0.00	0.00	0.09	49	1364	50
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	2	62	2
piggery	0.00	0.00	0.00	0.00	1	30	2
poultry/duckery	0.00	0.00	0.00	0.00	10	272	10
fishery	0.00	12.94	0.00	0.68	1	16	1
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.02	0.00	0.00	0.02	48	1316	50
total	100.00	100.00	100.00	100.00	646	17823	698
estd. no. of hhs (00)	17341	1113	268	17823	--	--	--
sample no. of hhs	676	44	10	698	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Gujarat

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	99.16	99.98	97.23	99.17	882	33385	1035
orchards	0.63	0.00	0.00	0.61	22	833	31
dairy	0.20	0.02	2.20	0.21	643	24332	801
farming of goat, sheep etc.	0.00	0.00	0.55	0.01	48	1826	71
piggery	0.00	0.00	0.00	0.00	0	0	0
poultry/duckery	0.00	0.00	0.00	0.00	8	300	10
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.03	0.01	55	2098	55
total	100.00	100.00	100.00	100.00	996	37686	1311
estd. no. of hhs (00)	36473	1056	1630	37686	--	--	--
sample no. of hhs	1255	47	66	1311	--	--	--
season: rabi							
cultivation	98.70	99.99	80.81	98.73	576	21795	687
orchards	0.96	0.00	0.00	0.93	19	723	29
dairy	0.32	0.01	15.50	0.32	679	25715	847
farming of goat, sheep etc.	0.02	0.00	3.52	0.02	64	2435	82
piggery	-	-	-	-	-	-	0
poultry/duckery	0.00	0.00	0.00	0.00	12	453	14
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.17	0.01	39	1468	36
total	100.00	100.00	100.00	100.00	902	34142	1162
estd. no. of hhs (00)	33020	771	1537	34142	--	--	--
sample no. of hhs	1109	32	65	1162	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Haryana

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	98.77	99.97	99.75	99.00	708	13760	630
orchards	0.35	0.00	0.00	0.28	3	61	3
dairy	0.83	0.03	0.16	0.67	907	17645	836
farming of goat, sheep etc.	0.01	0.00	0.06	0.01	33	639	32
piggery	0.00	0.00	0.00	0.00	2	46	2
poultry/duckery	0.00	0.00	0.00	0.00	5	96	6
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.04	0.00	0.04	0.03	17	334	14
total	100.00	100.00	100.00	100.00	992	19296	913
estd. no. of hhs (00)	18978	2419	314	19296	--	--	--
sample no. of hhs	895	139	20	913	--	--	--
season: rabi							
cultivation	98.61	99.98	99.27	98.87	664	12915	593
orchards	0.45	0.00	0.00	0.36	5	93	4
dairy	0.91	0.01	0.64	0.75	916	17807	839
farming of goat, sheep etc.	0.02	0.00	0.09	0.02	26	511	26
piggery	0.01	0.00	0.00	0.01	9	167	6
poultry/duckery	0.00	0.00	0.00	0.00	5	107	6
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.00	0.00	0.00	0.00	7	130	7
total	100.00	100.00	100.00	100.00	986	19177	907
estd. no. of hhs (00)	18932	2410	410	19177	--	--	--
sample no. of hhs	894	135	19	907	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

					Himachal Pradesh		
season: kharif							
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	89.59	97.76	91.28	89.93	971	8795	1120
orchards	8.95	1.91	6.94	8.64	183	1658	209
dairy	0.93	0.33	0.00	0.88	614	5559	735
farming of goat, sheep etc.	0.25	0.00	0.00	0.23	71	643	94
piggery	0.00	0.00	0.00	0.00	1	13	1
poultry/duckery	0.00	0.00	0.00	0.00	4	33	7
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.00	0.00	0.00	0	3	1
farming of other animals	0.28	0.00	1.78	0.32	168	1522	172
total	100.00	100.00	100.00	100.00	996	9020	1148
estd. no. of hhs (00)	8935	714	554	9020	--	--	--
sample no. of hhs	1129	97	65	1148	--	--	--
season: rabi							
cultivation	91.68	99.98	94.54	92.04	987	8940	1109
orchards	7.00	0.00	5.46	6.72	155	1408	180
dairy	0.68	0.02	0.00	0.64	676	6129	779
farming of goat, sheep etc.	0.44	0.00	0.00	0.41	92	835	112
piggery	0.00	0.00	0.00	0.00	1	7	1
poultry/duckery	0.00	0.00	0.00	0.00	6	56	11
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.20	0.00	0.00	0.19	164	1484	149
total	100.00	100.00	100.00	100.00	998	9038	1130
estd. no. of hhs (00)	9013	675	306	9038	--	--	--
sample no. of hhs	1119	84	41	1130	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Jammu & Kashmir

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	89.93	100.00	92.45	89.97	968	9128	875
orchards	8.92	0.00	5.43	8.88	142	1340	174
dairy	0.68	0.00	2.13	0.68	701	6611	595
farming of goat, sheep etc.	0.18	0.00	0.00	0.18	99	938	60
piggery	0.00	0.00	0.00	0.00	0	4	1
poultry/duckery	0.07	0.00	0.00	0.07	131	1231	133
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.22	0.00	0.00	0.22	259	2447	110
total	100.00	100.00	100.00	100.00	1000	9428	915
estd. no. of hhs (00)	9394	94	36	9428	--	--	--
sample no. of hhs	912	7	6	915	--	--	--
season: rabi							
cultivation	91.19	99.54	92.45	91.22	969	9139	865
orchards	7.31	0.00	5.43	7.29	104	979	148
dairy	1.02	0.00	2.13	1.02	734	6926	623
farming of goat, sheep etc.	0.18	0.00	0.00	0.18	88	830	58
piggery	0.00	0.00	0.00	0.00	1	9	1
poultry/duckery	0.08	0.00	0.00	0.08	152	1436	155
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.22	0.46	0.00	0.22	249	2352	101
total	100.00	100.00	100.00	100.00	999	9425	905
estd. no. of hhs (00)	9379	93	36	9425	--	--	--
sample no. of hhs	902	6	6	905	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Jharkhand

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	99.08	100.00	99.50	99.10	988	27895	1374
orchards	0.43	0.00	0.00	0.42	19	543	41
dairy	0.06	0.00	0.00	0.06	54	1529	106
farming of goat, sheep etc.	0.35	0.00	0.00	0.34	62	1747	94
piggery	0.01	0.00	0.00	0.01	6	156	8
poultry/duckery	0.01	0.00	0.00	0.01	23	650	38
fishery	0.01	0.00	0.00	0.01	3	78	6
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.06	0.00	0.50	0.06	35	983	75
total	100.00	100.00	100.00	100.00	992	28018	1392
estd. no. of hhs (00)	27957	818	26	28018	--	--	--
sample no. of hhs	1390	39	2	1392	--	--	--
season: rabi							
cultivation	99.04	99.96	0.00	99.05	662	18686	908
orchards	0.58	0.00	0.00	0.57	11	304	22
dairy	0.16	0.04	0.00	0.16	99	2800	180
farming of goat, sheep etc.	0.08	0.00	0.00	0.08	83	2348	127
piggery	0.00	0.00	0.00	0.00	3	72	5
poultry/duckery	0.02	0.00	30.23	0.02	22	620	42
fishery	0.03	0.00	0.00	0.03	3	78	6
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.08	0.00	69.77	0.08	70	1976	128
total	100.00	100.00	100.00	100.00	699	19737	985
estd. no. of hhs (00)	19726	225	20	19737	--	--	--
sample no. of hhs	980	13	2	985	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Karnataka

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	92.16	99.50	75.34	92.47	943	38093	1798
orchards	7.74	0.50	23.02	7.43	174	7051	358
dairy	0.07	0.00	0.06	0.06	209	8453	477
farming of goat, sheep etc.	0.02	0.00	1.58	0.02	35	1408	82
piggery	0.00	0.00	0.00	0.00	4	142	6
poultry/duckery	0.01	0.00	0.00	0.01	16	649	38
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.00	0.01	74	2978	123
total	100.00	100.00	100.00	100.00	993	40112	1975
estd. no. of hhs (00)	39631	1781	351	40112	--	--	--
sample no. of hhs	1952	105	25	1975	--	--	--
season: rabi							
cultivation	84.91	87.51	61.81	84.99	572	23112	1133
orchards	14.44	0.18	35.64	13.65	182	7348	361
dairy	0.53	12.30	0.09	1.24	255	10290	554
farming of goat, sheep etc.	0.04	0.00	2.46	0.05	39	1579	86
piggery	0.00	0.00	0.00	0.00	5	193	9
poultry/duckery	0.02	0.00	0.00	0.02	22	892	48
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.06	0.00	0.00	0.06	85	3416	146
total	100.00	100.00	100.00	100.00	755	30515	1532
estd. no. of hhs (00)	29977	1445	253	30515	--	--	--
sample no. of hhs	1510	75	19	1532	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Kerala

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	23.71	77.26	18.25	26.49	442	9702	854
orchards	75.22	22.44	80.80	72.47	847	18581	1679
dairy	0.75	0.19	0.58	0.72	285	6254	742
farming of goat, sheep etc.	0.08	0.09	0.32	0.08	55	1215	159
piggery	0.01	0.01	0.00	0.01	3	76	4
poultry/duckery	0.15	0.02	0.05	0.15	129	2838	268
fishery	0.08	0.00	0.00	0.07	1	13	3
bee-keeping	0.00	0.00	0.00	0.00	1	19	2
farming of other animals	0.00	0.00	0.00	0.00	2	50	6
total	100.00	100.00	100.00	100.00	999	21922	2227
estd. no. of hhs (00)	21483	1455	361	21922	--	--	--
sample no. of hhs	2182	143	47	2227	--	--	--
season: rabi							
cultivation	22.66	73.25	15.16	24.81	449	9876	870
orchards	76.32	25.96	83.80	74.18	800	17574	1569
dairy	0.75	0.19	0.53	0.72	303	6656	734
farming of goat, sheep etc.	0.09	0.11	0.35	0.09	72	1573	172
piggery	0.00	0.07	0.00	0.01	3	74	3
poultry/duckery	0.17	0.01	0.16	0.16	160	3506	305
fishery	0.00	0.39	0.00	0.02	0	2	2
bee-keeping	0.00	0.00	0.00	0.00	3	68	2
farming of other animals	0.01	0.01	0.00	0.01	4	85	8
total	100.00	100.00	100.00	100.00	993	21824	2166
estd. no. of hhs (00)	21503	1176	218	21824	--	--	--
sample no. of hhs	2134	120	36	2166	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

					Madhya Pradesh		
season: kharif							
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	98.71	99.66	99.90	98.76	903	57060	2349
orchards	0.77	0.00	0.05	0.73	24	1504	73
dairy	0.37	0.01	0.05	0.35	233	14704	562
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	24	1518	67
piggery	0.00	0.00	0.00	0.00	5	301	10
poultry/duckery	0.00	0.00	0.00	0.00	6	354	13
fishery	0.03	0.32	0.00	0.04	1	82	3
bee-keeping	0.02	0.00	0.00	0.02	1	38	3
farming of other animals	0.10	0.01	0.00	0.09	128	8118	316
total	100.00	100.00	100.00	100.00	897	56677	2328
estd. no. of hhs (00)	55215	3984	1903	56677	--	--	--
sample no. of hhs	2276	161	67	2328	--	--	--
season: rabi							
cultivation	99.15	98.70	99.86	99.14	821	52168	1988
orchards	0.40	0.00	0.12	0.39	19	1182	59
dairy	0.29	0.00	0.01	0.28	272	17294	662
farming of goat, sheep etc.	0.01	0.00	0.00	0.01	35	2193	92
piggery	0.00	0.00	0.00	0.00	4	236	8
poultry/duckery	0.00	0.00	0.00	0.00	3	177	9
fishery	0.00	1.30	0.00	0.03	1	61	2
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.15	0.00	0.01	0.14	176	11197	425
total	100.00	100.00	100.00	100.00	901	57214	2152
estd. no. of hhs (00)	56724	2788	823	57214	--	--	--
sample no. of hhs	2128	110	31	2152	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Maharashtra

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	98.22	99.88	99.53	98.30	958	63053	3007
orchards	1.48	0.11	0.00	1.41	28	1870	125
dairy	0.08	0.01	0.30	0.08	186	12215	678
farming of goat, sheep etc.	0.02	0.00	0.07	0.02	44	2917	193
piggery	0.00	0.00	0.00	0.00	0	14	6
poultry/duckery	0.00	0.00	0.04	0.00	29	1877	84
fishery	0.00	0.01	0.00	0.00	0	1	1
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.19	0.00	0.06	0.18	45	2957	131
total	100.00	100.00	100.00	100.00	987	64934	3255
estd. no. of hhs (00)	63326	3503	1188	64934	--	--	--
sample no. of hhs	3145	185	65	3255	--	--	--
season: rabi							
cultivation	97.25	99.94	98.47	97.35	543	35722	1645
orchards	2.43	0.00	0.00	2.33	18	1213	73
dairy	0.24	0.04	0.32	0.23	186	12242	645
farming of goat, sheep etc.	0.01	0.00	0.21	0.01	32	2132	172
piggery	0.00	0.00	0.00	0.00	0	8	4
poultry/duckery	0.01	0.00	0.00	0.01	22	1451	69
fishery	0.00	0.01	0.00	0.00	0	1	1
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.06	0.00	0.99	0.06	37	2451	101
total	100.00	100.00	100.00	100.00	636	41852	2063
estd. no. of hhs (00)	40792	1216	722	41852	--	--	--
sample no. of hhs	2005	77	34	2063	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Manipur

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	95.96	99.17	56.19	96.29	975	2093	952
orchards	0.10	0.00	0.00	0.08	14	30	14
dairy	0.02	0.00	0.01	0.02	31	67	29
farming of goat, sheep etc.	0.42	0.00	0.00	0.36	19	40	19
piggery	0.06	0.00	0.00	0.06	120	257	100
poultry/duckery	0.54	0.00	0.00	0.47	232	499	215
fishery	2.84	0.83	0.00	2.57	29	62	27
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.06	0.00	43.80	0.14	128	275	113
total	100.00	100.00	100.00	100.00	999	2144	979
estd. no. of hhs (00)	1994	295	11	2144	--	--	--
sample no. of hhs	903	137	6	979	--	--	--
season: rabi							
cultivation	84.16	93.21	99.89	84.85	555	1191	553
orchards	0.40	0.17	0.00	0.38	13	29	13
dairy	0.08	0.00	0.11	0.07	26	55	23
farming of goat, sheep etc.	1.79	0.00	0.00	1.65	18	39	17
piggery	0.19	0.00	0.00	0.17	117	250	94
poultry/duckery	2.27	0.00	0.00	2.09	242	519	233
fishery	10.91	6.61	0.00	10.58	26	57	24
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.21	0.00	0.00	0.19	130	278	117
total	100.00	100.00	100.00	100.00	610	1308	613
estd. no. of hhs (00)	1277	48	8	1308	--	--	--
sample no. of hhs	595	24	4	613	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif							Meghalaya
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	56.47	87.94	0.00	59.28	835	2122	591
orchards	43.34	12.05	0.00	40.54	473	1202	315
dairy	0.06	0.01	0.00	0.06	95	241	70
farming of goat, sheep etc.	0.01	0.00	0.00	0.01	38	96	19
piggery	0.05	0.00	0.00	0.04	140	355	81
poultry/duckery	0.04	0.00	0.00	0.04	94	239	55
fishery	0.03	0.00	0.00	0.03	5	13	7
bee-keeping	0.00	0.00	0.00	0.00	12	30	4
farming of other animals	0.00	0.00	0.00	0.00	5	14	3
total	100.00	100.00	0.00	100.00	999	2541	722
estd. no. of hhs (00)	2410	430	0	2541	--	--	--
sample no. of hhs	677	116	0	722	--	--	--
season: rabi							
cultivation	40.07	83.56	0.00	43.65	720	1831	520
orchards	59.69	16.43	0.00	56.14	491	1247	325
dairy	0.07	0.01	0.00	0.06	75	190	60
farming of goat, sheep etc.	0.01	0.00	0.00	0.01	35	90	17
piggery	0.07	0.00	0.00	0.06	135	344	77
poultry/duckery	0.04	0.00	0.00	0.04	75	191	46
fishery	0.04	0.00	0.00	0.04	5	13	7
bee-keeping	0.00	0.00	0.00	0.00	9	24	3
farming of other animals	0.00	0.00	0.00	0.00	5	14	3
total	100.00	100.00	0.00	100.00	974	2477	700
estd. no. of hhs (00)	2384	344	0	2477	--	--	--
sample no. of hhs	663	96	0	700	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Mizoram

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	95.87	98.67	100.00	95.92	993	775	493
orchards	1.80	0.00	0.00	1.77	25	20	11
dairy	0.36	0.00	0.00	0.36	32	25	13
farming of goat, sheep etc.	0.10	0.00	0.00	0.09	24	19	16
piggery	1.20	0.65	0.00	1.19	274	213	112
poultry/duckery	0.66	0.67	0.00	0.66	218	170	110
fishery	0.00	0.00	0.00	0.00	1	1	2
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.00	0.01	4	3	1
total	100.00	100.00	100.00	100.00	1000	780	500
estd. no. of hhs (00)	769	8	23	780	--	--	--
sample no. of hhs	494	7	14	500	--	--	--
season: rabi							
cultivation	95.75	99.19	100.00	95.81	992	779	477
orchards	1.86	0.00	0.00	1.83	28	22	9
dairy	0.27	0.00	0.00	0.27	19	15	10
farming of goat, sheep etc.	0.12	0.00	0.00	0.12	32	25	15
piggery	1.30	0.41	0.00	1.29	265	208	101
poultry/duckery	0.68	0.40	0.00	0.67	230	181	107
fishery	0.00	0.00	0.00	0.00	3	3	2
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.00	0.01	5	4	1
total	100.00	100.00	100.00	100.00	998	784	483
estd. no. of hhs (00)	772	15	11	784	--	--	--
sample no. of hhs	476	10	4	483	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Nagaland

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	76.11	100.00	100.00	76.12	942	759	333
orchards	23.68	0.00	0.00	23.68	558	450	170
dairy	0.01	0.00	0.00	0.01	28	22	9
farming of goat, sheep etc.	-	-	-	-	-	-	0
piggery	0.10	0.00	0.00	0.10	452	364	162
poultry/duckery	0.09	0.00	0.00	0.09	347	279	117
fishery	0.00	0.00	0.00	0.00	1	0	2
bee-keeping	0.00	0.00	0.00	0.00	2	1	3
farming of other animals	-	-	-	-	-	-	0
total	100.00	100.00	100.00	100.00	998	804	382
estd. no. of hhs (00)	800	3	1	804	--	--	--
sample no. of hhs	376	5	1	382	--	--	--
season: rabi							
cultivation	74.85	100.00	100.00	74.86	963	776	341
orchards	24.96	0.00	0.00	24.96	550	443	168
dairy	0.02	0.00	0.00	0.02	35	28	10
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	3	2	2
piggery	0.09	0.00	0.00	0.09	409	330	143
poultry/duckery	0.08	0.00	0.00	0.08	272	219	91
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.00	0.00	0.00	0	0	1
farming of other animals	0.00	0.00	0.00	0.00	0	0	1
total	100.00	100.00	100.00	100.00	999	804	379
estd. no. of hhs (00)	800	5	1	804	--	--	--
sample no. of hhs	370	9	1	379	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Orissa

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	99.29	98.25	99.88	99.14	991	41976	1881
orchards	0.58	1.57	0.02	0.72	22	939	49
dairy	0.05	0.01	0.05	0.04	125	5303	268
farming of goat, sheep etc.	0.02	0.00	0.01	0.02	55	2343	105
piggery	0.00	0.00	0.05	0.00	4	156	10
poultry/duckery	0.01	0.00	0.00	0.01	34	1443	57
fishery	0.04	0.14	0.00	0.05	4	153	10
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.03	0.00	0.01	1	22	3
total	100.00	100.00	100.00	100.00	999	42278	1928
estd. no. of hhs (00)	39067	10095	1988	42278	--	--	--
sample no. of hhs	1764	450	84	1928	--	--	--
season: rabi							
cultivation	98.93	97.36	99.31	98.60	528	22364	1136
orchards	0.59	2.42	0.00	0.98	15	652	35
dairy	0.14	0.01	0.27	0.11	156	6612	312
farming of goat, sheep etc.	0.05	0.00	0.05	0.04	61	2580	106
piggery	0.00	0.00	0.21	0.00	4	171	12
poultry/duckery	0.02	0.00	0.00	0.02	36	1523	69
fishery	0.24	0.22	0.00	0.23	3	106	11
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.02	0.00	0.16	0.02	17	726	25
total	100.00	100.00	100.00	100.00	643	27230	1345
estd. no. of hhs (00)	25351	6126	865	27230	--	--	--
sample no. of hhs	1238	295	45	1345	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed
 season: kharif Punjab

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	97.99	99.68	98.10	98.28	550	10150	611
orchards	0.92	0.00	0.00	0.76	16	304	9
dairy	1.08	0.32	1.90	0.95	950	17525	1219
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	14	264	25
piggery	0.00	0.00	0.00	0.00	0	3	1
poultry/duckery	0.00	0.00	0.00	0.00	6	103	8
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.00	0.00	0.00	0	4	1
farming of other animals	0.00	0.00	0.00	0.00	3	49	2
total	100.00	100.00	100.00	100.00	987	18205	1256
estd. no. of hhs (00)	17811	2295	343	18205	--	--	--
sample no. of hhs	1216	164	29	1256	--	--	--
season: rabi							
cultivation	98.41	99.64	86.61	98.60	554	10232	611
orchards	0.53	0.00	0.00	0.45	5	87	3
dairy	1.06	0.36	13.32	0.95	958	17678	1205
farming of goat, sheep etc.	0.00	0.00	0.00	0.00	4	80	12
piggery	0.00	0.00	0.07	0.00	0	3	1
poultry/duckery	0.00	0.00	0.00	0.00	4	68	8
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.00	0.00	0.00	0	4	1
farming of other animals	0.00	0.00	0.00	0.00	3	54	2
total	100.00	100.00	100.00	100.00	977	18033	1231
estd. no. of hhs (00)	17816	2240	159	18033	--	--	--
sample no. of hhs	1198	150	23	1231	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed
 season: kharif Rajasthan

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	98.77	99.55	99.80	98.82	944	50117	2301
orchards	0.36	0.00	0.00	0.34	8	448	38
dairy	0.55	0.43	0.01	0.55	577	30643	1453
farming of goat, sheep etc.	0.20	0.01	0.06	0.19	197	10453	530
piggery	0.00	0.00	0.00	0.00	1	39	4
poultry/duckery	0.00	0.00	0.00	0.00	7	376	16
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.12	0.00	0.13	0.11	67	3575	156
total	100.00	100.00	100.00	100.00	995	52829	2571
estd. no. of hhs (00)	52598	2202	55	52829	--	--	--
sample no. of hhs	2548	126	8	2571	--	--	--
season: rabi							
cultivation	98.12	99.97	99.16	98.28	639	33922	1488
orchards	0.65	0.00	0.00	0.59	9	494	33
dairy	0.88	0.02	0.20	0.80	691	36678	1707
farming of goat, sheep etc.	0.30	0.00	0.50	0.28	265	14076	688
piggery	0.00	0.00	0.00	0.00	1	47	7
poultry/duckery	0.00	0.00	0.00	0.00	9	475	20
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.05	0.00	0.14	0.04	52	2737	126
total	100.00	100.00	100.00	100.00	921	48899	2348
estd. no. of hhs (00)	48733	1956	31	48899	--	--	--
sample no. of hhs	2329	90	8	2348	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Sikkim

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	86.29	91.22	96.46	86.81	995	528	542
orchards	13.13	8.07	0.00	12.59	190	101	103
dairy	0.46	0.58	2.83	0.47	599	318	310
farming of goat, sheep etc.	0.06	0.08	0.71	0.06	192	102	96
piggery	0.02	0.01	0.00	0.02	85	45	44
poultry/duckery	0.04	0.03	0.00	0.04	150	80	92
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.00	0.00	0.00	0.00	2	1	1
total	100.00	100.00	100.00	100.00	1000	531	552
estd. no. of hhs (00)	485	88	3	531	--	--	--
sample no. of hhs	493	94	4	552	--	--	--
season: rabi							
cultivation	89.44	92.56	95.69	89.83	992	527	507
orchards	9.43	6.68	0.00	9.08	61	32	34
dairy	0.83	0.56	3.45	0.80	718	382	352
farming of goat, sheep etc.	0.15	0.14	0.86	0.15	278	148	140
piggery	0.05	0.03	0.00	0.05	101	54	50
poultry/duckery	0.09	0.03	0.00	0.08	144	76	92
fishery	0.00	0.00	0.00	0.00	6	3	1
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.01	0.00	0.00	0.00	2	1	1
total	100.00	100.00	100.00	100.00	997	530	517
estd. no. of hhs (00)	477	84	3	530	--	--	--
sample no. of hhs	458	81	4	517	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Tamil Nadu

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	85.88	94.01	46.87	86.46	785	30535	1884
orchards	13.38	5.90	52.11	12.87	163	6320	404
dairy	0.60	0.06	0.73	0.56	458	17819	1495
farming of goat, sheep etc.	0.09	0.01	0.25	0.08	169	6576	672
piggery	0.00	0.00	0.00	0.00	3	135	13
poultry/duckery	0.03	0.01	0.03	0.03	72	2784	198
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.01	0.00	0.00	0	8	1
farming of other animals	0.01	0.00	0.01	0.01	19	750	51
total	100.00	100.00	100.00	100.00	992	38561	3135
estd. no. of hhs (00)	37171	4453	719	38561	--	--	--
sample no. of hhs	2963	280	75	3135	--	--	--
season: rabi							
cultivation	78.73	90.34	13.26	79.41	488	19003	1228
orchards	20.03	9.49	85.41	19.43	148	5740	367
dairy	1.03	0.12	0.91	0.96	475	18466	1510
farming of goat, sheep etc.	0.15	0.02	0.38	0.14	193	7526	713
piggery	0.00	0.00	0.00	0.00	4	150	14
poultry/duckery	0.05	0.01	0.04	0.05	74	2876	201
fishery	-	-	-	-	-	-	0
bee-keeping	0.00	0.00	0.00	0.00	1	30	1
farming of other animals	0.01	0.01	0.00	0.01	18	685	43
total	100.00	100.00	100.00	100.00	862	33547	2783
estd. no. of hhs (00)	32542	2715	542	33547	--	--	--
sample no. of hhs	2653	182	61	2783	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

Tripura

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	89.64	97.79	90.67	90.78	949	2214	934
orchards	5.89	2.21	9.29	5.54	124	290	103
dairy	0.19	0.00	0.00	0.16	278	649	224
farming of goat, sheep etc.	0.10	0.00	0.00	0.08	97	227	55
piggery	0.17	0.00	0.02	0.14	132	308	84
poultry/duckery	0.22	0.00	0.00	0.18	196	457	151
fishery	3.66	0.00	0.00	3.01	197	460	138
bee-keeping	0.00	0.00	0.00	0.00	0	0	1
farming of other animals	0.13	0.00	0.01	0.10	129	302	106
total	100.00	100.00	100.00	100.00	992	2315	1011
estd. no. of hhs (00)	2168	435	78	2315	--	--	--
sample no. of hhs	923	195	25	1011	--	--	--
season: rabi							
cultivation	80.24	94.81	47.98	80.40	632	1476	603
orchards	11.38	5.09	51.98	12.34	107	249	89
dairy	0.54	0.09	0.00	0.48	337	787	267
farming of goat, sheep etc.	0.26	0.00	0.00	0.23	127	297	73
piggery	0.28	0.00	0.00	0.25	148	344	92
poultry/duckery	0.51	0.00	0.00	0.45	234	545	181
fishery	6.64	0.00	0.00	5.75	183	428	135
bee-keeping	0.01	0.00	0.00	0.00	3	7	4
farming of other animals	0.13	0.01	0.03	0.12	160	374	159
total	100.00	100.00	100.00	100.00	818	1908	773
estd. no. of hhs (00)	1856	154	28	1908	--	--	--
sample no. of hhs	736	96	10	773	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

Uttar Pradesh							
season: kharif							
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	96.92	99.01	91.80	97.14	907	155625	5753
orchards	2.27	0.27	6.48	2.06	62	10592	467
dairy	0.69	0.01	0.93	0.62	575	98652	3908
farming of goat, sheep etc.	0.02	0.00	0.80	0.02	56	9525	404
piggery	0.00	0.00	0.00	0.00	4	656	43
poultry/duckery	0.00	0.00	0.00	0.00	7	1267	53
fishery	0.02	0.70	0.00	0.09	1	182	6
bee-keeping	0.00	0.00	0.00	0.00	0	4	1
farming of other animals	0.08	0.00	0.00	0.07	68	11647	432
total	100.00	100.00	100.00	100.00	978	167749	6532
estd. no. of hhs (00)	165180	24518	1231	167749	--	--	--
sample no. of hhs	6423	854	63	6532	--	--	--
season: rabi							
cultivation	97.37	98.03	92.43	97.43	913	156675	5710
orchards	1.77	0.94	5.87	1.69	53	9066	401
dairy	0.72	0.32	0.81	0.68	638	109448	4248
farming of goat, sheep etc.	0.05	0.00	0.89	0.05	77	13237	530
piggery	0.00	0.00	0.00	0.00	4	630	44
poultry/duckery	0.00	0.00	0.00	0.00	9	1462	65
fishery	0.01	0.70	0.00	0.08	1	173	7
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.08	0.01	0.00	0.07	85	14589	514
total	100.00	100.00	100.00	100.00	979	167991	6436
estd. no. of hhs (00)	166024	24716	924	167991	--	--	--
sample no. of hhs	6345	847	44	6436	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif							Uttaranchal
activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	97.95	100.00	95.68	97.96	972	8707	389
orchards	1.08	0.00	0.00	1.05	72	649	34
dairy	0.85	0.00	4.32	0.88	754	6757	291
farming of goat, sheep etc.	0.07	0.00	0.00	0.06	81	730	29
piggery	0.00	0.00	0.00	0.00	0	2	1
poultry/duckery	0.02	0.00	0.00	0.02	20	176	8
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.03	0.00	0.00	0.03	26	234	9
total	100.00	100.00	100.00	100.00	982	8798	404
estd. no. of hhs (00)	8619	197	197	8798	--	--	--
sample no. of hhs	393	16	11	404	--	--	--
season: rabi							
cultivation	95.98	100.00	93.83	96.03	963	8628	374
orchards	2.67	0.00	0.00	2.58	52	468	27
dairy	1.22	0.00	6.17	1.27	821	7358	318
farming of goat, sheep etc.	0.08	0.00	0.00	0.07	88	784	30
piggery	0.00	0.00	0.00	0.00	4	34	2
poultry/duckery	0.01	0.00	0.00	0.01	12	110	8
fishery	-	-	-	-	-	-	0
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.04	0.00	0.00	0.03	25	226	7
total	100.00	100.00	100.00	100.00	983	8805	392
estd. no. of hhs (00)	8554	266	197	8805	--	--	--
sample no. of hhs	380	16	11	392	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

West Bengal

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	95.99	90.22	99.20	95.40	925	64006	3473
orchards	1.86	0.69	0.00	1.74	66	4573	289
dairy	0.23	0.01	0.24	0.21	175	12147	691
farming of goat, sheep etc.	0.04	0.00	0.00	0.03	50	3467	197
piggery	0.00	0.00	0.00	0.00	2	161	14
poultry/duckery	0.06	0.00	0.44	0.05	62	4291	292
fishery	1.81	9.08	0.12	2.56	120	8334	480
bee-keeping	0.00	0.00	0.00	0.00	0	10	1
farming of other animals	0.00	0.00	0.00	0.00	7	486	24
total	100.00	100.00	100.00	100.00	976	67554	3839
estd. no. of hhs (00)	64529	11383	601	67554	--	--	--
sample no. of hhs	3610	620	42	3839	--	--	--
season: rabi							
cultivation	95.22	90.82	97.80	94.78	792	54819	2933
orchards	2.07	0.75	2.06	1.94	48	3308	216
dairy	0.28	0.61	0.02	0.32	180	12497	693
farming of goat, sheep etc.	0.04	0.00	0.00	0.04	46	3184	175
piggery	0.00	0.00	0.00	0.00	2	169	15
poultry/duckery	0.08	0.01	0.01	0.07	55	3814	252
fishery	2.27	7.81	0.11	2.82	114	7861	443
bee-keeping	0.00	0.00	0.00	0.00	0	16	1
farming of other animals	0.03	0.00	0.00	0.03	9	636	30
total	100.00	100.00	100.00	100.00	865	59874	3355
estd. no. of hhs (00)	57320	9224	446	59874	--	--	--
sample no. of hhs	3176	510	27	3355	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed
 season: kharif

activity	Group of UTs						
	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	90.69	99.65	23.01	89.15	710	520	306
orchards	8.87	0.16	76.74	10.46	152	111	124
dairy	0.30	0.06	0.24	0.27	450	330	164
farming of goat, sheep etc.	0.04	0.00	0.00	0.03	88	64	47
piggery	-	-	-	-	-	-	0
poultry/duckery	0.02	0.00	0.01	0.02	80	59	43
fishery	0.03	0.12	0.00	0.04	4	3	3
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.04	0.01	0.00	0.03	60	44	30
total	100.00	100.00	100.00	100.00	999	731	482
estd. no. of hhs (00)	691	79	20	731	--	--	--
sample no. of hhs	437	43	30	482	--	--	--
season: rabi							
cultivation	84.04	99.47	49.47	84.09	447	327	183
orchards	15.29	0.25	50.26	15.31	151	111	116
dairy	0.36	0.09	0.26	0.32	398	291	156
farming of goat, sheep etc.	0.05	0.00	0.00	0.04	83	61	49
piggery	-	-	-	-	-	-	0
poultry/duckery	0.04	0.00	0.01	0.03	91	66	50
fishery	0.16	0.19	0.00	0.16	5	4	4
bee-keeping	-	-	-	-	-	-	0
farming of other animals	0.05	0.00	0.00	0.04	77	56	33
total	100.00	100.00	100.00	100.00	828	606	398
estd. no. of hhs (00)	579	53	19	606	--	--	--
sample no. of hhs	373	26	22	398	--	--	--

Table 9: Percentage distribution of farmed land possessed by type of agricultural activity for different categories of land possessed

season: kharif

All India

activity	owned and possessed	leased in	otherwise possessed	total	no. per 1000 of hhs reporting activity	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	96.07	98.23	94.68	96.22	900	804089	43495
orchards	3.27	0.76	4.64	3.09	84	75290	5892
dairy	0.37	0.07	0.34	0.35	375	335070	18295
farming of goat, sheep etc.	0.05	0.00	0.16	0.05	58	52056	3477
piggery	0.00	0.00	0.01	0.00	5	4689	814
poultry/duckery	0.01	0.00	0.02	0.01	32	28231	2601
fishery	0.14	0.92	0.05	0.20	13	11243	824
bee-keeping	0.00	0.00	0.00	0.00	0	141	19
farming of other animals	0.08	0.00	0.11	0.07	58	51936	2529
total	100.00	100.00	100.00	100.00	980	875321	50723
estd. no. of hhs (00)	850876	98571	15557	875321	--	--	--
sample no. of hhs	48711	5624	1048	50723	--	--	--
season: rabi							
cultivation	94.90	97.04	88.89	95.05	717	641231	34543
orchards	4.20	1.23	9.38	3.98	74	66353	5216
dairy	0.54	0.66	0.69	0.55	412	368397	19607
farming of goat, sheep etc.	0.07	0.00	0.41	0.06	70	62429	3950
piggery	0.01	0.00	0.02	0.01	5	4607	790
poultry/duckery	0.02	0.00	0.02	0.02	33	29814	2751
fishery	0.20	1.05	0.44	0.27	12	10701	783
bee-keeping	0.00	0.00	0.00	0.00	0	173	14
farming of other animals	0.07	0.00	0.14	0.06	63	56153	2656
total	100.00	100.00	100.00	100.00	863	771755	44268
estd. no. of hhs (00)	753732	77616	10131	771755	--	--	--
sample no. of hhs	42770	4258	745	44268	--	--	--

Table 9-SG: Percentage distribution of farmed land possessed by type of agricultural activity for different social groups

season: kharif						All-India	
activity	Scheduled tribes	Scheduled castes	Other backward classes	Others	All	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	97.06	97.62	96.04	95.71	96.22	804089	43495
orchards	2.43	1.5	3.23	3.62	3.09	75290	5892
dairy	0.17	0.42	0.43	0.3	0.35	335070	18295
farming of goat, sheep etc.	0.08	0.05	0.04	0.05	0.05	52056	3477
piggery	0.02	0.01	0	0	0	4689	814
poultry/duckery	0.02	0.01	0.01	0.02	0.01	28231	2601
fishery	0.1	0.34	0.17	0.25	0.2	11243	824
bee-keeping	0.01	0	0	0	0	141	19
farming of other animals	0.1	0.04	0.09	0.06	0.07	51936	2529
total	100	100	100	100	100	875321	50723
estd. no. of hhs (00)	118385	150658	364161	241134	875321	--	--
sample no. of hhs	7898	8786	19630	14332	50723	--	--
season: rabi							
cultivation	94.48	97.15	94.98	94.71	95.05	641231	34543
orchards	4.47	1.84	4.01	4.39	3.98	66353	5216
dairy	0.65	0.51	0.6	0.49	0.55	368397	19607
farming of goat, sheep etc.	0.06	0.1	0.09	0.03	0.06	62429	3950
piggery	0.04	0	0	0	0.01	4607	790
poultry/duckery	0.04	0.02	0.01	0.02	0.02	29814	2751
fishery	0.17	0.31	0.25	0.3	0.27	10701	783
bee-keeping	0	0	0	0	0	173	14
farming of other animals	0.09	0.06	0.06	0.06	0.06	56153	2656
total	100	100	100	100	100	771755	44268
estd. no. of hhs (00)	87046	136144	325951	221672	771755	--	--
sample no. of hhs	6310	7762	17281	12849	44268	--	--

Table 9-SI: Percentage distribution of farmed land possessed by type of agricultural activity for farmer households with different sources of income

season: kharif

All-India

activity	source of income					estd. no. of hhs (00)	sample no. of hhs
	cultiva-tion	farming other than cultiva-tion	other agricul-tural activities	others	all		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
cultivation	97.17	82.28	84.4	95.18	96.22	804089	43495
orchards	2.3	14.49	13.58	3.89	3.09	75290	5892
dairy	0.3	0.75	0.58	0.48	0.35	335070	18295
farming of goat, sheep etc.	0.02	0.23	0.43	0.11	0.05	52056	3477
piggery	0	0.02	0.01	0	0	4689	814
poultry/duckery	0.01	0.06	0.03	0.02	0.01	28231	2601
fishery	0.12	2.13	0.94	0.2	0.2	11243	824
bee-keeping	0	0	0	0.01	0	141	19
farming of other animals	0.07	0.03	0.03	0.1	0.07	51936	2529
total	100	100	100	100	100	875321	50723
estd. no. of hhs (00)	507677	26551	33235	306887	875321	--	--
sample no. of hhs	26207	2171	2178	20118	50723	--	--
season: rabi							
cultivation	96.46	65.04	80.55	93.13	95.05	641231	34543
orchards	2.81	28.4	17.26	5.49	3.98	66353	5216
dairy	0.48	1.8	0.6	0.8	0.55	368397	19607
farming of goat, sheep etc.	0.03	0.46	0.2	0.15	0.06	62429	3950
piggery	0.01	0.01	0.01	0.01	0.01	4607	790
poultry/duckery	0.01	0.13	0.05	0.03	0.02	29814	2751
fishery	0.15	3.87	1.29	0.3	0.27	10701	783
bee-keeping	0	0	0	0	0	173	14
farming of other animals	0.05	0.29	0.04	0.09	0.06	56153	2656
total	100	100	100	100	100	771755	44268
estd. no. of hhs (00)	456305	24456	29013	261012	771755	--	--
sample no. of hhs	23364	2023	1867	16966	44268	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Andhra Pradesh													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
< 0.01		2.11	0.75	70.87	17.99	1.43	2.60	0.00	0.00	4.25	100.00	16.38	557
0.01 - 0.40		95.45	2.59	0.75	0.19	0.00	0.01	0.98	0.00	0.02	100.00	2313.86	1019
0.40 - 1.00		94.80	2.88	0.20	0.07	0.00	0.01	2.03	0.00	0.02	100.00	13820.03	785
1.01 - 2.00		95.78	3.50	0.19	0.04	0.00	0.00	0.42	0.00	0.07	100.00	15810.70	552
2.01 - 4.00		95.67	3.21	0.22	0.00	0.00	0.02	0.84	0.00	0.04	100.00	19586.68	355
4.01 - 10.00		95.92	3.72	0.25	0.09	0.00	0.00	0.00	0.00	0.02	100.00	13705.78	117
10.00 +		87.57	11.18	0.07	0.02	0.00	0.00	1.15	0.00	0.01	100.00	4052.95	11
all sizes		95.07	3.75	0.24	0.05	0.00	0.01	0.84	0.00	0.04	100.00	69306.38	3396
estd. Area (ha 00)		65887.99	2602.23	166.28	37.22	0.25	6.26	580.00	0.00	26.15	69306.38	--	--
sample no. of hhs		2701	234	1036	228	10	73	38	0	178	3256	--	--
season: rabi													
< 0.01		1.24	0.13	77.58	9.73	0.54	1.16	0.00	0.00	9.62	100.00	45.81	1639
0.01 - 0.40		85.68	9.08	2.34	1.31	0.02	0.33	1.12	0.00	0.12	100.00	1427.62	610
0.40 - 1.00		91.80	4.35	0.30	0.11	0.00	0.00	3.40	0.00	0.03	100.00	8330.14	532
1.01 - 2.00		93.83	5.10	0.34	0.06	0.00	0.01	0.63	0.00	0.03	100.00	8051.70	306
2.01 - 4.00		90.37	6.88	0.18	0.00	0.00	0.01	2.53	0.00	0.03	100.00	7473.71	166
4.01 - 10.00		95.67	4.12	0.13	0.03	0.00	0.00	0.04	0.00	0.01	100.00	5583.63	66
10.00 +		78.54	15.03	0.27	0.00	0.00	0.00	6.16	0.00	0.00	100.00	758.00	6
all sizes		91.94	5.56	0.45	0.12	0.00	0.02	1.86	0.00	0.04	100.00	31670.60	3325
estd. area (ha 00)		29117.33	1760.85	143.45	39.41	0.51	6.77	588.08	0.00	14.20	31670.60	--	--
sample no. of hhs		1481	201	1129	233	11	91	34	0	178	2421	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Arunachal Pradesh														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	<0.01		90.72	4.89	0.00	0.00	0.28	0.00	0.00	0.00	4.11	100.00	0.38	53
	0.01 - 0.40		90.78	8.35	0.39	0.02	0.47	0.00	0.00	0.00	0.00	100.00	27.84	80
	0.40 - 1.00		98.34	1.16	0.05	0.06	0.15	0.24	0.00	0.00	0.00	100.00	247.20	136
	1.01 - 2.00		98.28	0.88	0.05	0.02	0.28	0.30	0.05	0.00	0.14	100.00	582.50	163
	2.01 - 4.00		95.82	0.09	0.00	0.00	2.59	0.01	0.02	0.00	1.47	100.00	300.48	49
	4.01 - 10.00		99.61	0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	308.69	18
	10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	133.56	3
	all sizes		98.10	0.74	0.03	0.02	0.62	0.15	0.02	0.00	0.33	100.00	1600.65	502
	estd. Area (ha 00)		1570.16	11.79	0.53	0.29	9.94	2.37	0.32	0.00	5.24	1600.65	--	--
	sample no. of hhs		479	36	5	8	32	26	3	0	7	480	--	--
season: rabi														
	<0.01		95.33	3.96	0.00	0.00	0.38	0.00	0.00	0.00	0.33	100.00	0.29	72
	0.01 - 0.40		90.81	6.85	0.62	0.33	0.83	0.17	0.00	0.00	0.40	100.00	40.75	115
	0.40 - 1.00		98.13	1.36	0.00	0.01	0.07	0.42	0.01	0.00	0.00	100.00	243.86	128
	1.01 - 2.00		98.93	0.30	0.00	0.00	0.36	0.38	0.00	0.00	0.03	100.00	431.59	116
	2.01 - 4.00		96.36	0.06	0.00	0.00	3.44	0.02	0.10	0.00	0.01	100.00	226.33	46
	4.01 - 10.00		99.51	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	243.95	17
	10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	93.11	2
	all sizes		98.25	0.68	0.02	0.01	0.77	0.22	0.02	0.00	0.02	100.00	1279.88	496
	estd. area (ha 00)		1257.49	8.74	0.26	0.17	9.88	2.79	0.25	0.00	0.30	1279.88	--	--
	sample no. of hhs		460	36	4	6	28	24	3	0	4	463	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Assam												
season: kharif												
size class of land possessed (hectares)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
multi-plantation	orchards and plantations	dairy	farming of goat, sheep, etc.	piggery	poultry/duckery	fish-ery	bee-keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
< 0.01	66.65	0.19	1.00	6.59	1.04	22.74	0.00	0.00	1.79	100.00	1.44	55
0.01 - 0.40	94.91	3.74	0.29	0.02	0.01	0.47	0.56	0.00	0.00	100.00	1951.90	912
0.40 - 1.00	97.21	1.99	0.12	0.02	0.02	0.07	0.56	0.01	0.01	100.00	6635.35	604
1.01 - 2.00	97.60	1.84	0.10	0.01	0.01	0.05	0.39	0.00	0.00	100.00	7275.60	480
2.01 - 4.00	97.18	2.50	0.09	0.01	0.00	0.03	0.17	0.00	0.01	100.00	4658.62	125
4.01 - 10.00	77.60	21.79	0.06	0.01	0.00	0.01	0.53	0.00	0.00	100.00	539.69	11
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0
all sizes	96.62	2.72	0.12	0.01	0.01	0.09	0.41	0.00	0.01	100.00	21062.60	2187
estd. Area (ha 00)	20351.02	572.76	25.40	2.82	2.61	19.48	86.60	0.51	1.40	21062.60	--	--
sample no. of hhs	2092	382	365	103	39	460	89	1	27	2180	--	--
season: rabi												
< 0.01	57.37	2.62	13.17	5.33	0.60	19.33	0.93	0.00	0.65	100.00	4.04	329
0.01 - 0.40	92.35	5.80	0.39	0.06	0.05	0.47	0.87	0.00	0.01	100.00	2105.12	1171
0.40 - 1.00	96.30	2.22	0.19	0.03	0.01	0.16	1.08	0.01	0.00	100.00	4078.61	397
1.01 - 2.00	96.56	2.50	0.16	0.01	0.05	0.07	0.64	0.00	0.00	100.00	3665.02	226
2.01 - 4.00	96.64	2.98	0.20	0.03	0.01	0.06	0.07	0.00	0.01	100.00	1885.67	53
4.01 - 10.00	70.77	28.47	0.03	0.01	0.00	0.00	0.72	0.00	0.00	100.00	397.91	6
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0
all sizes	94.90	3.91	0.21	0.03	0.03	0.17	0.74	0.00	0.00	100.00	12136.37	2182
estd. area (ha 00)	11517.28	474.08	26.00	3.83	3.48	20.60	89.99	0.51	0.59	12136.37	--	--
sample no. of hhs	1815	338	428	130	43	535	94	1	12	1962	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Bihar														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		45.29	0.03	40.23	4.93	1.41	2.27	0.00	0.00	5.84	100.00	11.45	447
	0.01 - 0.40		97.22	1.78	0.74	0.02	0.00	0.01	0.04	0.00	0.19	100.00	6422.06	1910
	0.40 - 1.00		97.82	1.60	0.50	0.01	0.00	0.00	0.00	0.00	0.07	100.00	13587.02	831
	1.01 - 2.00		97.23	2.31	0.30	0.00	0.00	0.00	0.00	0.00	0.15	100.00	11434.08	578
	2.01 - 4.00		96.60	3.21	0.16	0.00	0.00	0.00	0.01	0.00	0.02	100.00	7980.44	163
	4.01 - 10.00		95.10	4.01	0.87	0.00	0.00	0.00	0.00	0.00	0.02	100.00	4034.27	35
	10.00 +		97.21	0.86	1.90	0.00	0.00	0.00	0.00	0.00	0.03	100.00	1625.13	6
	all sizes		97.09	2.28	0.51	0.01	0.00	0.00	0.01	0.00	0.10	100.00	45094.44	3970
	estd. Area (ha 00)		43782.35	1029.33	232.08	3.42	0.31	0.94	3.11	0.00	42.90	45094.44	--	--
	sample no. of hhs		3566	362	1197	79	21	33	5	0	284	3878	--	--
season: rabi														
	< 0.01		49.79	0.00	33.48	6.75	1.52	1.70	0.05	0.00	6.72	100.00	10.72	413
	0.01 - 0.40		96.41	2.55	0.82	0.04	0.00	0.01	0.04	0.00	0.14	100.00	6694.89	1943
	0.40 - 1.00		98.11	1.26	0.53	0.01	0.00	0.00	0.00	0.00	0.08	100.00	13487.30	856
	1.01 - 2.00		97.95	1.63	0.36	0.01	0.00	0.00	0.00	0.00	0.05	100.00	10695.28	546
	2.01 - 4.00		97.10	2.36	0.52	0.00	0.00	0.00	0.00	0.00	0.02	100.00	7983.85	168
	4.01 - 10.00		95.77	3.24	0.95	0.00	0.00	0.00	0.01	0.00	0.03	100.00	3616.99	29
	10.00 +		98.05	1.84	0.12	0.00	0.00	0.00	0.00	0.00	0.00	100.00	908.37	4
	all sizes		97.41	1.93	0.57	0.01	0.00	0.00	0.01	0.00	0.07	100.00	43397.41	3959
	estd. area (ha 00)		42274.65	837.69	246.32	5.50	0.30	0.83	3.09	0.00	29.03	43397.41	--	--
	sample no. of hhs		3590	312	1292	92	18	33	6	0	274	3902	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: kharif													Chhattisgarh	
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
		culti- vati- on	or- chards and plan- ta- tions	dairy	farm- ing of goat, sheep, etc.	pig- gery	poul- try/ duck- ery	fish- ery	bee- keep- ing	farm- ing of other ani- mals	total	estd. Area (ha 00)	sample no. of hhs	
<0.01		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.64	11	
0.01 - 0.40		99.17	0.47	0.15	0.01	0.00	0.07	0.00	0.00	0.13	100.00	1245.76	221	
0.40 - 1.00		99.50	0.42	0.01	0.00	0.01	0.00	0.00	0.00	0.06	100.00	6284.90	388	
1.01 - 2.00		99.50	0.41	0.00	0.01	0.00	0.00	0.00	0.00	0.08	100.00	9714.57	174	
2.01 - 4.00		99.74	0.12	0.01	0.00	0.00	0.00	0.00	0.00	0.14	100.00	10908.43	211	
4.01 - 10.00		96.31	1.70	0.00	0.00	0.00	0.00	1.77	0.00	0.22	100.00	6762.92	75	
10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1326.78	7	
all sizes		98.98	0.55	0.01	0.00	0.00	0.00	0.33	0.00	0.12	100.00	36244.00	1087	
estd. Area (ha 00)		35874.79	200.20	4.03	1.36	0.46	1.24	119.62	0.00	42.29	36244.00	--	--	
sample no. of hhs		1081	23	20	11	4	9	1	0	117	1083	--	--	
season: rabi														
<0.01		10.12	0.00	27.18	0.69	0.00	4.64	0.00	0.00	57.37	100.00	3.02	416	
0.01 - 0.40		99.69	0.11	0.17	0.00	0.00	0.00	0.00	0.00	0.02	100.00	1166.02	179	
0.40 - 1.00		98.75	1.21	0.01	0.00	0.00	0.00	0.00	0.00	0.02	100.00	4091.42	237	
1.01 - 2.00		98.89	1.03	0.06	0.01	0.00	0.00	0.00	0.00	0.01	100.00	4749.74	107	
2.01 - 4.00		99.84	0.06	0.09	0.00	0.00	0.00	0.00	0.00	0.01	100.00	3874.32	97	
4.01 - 10.00		95.76	0.63	0.20	0.00	0.00	0.00	3.40	0.00	0.00	100.00	3518.45	39	
10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	201.80	2	
all sizes		98.49	0.71	0.09	0.00	0.00	0.00	0.68	0.00	0.02	100.00	17604.78	1077	
estd. area (ha 00)		17339.01	124.58	16.54	0.44	0.15	0.49	119.62	0.00	3.96	17604.78	--	--	
sample no. of hhs		659	13	50	2	2	13	1	0	51	702	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Gujarat													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vati- on	or- chards and plan- ta- tions	dairy	farm- ing of goat, sheep, etc.	pig- gery	poul- try/ duck- ery	fish- ery	bee- keep- ing	farm- ing of other ani- mals	total	estd. Area (ha 00)	sample no. of hhs
< 0.01		10.50	0.00	80.29	8.40	0.00	0.71	0.00	0.00	0.11	100.00	9.91	283
0.01 - 0.40		98.13	0.63	1.17	0.05	0.00	0.01	0.00	0.00	0.02	100.00	1483.18	165
0.40 - 1.00		98.84	0.88	0.23	0.01	0.00	0.00	0.00	0.00	0.03	100.00	6783.64	326
1.01 - 2.00		99.17	0.45	0.36	0.01	0.00	0.00	0.00	0.00	0.01	100.00	10964.74	219
2.01 - 4.00		98.90	0.98	0.12	0.00	0.00	0.00	0.00	0.00	0.00	100.00	13372.67	185
4.01 - 10.00		99.40	0.50	0.10	0.00	0.00	0.00	0.00	0.00	0.00	100.00	20044.09	142
10.00 +		99.97	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	100.00	4424.32	10
all sizes		99.17	0.61	0.21	0.01	0.00	0.00	0.00	0.00	0.01	100.00	57082.56	1330
estd. Area (ha 00)		56606.59	350.28	117.96	3.67	0.00	0.40	0.00	0.00	3.66	57082.56	--	--
sample no. of hhs		1035	31	820	82	0	24	0	0	60	1320	--	--
season: rabi													
< 0.01		1.67	0.00	84.57	7.99	0.00	0.89	0.00	0.00	4.88	100.00	27.08	618
0.01 - 0.40		95.40	2.99	1.48	0.12	0.00	0.00	0.00	0.00	0.01	100.00	1131.65	146
0.40 - 1.00		98.33	1.39	0.22	0.03	0.00	0.01	0.00	0.00	0.02	100.00	4085.83	228
1.01 - 2.00		98.52	0.95	0.51	0.02	0.00	0.00	0.00	0.00	0.00	100.00	6787.85	141
2.01 - 4.00		98.77	1.09	0.14	0.00	0.00	0.00	0.00	0.00	0.00	100.00	9130.53	104
4.01 - 10.00		99.14	0.69	0.17	0.00	0.00	0.00	0.00	0.00	0.00	100.00	13482.78	76
10.00 +		99.95	0.00	0.05	0.00	0.00	0.00	0.00	0.00	0.00	100.00	2886.53	6
all sizes		98.73	0.93	0.32	0.02	0.00	0.00	0.00	0.00	0.01	100.00	37532.25	1319
estd. area (ha 00)		37054.69	348.51	119.48	6.59	0.00	0.55	0.00	0.00	2.43	37532.25	--	--
sample no. of hhs		687	29	850	90	0	24	0	0	36	1162	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Haryana															
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
			multi- vati- on	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
	< 0.01		0.09	0.00	93.44	5.23	0.21	0.43	0.00	0.00	0.60	100.00	21.92	315	
	0.01 - 0.40		95.69	0.00	4.27	0.04	0.00	0.00	0.00	0.00	0.00	100.00	371.56	81	
	0.40 - 1.00		98.97	0.00	1.01	0.01	0.00	0.00	0.00	0.00	0.01	100.00	2841.62	165	
	1.01 - 2.00		99.23	0.00	0.75	0.01	0.00	0.00	0.00	0.00	0.01	100.00	3588.84	101	
	2.01 - 4.00		98.56	0.94	0.47	0.01	0.00	0.00	0.00	0.00	0.02	100.00	7209.29	157	
	4.01 - 10.00		99.57	0.00	0.36	0.00	0.00	0.00	0.00	0.00	0.07	100.00	7814.91	98	
	10.00 +		99.67	0.00	0.33	0.00	0.00	0.00	0.00	0.00	0.00	100.00	2012.04	11	
	all sizes		99.00	0.28	0.67	0.01	0.00	0.00	0.00	0.00	0.03	100.00	23860.19	928	
	estd. Area (ha 00)		23621.83	67.87	160.29	2.62	0.05	0.12	0.00	0.00	7.41	23860.19	--	--	
	sample no. of hhs		630	3	845	32	2	7	0	0	14	924	--	--	
season: rabi															
	< 0.01		0.02	0.00	92.97	6.35	0.22	0.45	0.00	0.00	0.00	100.00	24.17	323	
	0.01 - 0.40		95.63	0.00	4.21	0.15	0.00	0.00	0.00	0.00	0.01	100.00	347.98	80	
	0.40 - 1.00		98.93	0.00	1.05	0.00	0.02	0.00	0.00	0.00	0.00	100.00	2865.10	163	
	1.01 - 2.00		98.85	0.36	0.76	0.01	0.01	0.00	0.00	0.00	0.01	100.00	3605.10	106	
	2.01 - 4.00		98.32	1.02	0.64	0.02	0.01	0.00	0.00	0.00	0.00	100.00	6647.56	148	
	4.01 - 10.00		99.65	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	100.00	7261.77	92	
	10.00 +		99.65	0.00	0.35	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1652.07	11	
	all sizes		98.87	0.36	0.75	0.02	0.01	0.00	0.00	0.00	0.00	100.00	22403.75	923	
	estd. area (ha 00)		22149.62	80.97	167.74	3.49	1.33	0.13	0.00	0.00	0.48	22403.75	--	--	
	sample no. of hhs		593	4	843	26	6	6	0	0	7	910	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Himachal Pradesh														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vati- on	or- chards and plan- ta- tions	dairy	farm- ing of goat, sheep, etc.	pig- gery	poul- try/ duck- ery	fish- ery	bee- keep- ing	farm- ing of other ani- mals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		91.94	3.52	2.85	0.81	0.00	0.00	0.00	0.00	0.88	100.00	0.10	21
	0.01 - 0.40		89.85	7.93	1.62	0.12	0.00	0.00	0.00	0.00	0.48	100.00	1000.66	551
	0.40 - 1.00		91.10	6.84	1.21	0.45	0.00	0.00	0.00	0.00	0.40	100.00	1885.16	285
	1.01 - 2.00		86.45	12.36	0.54	0.25	0.00	0.00	0.00	0.00	0.40	100.00	1875.07	214
	2.01 - 4.00		91.13	8.09	0.61	0.06	0.00	0.00	0.00	0.00	0.11	100.00	1195.17	67
	4.01 - 10.00		93.24	6.48	0.25	0.00	0.01	0.00	0.00	0.00	0.01	100.00	513.81	15
	10.00 +		99.97	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.02	100.00	126.06	1
	all sizes		89.93	8.64	0.88	0.23	0.00	0.00	0.00	0.00	0.32	100.00	6596.03	1154
	estd. Area (ha 00)		5931.77	569.91	57.88	15.11	0.05	0.05	0.00	0.01	21.26	6596.03	--	--
	sample no. of hhs		1120	209	735	95	1	7	0	1	173	1149	--	--
season: rabi														
	< 0.01		25.25	5.06	69.69	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.14	15
	0.01 - 0.40		92.30	5.31	1.71	0.11	0.00	0.00	0.00	0.00	0.57	100.00	974.46	535
	0.40 - 1.00		93.09	5.96	0.70	0.09	0.00	0.00	0.00	0.00	0.15	100.00	1980.03	299
	1.01 - 2.00		88.34	10.92	0.33	0.30	0.00	0.00	0.00	0.00	0.10	100.00	1921.06	214
	2.01 - 4.00		96.58	2.97	0.27	0.06	0.00	0.00	0.00	0.00	0.13	100.00	933.80	57
	4.01 - 10.00		93.27	2.86	0.15	3.72	0.00	0.00	0.00	0.00	0.00	100.00	446.23	14
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		92.04	6.72	0.64	0.41	0.00	0.00	0.00	0.00	0.19	100.00	6255.73	1134
	estd. area (ha 00)		5757.82	420.17	40.20	25.74	0.01	0.07	0.00	0.00	11.71	6255.73	--	--
	sample no. of hhs		1109	180	779	115	1	11	0	0	149	1130	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Jammu & Kashmir														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		0.00	0.00	97.54	0.00	0.00	0.00	0.00	0.00	2.46	100.00	0.74	31
	0.01 - 0.40		88.86	9.53	1.23	0.05	0.00	0.14	0.00	0.00	0.18	100.00	949.73	363
	0.40 - 1.00		92.52	6.59	0.65	0.06	0.00	0.02	0.00	0.00	0.16	100.00	2204.02	311
	1.01 - 2.00		90.87	7.30	0.73	0.52	0.00	0.14	0.00	0.00	0.44	100.00	1869.78	151
	2.01 - 4.00		90.78	8.81	0.28	0.01	0.00	0.01	0.00	0.00	0.10	100.00	1361.34	56
	4.01 - 10.00		54.74	45.09	0.18	0.00	0.00	0.00	0.00	0.00	0.00	100.00	206.97	5
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		89.97	8.88	0.68	0.18	0.00	0.07	0.00	0.00	0.22	100.00	6592.58	917
	estd. Area (ha 00)		5931.33	585.54	44.66	11.54	0.00	4.75	0.00	0.00	14.74	6592.58	--	--
	sample no. of hhs		875	174	599	66	1	149	0	0	110	916	--	--
season: rabi														
	< 0.01		21.90	0.00	72.60	0.00	0.00	4.38	0.00	0.00	1.12	100.00	1.22	39
	0.01 - 0.40		93.92	4.22	1.46	0.05	0.00	0.16	0.00	0.00	0.18	100.00	910.72	361
	0.40 - 1.00		92.82	5.47	0.94	0.47	0.00	0.14	0.00	0.00	0.16	100.00	2197.58	316
	1.01 - 2.00		92.95	6.04	0.55	0.03	0.00	0.02	0.00	0.00	0.42	100.00	1735.95	135
	2.01 - 4.00		90.19	8.14	1.53	0.01	0.00	0.02	0.00	0.00	0.11	100.00	1334.95	54
	4.01 - 10.00		54.74	45.09	0.18	0.00	0.00	0.00	0.00	0.00	0.00	100.00	206.97	5
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		91.22	7.29	1.02	0.18	0.00	0.08	0.00	0.00	0.22	100.00	6387.39	910
	estd. area (ha 00)		5826.31	465.37	65.17	11.40	0.01	5.22	0.00	0.00	13.90	6387.39	--	--
	sample no. of hhs		865	148	629	66	1	160	0	0	102	907	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Jharkhand															
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
			culti- vati- on	or- chards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keep- ing	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
	< 0.01		89.94	0.00	1.38	6.82	0.00	0.28	0.00	0.00	1.57	100.00	2.65	65	
	0.01 - 0.40		99.39	0.22	0.11	0.15	0.02	0.02	0.00	0.00	0.09	100.00	2953.77	647	
	0.40 - 1.00		99.43	0.27	0.07	0.10	0.00	0.01	0.01	0.00	0.10	100.00	6278.50	347	
	1.01 - 2.00		98.23	0.71	0.03	0.98	0.00	0.02	0.01	0.00	0.02	100.00	5505.04	261	
	2.01 - 4.00		99.63	0.28	0.05	0.01	0.00	0.00	0.00	0.00	0.01	100.00	2416.47	67	
	4.01 - 10.00		98.80	1.05	0.02	0.00	0.00	0.00	0.12	0.00	0.01	100.00	1014.07	16	
	10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	912.99	2	
	all sizes		99.10	0.42	0.06	0.34	0.01	0.01	0.01	0.00	0.06	100.00	19083.48	1405	
	estd. Area (ha 00)		18911.21	79.84	10.68	65.60	1.07	2.19	2.21	0.00	10.67	19083.48	--	--	
	sample no. of hhs		1374	43	106	98	8	41	6	0	75	1392	--	--	
season: rabi															
	< 0.01		19.89	0.00	43.51	14.44	0.00	7.29	0.00	0.00	14.87	100.00	9.68	540	
	0.01 - 0.40		98.78	0.53	0.28	0.13	0.01	0.05	0.01	0.00	0.21	100.00	2111.55	547	
	0.40 - 1.00		99.05	0.78	0.05	0.08	0.00	0.00	0.02	0.00	0.02	100.00	2917.33	192	
	1.01 - 2.00		99.27	0.63	0.05	0.03	0.00	0.01	0.01	0.00	0.00	100.00	1510.65	92	
	2.01 - 4.00		99.91	0.04	0.05	0.00	0.00	0.00	0.00	0.00	0.00	100.00	701.04	19	
	4.01 - 10.00		99.21	0.53	0.00	0.01	0.00	0.00	0.25	0.00	0.00	100.00	489.06	7	
	10.00 +		100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	366.46	1	
	all sizes		99.05	0.57	0.16	0.08	0.00	0.02	0.03	0.00	0.08	100.00	8105.78	1398	
	estd. area (ha 00)		8029.06	46.32	12.70	6.78	0.15	1.84	2.21	0.00	6.71	8105.78	--	--	
	sample no. of hhs		908	22	180	128	5	43	6	0	128	1026	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Karnataka													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
<0.01		50.27	0.00	20.54	26.09	0.50	2.44	0.00	0.00	0.17	100.00	1.35	112
0.01 - 0.40		85.89	13.64	0.27	0.11	0.00	0.02	0.00	0.00	0.06	100.00	1569.28	317
0.40 - 1.00		89.31	10.54	0.08	0.05	0.00	0.00	0.00	0.00	0.02	100.00	9933.40	736
1.01 - 2.00		93.76	6.12	0.07	0.03	0.00	0.00	0.00	0.00	0.02	100.00	11869.60	290
2.01 - 4.00		91.69	8.23	0.04	0.00	0.00	0.03	0.00	0.00	0.01	100.00	14994.02	342
4.01 - 10.00		93.75	6.20	0.04	0.01	0.00	0.00	0.00	0.00	0.00	100.00	17631.22	190
10.00 +		94.86	5.05	0.08	0.00	0.00	0.00	0.00	0.00	0.00	100.00	6435.38	22
all sizes		92.47	7.43	0.06	0.02	0.00	0.01	0.00	0.00	0.01	100.00	62434.24	2009
estd. Area (ha 00)	57730.21		4639.58	38.72	12.13	0.33	6.13	0.00	0.00	7.14	62434.24	--	--
sample no. of hhs	1798		358	542	93	7	51	0	0	202	1978	--	--
season: rabi													
<0.01		5.64	0.82	53.91	8.55	0.05	1.33	0.00	0.00	29.70	100.00	12.67	715
0.01 - 0.40		68.74	29.84	0.92	0.35	0.00	0.03	0.00	0.00	0.12	100.00	1122.38	240
0.40 - 1.00		80.44	19.11	0.18	0.07	0.00	0.01	0.00	0.00	0.19	100.00	6264.45	473
1.01 - 2.00		85.58	13.04	1.30	0.07	0.00	0.00	0.00	0.00	0.01	100.00	8317.54	230
2.01 - 4.00		86.50	11.81	1.61	0.00	0.00	0.06	0.00	0.00	0.03	100.00	8676.81	215
4.01 - 10.00		88.66	9.53	1.79	0.02	0.00	0.00	0.00	0.00	0.00	100.00	10454.40	118
10.00 +		81.79	18.18	0.02	0.00	0.01	0.00	0.00	0.00	0.00	100.00	2668.14	11
all sizes		84.99	13.65	1.24	0.05	0.00	0.02	0.00	0.00	0.06	100.00	37516.39	2002
estd. area (ha 00)	31884.91		5122.07	463.94	17.49	0.47	6.47	0.00	0.00	21.04	37516.39	--	--
sample no. of hhs	1133		361	635	101	9	74	1	0	243	1553	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Kerala													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
< 0.01	26.84	8.99	49.88	11.07	0.24	2.43	0.22	0.00	0.34	100.00	3.57	199	
0.01 - 0.40	24.06	73.98	1.42	0.24	0.01	0.26	0.00	0.00	0.01	100.00	2405.36	1418	
0.40 - 1.00	24.91	74.15	0.63	0.05	0.01	0.16	0.09	0.00	0.00	100.00	2708.61	430	
1.01 - 2.00	29.96	69.62	0.36	0.01	0.00	0.06	0.00	0.01	0.00	100.00	1997.35	134	
2.01 - 4.00	18.19	81.40	0.34	0.01	0.00	0.07	0.00	0.00	0.00	100.00	1393.81	41	
4.01 - 10.00	47.33	51.76	0.21	0.00	0.00	0.08	0.62	0.00	0.00	100.00	708.63	10	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	26.49	72.47	0.72	0.08	0.01	0.15	0.07	0.00	0.00	100.00	9217.32	2232	
estd. Area (ha 00)	2441.83	6680.17	66.41	7.69	0.58	13.41	6.77	0.20	0.26	9217.32	--	--	
sample no. of hhs	854	1679	745	161	4	281	3	2	6	2228	--	--	
season: rabi													
< 0.01	19.40	13.52	51.05	10.44	0.46	2.45	0.25	0.00	2.43	100.00	3.79	218	
0.01 - 0.40	24.52	73.56	1.35	0.21	0.01	0.33	0.00	0.00	0.02	100.00	2355.07	1376	
0.40 - 1.00	23.30	75.97	0.55	0.08	0.01	0.10	0.00	0.00	0.00	100.00	2695.29	414	
1.01 - 2.00	24.94	74.31	0.47	0.02	0.00	0.15	0.08	0.02	0.00	100.00	1892.11	136	
2.01 - 4.00	15.39	84.28	0.31	0.00	0.00	0.02	0.00	0.00	0.00	100.00	1214.33	36	
4.01 - 10.00	56.58	43.06	0.24	0.00	0.00	0.11	0.00	0.00	0.00	100.00	501.11	5	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	24.81	74.18	0.72	0.09	0.01	0.16	0.02	0.00	0.01	100.00	8661.70	2185	
estd. area (ha 00)	2148.67	6425.64	62.45	7.93	0.56	14.15	1.47	0.35	0.48	8661.70	--	--	
sample no. of hhs	870	1569	737	175	3	317	3	2	9	2166	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: Kharif		Madhya Pradesh											sample no. of hhs
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	
< 0.01		44.33	0.12	42.31	7.79	0.00	0.82	0.00	0.36	4.28	100.00	6.33	210
0.01 - 0.40		99.21	0.17	0.23	0.02	0.00	0.00	0.00	0.00	0.37	100.00	1755.28	251
0.40 - 1.00		99.35	0.07	0.24	0.01	0.00	0.00	0.15	0.00	0.17	100.00	11846.47	744
1.01 - 2.00		99.37	0.20	0.29	0.00	0.01	0.00	0.06	0.00	0.06	100.00	20276.77	513
2.01 - 4.00		98.73	0.46	0.73	0.00	0.00	0.00	0.00	0.00	0.07	100.00	27081.46	367
4.01 - 10.00		97.76	1.71	0.29	0.00	0.00	0.00	0.03	0.07	0.13	100.00	24716.25	314
10.00 +		99.07	0.86	0.03	0.00	0.00	0.00	0.00	0.00	0.04	100.00	19260.08	56
all sizes		98.76	0.73	0.35	0.00	0.00	0.00	0.04	0.02	0.09	100.00	104942.63	2455
estd. Area (ha 00)		103646.0		370.64	3.78	3.61	0.56	38.86	17.08	97.42	104942.63	--	--
sample no. of hhs		2349	73	566	72	10	19	3	3	316	2400	--	--
season: rabi													
< 0.01		8.61	0.00	67.05	9.10	0.19	0.27	0.00	0.00	14.78	100.00	19.06	436
0.01 - 0.40		96.23	0.05	2.56	0.06	0.00	0.01	0.00	0.00	1.08	100.00	1451.09	245
0.40 - 1.00		98.48	0.07	1.06	0.01	0.03	0.00	0.18	0.00	0.17	100.00	10349.62	656
1.01 - 2.00		99.23	0.44	0.18	0.00	0.00	0.00	0.08	0.00	0.07	100.00	20234.79	452
2.01 - 4.00		99.07	0.55	0.18	0.00	0.00	0.00	0.00	0.00	0.19	100.00	24002.60	317
4.01 - 10.00		99.44	0.36	0.14	0.00	0.00	0.00	0.00	0.00	0.07	100.00	25210.01	264
10.00 +		99.41	0.40	0.02	0.00	0.00	0.00	0.00	0.00	0.17	100.00	18325.39	46
all sizes		99.14	0.39	0.28	0.01	0.00	0.00	0.03	0.00	0.14	100.00	99592.55	2416
estd. area (ha 00)		98735.04	391.17	279.21	5.67	3.50	0.29	33.40	0.00	144.28	99592.55	--	--
sample no. of hhs		1988	59	668	104	8	14	2	0	425	2162	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

size class of land possessed (hectares)	Maharashtra												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	29.82	3.03	41.57	17.64	0.60	2.35	0.00	0.00	0.00	5.00	100.00	5.08	304
0.01 - 0.40	98.39	1.27	0.28	0.01	0.00	0.01	0.01	0.00	0.00	0.03	100.00	2909.58	519
0.40 - 1.00	98.99	0.83	0.09	0.06	0.00	0.00	0.00	0.00	0.00	0.03	100.00	12271.33	1056
1.01 - 2.00	98.59	1.05	0.09	0.01	0.00	0.00	0.00	0.00	0.00	0.26	100.00	24061.83	555
2.01 - 4.00	98.52	1.34	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.06	100.00	30905.31	497
4.01 - 10.00	98.21	1.30	0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.40	100.00	28131.95	336
10.00 +	96.54	3.30	0.02	0.11	0.00	0.00	0.00	0.00	0.00	0.03	100.00	11474.66	45
all sizes	98.30	1.41	0.08	0.02	0.00	0.00	0.00	0.00	0.00	0.18	100.00	109759.75	3312
estd. Area (ha 00)	107889.5	1550.86	87.32	26.02	0.03	3.27	0.23	0.00	202.49	109759.75	--	--	--
sample no. of hhs	3007	125	695	201	6	95	1	0	131	3269	--	--	--
season: rabi													
< 0.01	4.32	0.00	60.93	9.24	0.14	3.75	0.00	0.00	0.00	21.61	100.00	18.76	1575
0.01 - 0.40	97.57	1.58	0.62	0.02	0.00	0.01	0.01	0.00	0.00	0.19	100.00	2282.80	382
0.40 - 1.00	99.46	0.33	0.16	0.01	0.00	0.00	0.00	0.00	0.00	0.03	100.00	7999.35	586
1.01 - 2.00	98.49	1.25	0.14	0.01	0.00	0.01	0.00	0.00	0.00	0.11	100.00	11962.06	311
2.01 - 4.00	96.40	3.18	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.02	100.00	12378.42	238
4.01 - 10.00	95.06	4.83	0.07	0.00	0.00	0.01	0.00	0.00	0.00	0.04	100.00	10310.02	143
10.00 +	99.55	0.39	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.01	100.00	2884.36	12
all sizes	97.35	2.33	0.23	0.01	0.00	0.01	0.00	0.00	0.00	0.06	100.00	47835.77	3247
estd. area (ha 00)	46570.08	1114.83	112.24	5.26	0.03	2.74	0.23	0.00	30.37	47835.77	--	--	--
sample no. of hhs	1645	73	653	176	4	78	1	0	101	2078	--	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: Kharif													Manipur	
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
		multi- vati- on	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
< 0.01		0.00	0.00	0.00	0.00	8.92	91.08	0.00	0.00	0.00	100.00	0.03	22	
0.01 - 0.40		97.28	0.19	0.05	0.01	0.10	0.38	1.93	0.00	0.06	100.00	203.48	497	
0.40 - 1.00		98.11	0.07	0.02	0.01	0.06	0.09	1.59	0.00	0.06	100.00	587.18	250	
1.01 - 2.00		96.39	0.06	0.02	0.01	0.04	0.06	3.10	0.00	0.33	100.00	423.54	201	
2.01 - 4.00		80.62	0.00	0.03	0.00	0.00	0.02	19.32	0.00	0.02	100.00	35.24	13	
4.01 - 10.00		78.18	0.00	0.00	11.07	0.00	10.74	0.00	0.00	0.00	100.00	41.73	3	
10.00 +		-	-	-	-	-	-	-	-	-	-	-	0	
all sizes		96.29	0.08	0.02	0.36	0.06	0.47	2.57	0.00	0.14	100.00	1291.20	986	
estd. Area (ha 00)		1243.28	1.07	0.27	4.69	0.72	6.07	33.23	0.00	1.87	1291.20	--	--	
sample no. of hhs		952	14	29	19	102	215	27	0	114	981	--	--	
season: rabi														
< 0.01		0.00	0.00	2.28	0.00	45.91	51.82	0.00	0.00	0.00	100.00	0.11	409	
0.01 - 0.40		92.48	0.65	0.21	0.07	0.40	1.28	4.37	0.00	0.56	100.00	97.96	490	
0.40 - 1.00		86.20	0.34	0.00	0.00	0.03	0.12	13.30	0.00	0.00	100.00	124.77	62	
1.01 - 2.00		86.31	0.10	0.00	0.00	0.01	0.01	13.58	0.00	0.00	100.00	31.66	22	
2.01 - 4.00		23.54	0.00	0.00	0.00	0.00	0.00	76.46	0.00	0.00	100.00	6.36	2	
4.01 - 10.00		60.36	0.00	0.00	20.12	0.00	19.52	0.00	0.00	0.00	100.00	22.97	1	
10.00 +		-	-	-	-	-	-	-	-	-	-	-	0	
all sizes		84.85	0.38	0.07	1.65	0.17	2.09	10.58	0.00	0.19	100.00	283.83	986	
estd. area (ha 00)		240.83	1.09	0.20	4.69	0.49	5.94	30.03	0.00	0.55	283.83	--	--	
sample no. of hhs		553	13	23	17	94	233	24	0	117	613	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Meghalaya													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
< 0.01		56.03	13.69	19.76	2.22	3.47	4.82	0.00	0.00	0.00	100.00	0.09	18
0.01 - 0.40		77.05	22.43	0.12	0.07	0.06	0.04	0.24	0.00	0.00	100.00	121.98	183
0.40 - 1.00		72.52	27.27	0.08	0.00	0.05	0.04	0.04	0.00	0.00	100.00	786.19	328
1.01 - 2.00		72.54	27.22	0.07	0.01	0.07	0.06	0.01	0.00	0.00	100.00	801.37	153
2.01 - 4.00		41.26	58.68	0.03	0.01	0.01	0.00	0.00	0.00	0.00	100.00	444.02	34
4.01 - 10.00		31.33	68.65	0.01	0.00	0.01	0.01	0.00	0.00	0.00	100.00	213.92	7
10.00 +		4.06	95.90	0.00	0.00	0.03	0.01	0.00	0.00	0.00	100.00	166.94	1
all sizes		59.28	40.54	0.06	0.01	0.04	0.04	0.03	0.00	0.00	100.00	2534.51	724
estd. Area (ha 00)		1502.49	1027.45	1.46	0.27	1.14	0.91	0.73	0.03	0.02	2534.51	--	--
sample no. of hhs		591	315	81	25	94	119	7	5	3	723	--	--
season: rabi													
< 0.01		58.21	7.30	21.59	1.19	1.85	9.86	0.00	0.00	0.00	100.00	0.18	44
0.01 - 0.40		69.31	29.81	0.30	0.04	0.10	0.15	0.29	0.00	0.00	100.00	210.42	289
0.40 - 1.00		60.28	39.41	0.06	0.02	0.13	0.07	0.02	0.00	0.00	100.00	574.07	245
1.01 - 2.00		53.04	46.90	0.03	0.00	0.02	0.01	0.00	0.00	0.00	100.00	575.51	109
2.01 - 4.00		22.56	77.36	0.03	0.01	0.03	0.00	0.00	0.00	0.00	100.00	445.03	33
4.01 - 10.00		0.18	99.80	0.00	0.00	0.01	0.00	0.00	0.00	0.00	100.00	91.71	3
10.00 +		0.00	99.96	0.00	0.00	0.03	0.01	0.00	0.00	0.00	100.00	160.16	1
all sizes		43.65	56.14	0.06	0.01	0.06	0.04	0.04	0.00	0.00	100.00	2057.06	724
estd. area (ha 00)		897.82	1154.78	1.31	0.25	1.28	0.84	0.73	0.02	0.02	2057.06	--	--
sample no. of hhs		520	325	70	22	90	116	7	4	3	701	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: kharif												Mizoram	
size class of land possessed (hectares)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
< 0.01	71.66	4.33	0.00	0.00	11.88	11.16	0.97	0.00	0.00	100.00	0.03	10	
0.01 - 0.40	97.27	0.00	1.24	0.00	0.85	0.65	0.00	0.00	0.00	100.00	19.57	68	
0.40 - 1.00	96.43	0.30	0.68	0.23	1.38	0.98	0.00	0.00	0.00	100.00	267.68	266	
1.01 - 2.00	96.39	2.83	0.08	0.07	0.45	0.15	0.00	0.00	0.04	100.00	269.39	126	
2.01 - 4.00	94.31	2.61	0.20	0.01	1.94	0.93	0.00	0.00	0.00	100.00	258.38	28	
4.01 - 10.00	99.20	0.00	0.67	0.00	0.10	0.04	0.00	0.00	0.00	100.00	38.03	3	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	95.92	1.77	0.36	0.09	1.19	0.66	0.00	0.00	0.01	100.00	853.07	501	
estd. Area (ha 00)	818.25	15.14	3.05	0.80	10.12	5.60	0.00	0.00	0.10	853.07	--	--	
sample no. of hhs	493	11	13	16	112	110	2	0	1	500	--	--	
season: rabi													
< 0.01	74.70	0.00	0.00	0.00	12.81	11.54	0.94	0.00	0.00	100.00	0.03	11	
0.01 - 0.40	96.97	0.00	1.59	0.02	0.64	0.73	0.05	0.00	0.00	100.00	16.15	51	
0.40 - 1.00	96.23	0.31	0.69	0.36	1.61	0.79	0.00	0.00	0.00	100.00	270.35	265	
1.01 - 2.00	96.63	2.56	0.05	0.01	0.49	0.22	0.00	0.00	0.04	100.00	282.38	121	
2.01 - 4.00	93.82	2.99	0.02	0.01	2.04	1.13	0.00	0.00	0.00	100.00	258.89	33	
4.01 - 10.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	36.13	3	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	95.81	1.83	0.27	0.12	1.29	0.67	0.00	0.00	0.01	100.00	863.93	484	
estd. area (ha 00)	827.72	15.80	2.31	1.04	11.13	5.81	0.01	0.00	0.11	863.93	--	--	
sample no. of hhs	477	9	10	15	101	107	2	0	1	483	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Nagaland														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		13.43	9.19	19.40	0.00	43.85	12.92	0.00	1.21	0.00	100.00	0.11	59
	0.01 - 0.40		82.97	16.83	0.06	0.00	0.07	0.07	0.00	0.00	0.00	100.00	60.56	112
	0.40 - 1.00		74.32	25.45	0.01	0.00	0.13	0.10	0.00	0.00	0.00	100.00	235.38	157
	1.01 - 2.00		75.93	23.91	0.00	0.00	0.08	0.08	0.00	0.00	0.00	100.00	216.97	52
	2.01 - 4.00		77.15	22.75	0.00	0.00	0.04	0.06	0.00	0.00	0.00	100.00	54.43	4
	4.01 - 10.00		-	-	-	-	-	-	-	-	-	-	-	0
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		76.12	23.68	0.01	0.00	0.10	0.09	0.00	0.00	0.00	100.00	567.44	384
	estd. Area (ha 00)		431.92	134.35	0.08	0.00	0.57	0.50	0.01	0.00	0.00	567.44	--	--
	sample no. of hhs		333	170	9	1	175	145	2	3	0	382	--	--
season: rabi	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	< 0.01		23.25	0.00	7.48	0.41	49.52	18.70	0.00	0.17	0.46	100.00	0.07	51
	0.01 - 0.40		82.77	17.01	0.10	0.00	0.06	0.05	0.00	0.00	0.00	100.00	60.55	121
	0.40 - 1.00		72.27	27.53	0.01	0.00	0.11	0.09	0.00	0.00	0.00	100.00	232.26	155
	1.01 - 2.00		74.10	25.75	0.00	0.00	0.08	0.07	0.00	0.00	0.00	100.00	223.48	50
	2.01 - 4.00		82.25	17.65	0.00	0.00	0.04	0.06	0.00	0.00	0.00	100.00	39.83	3
	4.01 - 10.00		-	-	-	-	-	-	-	-	-	-	-	0
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		74.86	24.96	0.02	0.00	0.09	0.08	0.00	0.00	0.00	100.00	556.20	380
	estd. area (ha 00)		416.35	138.82	0.09	0.00	0.50	0.43	0.00	0.00	0.00	556.20	--	--
	sample no. of hhs		341	168	10	4	179	146	0	2	1	379	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Orissa												
season: kharif												
size class of land possessed (hectares)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
< 0.01	25.69	1.91	43.20	22.94	0.00	6.09	0.00	0.00	0.17	100.00	0.85	65
0.01 - 0.40	99.54	0.27	0.10	0.07	0.00	0.02	0.00	0.00	0.00	100.00	3170.12	824
0.40 - 1.00	99.26	0.65	0.04	0.02	0.00	0.01	0.00	0.00	0.02	100.00	11914.99	520
1.01 - 2.00	98.54	1.30	0.03	0.01	0.00	0.00	0.12	0.00	0.00	100.00	9581.62	367
2.01 - 4.00	99.55	0.29	0.03	0.01	0.00	0.00	0.11	0.00	0.00	100.00	5823.71	139
4.01 - 10.00	99.92	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.07	100.00	2467.99	22
10.00 +	83.19	16.80	0.01	0.00	0.00	0.00	0.00	0.00	0.00	100.00	73.19	1
all sizes	99.14	0.72	0.04	0.02	0.00	0.01	0.05	0.00	0.01	100.00	33032.46	1938
estd. Area (ha 00)	32748.09	239.29	13.20	6.47	0.67	2.49	17.88	0.00	4.38	33032.46	---	---
sample no. of hhs	1881	49	268	105	10	65	10	0	3	1928	---	---
season: rabi												
< 0.01	5.86	0.00	51.15	20.84	1.57	9.41	1.24	0.00	9.92	100.00	15.93	785
0.01 - 0.40	97.43	1.95	0.20	0.13	0.01	0.04	0.24	0.00	0.00	100.00	1877.78	560
0.40 - 1.00	98.59	1.34	0.05	0.01	0.01	0.00	0.00	0.00	0.00	100.00	5850.23	314
1.01 - 2.00	99.18	0.56	0.05	0.01	0.00	0.00	0.20	0.00	0.00	100.00	4065.49	196
2.01 - 4.00	99.27	0.68	0.04	0.01	0.00	0.00	0.00	0.00	0.00	100.00	2486.21	61
4.01 - 10.00	98.16	0.00	0.02	0.00	0.00	0.00	1.71	0.00	0.11	100.00	1349.44	13
10.00 +	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	172.26	1
all sizes	98.60	0.98	0.11	0.04	0.00	0.02	0.23	0.00	0.02	100.00	15817.34	1930
estd. area (ha 00)	15595.21	154.76	18.05	6.71	0.70	2.63	36.14	0.00	3.13	15817.34	---	---
sample no. of hhs	1136	35	312	106	12	73	11	0	25	1345	---	---

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

size class of land possessed (hectares)	Punjab												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	0.19	97.93	0.00	1.50	0.01	0.13	0.00	0.00	0.00	0.24	100.00	27.91	632
0.01 - 0.40	92.85	7.11	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	100.00	296.36	100
0.40 - 1.00	98.16	1.61	0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1291.94	97
1.01 - 2.00	98.16	1.14	0.69	0.01	0.00	0.00	0.00	0.00	0.00	0.00	100.00	3472.11	113
2.01 - 4.00	97.50	0.82	1.67	0.00	0.00	0.00	0.00	0.00	0.00	0.01	100.00	6495.24	185
4.01 - 10.00	98.82	0.61	0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	9611.75	125
10.00 +	99.59	0.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	3607.83	27
all sizes	98.28	0.95	0.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	24803.14	1279
estd. Area (ha 00)	24375.95	235.75	189.34	0.84	0.00	0.36	0.00	0.04	0.86	24803.14	--	--	--
sample no. of hhs	611	1226	9	26	1	9	0	1	2	1262	--	--	--
season: rabi													
< 0.01	1.53	97.84	0.00	0.24	0.01	0.06	0.00	0.00	0.00	0.31	100.00	27.91	627
0.01 - 0.40	93.61	6.35	0.00	0.01	0.00	0.03	0.00	0.00	0.00	0.00	100.00	289.50	92
0.40 - 1.00	98.20	1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1446.38	101
1.01 - 2.00	99.07	0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	3431.85	117
2.01 - 4.00	97.40	0.88	1.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	6285.73	183
4.01 - 10.00	99.36	0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	9617.14	117
10.00 +	99.64	0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	3172.35	23
all sizes	98.60	0.95	0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	24270.86	1260
estd. area (ha 00)	23930.47	231.66	108.34	0.11	0.00	0.16	0.00	0.04	0.09	24270.86	--	--	--
sample no. of hhs	611	1211	3	13	1	8	0	1	2	1238	--	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: kharif													Rajasthan	
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
< 0.01		6.04	0.00	66.84	24.26	0.59	0.41	0.00	0.00	1.86	100.00	8.26	249	
0.01 - 0.40		97.93	0.02	1.53	0.45	0.01	0.01	0.00	0.00	0.05	100.00	2429.65	355	
0.40 - 1.00		98.74	0.27	0.83	0.11	0.00	0.00	0.00	0.00	0.05	100.00	9566.44	642	
1.01 - 2.00		98.52	0.71	0.47	0.14	0.00	0.00	0.00	0.00	0.16	100.00	14920.23	532	
2.01 - 4.00		98.85	0.40	0.58	0.15	0.00	0.00	0.00	0.00	0.02	100.00	21677.50	385	
4.01 - 10.00		99.11	0.20	0.44	0.10	0.00	0.00	0.00	0.00	0.14	100.00	33186.16	363	
10.00 +		98.74	0.30	0.47	0.35	0.00	0.00	0.00	0.00	0.14	100.00	26412.01	70	
all sizes		98.82	0.34	0.55	0.19	0.00	0.00	0.00	0.00	0.11	100.00	108200.24	2596	
estd. Area (ha 00)		106923.9	364.04	589.93	202.88	0.50	0.58	0.00	0.00	118.41	108200.24	--	--	
sample no. of hhs		2301	38	1476	553	5	16	0	0	156	2582	--	--	
season: rabi														
< 0.01		1.23	0.12	61.45	34.28	0.53	0.12	0.00	0.00	2.28	100.00	40.14	834	
0.01 - 0.40		87.69	0.66	5.80	5.05	0.01	0.01	0.00	0.00	0.78	100.00	2291.45	458	
0.40 - 1.00		97.62	0.70	1.44	0.18	0.00	0.00	0.00	0.00	0.05	100.00	7911.01	435	
1.01 - 2.00		97.11	1.20	1.57	0.10	0.00	0.00	0.00	0.00	0.01	100.00	8786.83	359	
2.01 - 4.00		98.98	0.55	0.35	0.11	0.00	0.00	0.00	0.00	0.00	100.00	11785.08	230	
4.01 - 10.00		99.44	0.38	0.17	0.00	0.00	0.00	0.00	0.00	0.00	100.00	14065.33	193	
10.00 +		99.53	0.42	0.05	0.00	0.00	0.00	0.00	0.00	0.00	100.00	15291.89	45	
all sizes		98.28	0.59	0.80	0.28	0.00	0.00	0.00	0.00	0.04	100.00	60171.72	2554	
estd. area (ha 00)		59136.88	357.98	483.31	167.01	0.55	0.73	0.00	0.00	25.26	60171.72	--	--	
sample no. of hhs		1488	33	1707	696	7	21	0	0	126	2348	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Sikkim														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vati- on	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		41.22	0.00	40.02	11.09	6.09	1.58	0.00	0.00	0.00	100.00	0.02	18
	0.01 - 0.40		96.72	0.95	2.06	0.13	0.04	0.10	0.00	0.00	0.00	100.00	40.97	177
	0.40 - 1.00		90.02	9.42	0.39	0.08	0.03	0.05	0.00	0.00	0.01	100.00	166.83	224
	1.01 - 2.00		80.49	19.32	0.14	0.02	0.01	0.01	0.00	0.00	0.00	100.00	100.84	87
	2.01 - 4.00		81.05	18.86	0.07	0.01	0.00	0.01	0.00	0.00	0.00	100.00	45.61	45
	4.01 - 10.00		26.09	73.84	0.05	0.00	0.02	0.00	0.00	0.00	0.00	100.00	0.65	1
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		86.81	12.59	0.47	0.06	0.02	0.04	0.00	0.00	0.00	100.00	354.91	552
	estd. Area (ha 00)		308.12	44.68	1.67	0.22	0.08	0.14	0.00	0.00	0.01	354.91	--	--
	sample no. of hhs		542	103	326	115	51	140	0	1	1	552	--	--
season: rabi														
	< 0.01		41.44	0.00	41.98	7.88	7.87	0.82	0.00	0.00	0.00	100.00	0.01	18
	0.01 - 0.40		97.76	0.18	1.54	0.29	0.12	0.11	0.00	0.00	0.00	100.00	65.39	323
	0.40 - 1.00		89.77	9.64	0.42	0.08	0.02	0.06	0.00	0.00	0.01	100.00	101.82	144
	1.01 - 2.00		73.20	26.30	0.32	0.06	0.00	0.11	0.00	0.00	0.00	100.00	17.03	26
	2.01 - 4.00		32.54	67.22	0.21	0.01	0.02	0.02	0.00	0.00	0.00	100.00	3.98	7
	4.01 - 10.00		-	-	-	-	-	-	-	-	-	-	-	0
	10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
	all sizes		89.83	9.08	0.80	0.15	0.05	0.08	0.00	0.00	0.00	100.00	188.24	518
	estd. area (ha 00)		169.10	17.09	1.51	0.29	0.10	0.15	0.00	0.00	0.01	188.24	--	--
	sample no. of hhs		507	34	364	158	58	136	1	0	1	517	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Tamil Nadu													
season: kharif	size class of land possessed (hectares)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01	8.29	8.44	50.97	26.38	1.13	4.19	0.00	0.00	0.60	100.00	18.40	1113
	0.01 - 0.40	88.12	10.81	0.75	0.26	0.00	0.05	0.00	0.00	0.01	100.00	2503.02	718
	0.40 - 1.00	91.18	8.45	0.29	0.06	0.00	0.02	0.00	0.01	0.01	100.00	8108.44	795
	1.01 - 2.00	91.36	8.30	0.23	0.05	0.00	0.06	0.00	0.00	0.01	100.00	7104.60	367
	2.01 - 4.00	82.69	17.00	0.25	0.04	0.00	0.01	0.00	0.00	0.01	100.00	7112.57	154
	4.01 - 10.00	73.92	24.15	1.88	0.04	0.00	0.00	0.00	0.00	0.00	100.00	4160.30	36
	10.00 +	91.75	8.09	0.16	0.00	0.00	0.00	0.00	0.00	0.00	100.00	592.39	6
	all sizes	86.46	12.87	0.56	0.08	0.00	0.03	0.00	0.00	0.01	100.00	29599.72	3189
	estd. Area (ha 00)	25590.64	3808.67	164.71	24.27	0.26	8.72	0.00	0.41	2.03	29599.72	---	---
	sample no. of hhs	1884	404	1514	689	13	228	0	1	57	3142	---	---
season: rabi	< 0.01	5.11	3.58	60.87	24.01	0.38	4.40	0.00	0.00	1.66	100.00	39.17	1692
	0.01 - 0.40	83.79	14.70	1.02	0.40	0.00	0.08	0.00	0.00	0.01	100.00	1735.96	579
	0.40 - 1.00	85.36	14.08	0.44	0.10	0.00	0.02	0.00	0.00	0.01	100.00	5124.29	541
	1.01 - 2.00	84.27	15.25	0.28	0.07	0.00	0.11	0.00	0.00	0.02	100.00	3702.04	206
	2.01 - 4.00	74.78	24.89	0.26	0.05	0.00	0.02	0.00	0.00	0.01	100.00	4397.55	97
	4.01 - 10.00	62.34	34.37	3.25	0.04	0.00	0.00	0.00	0.00	0.00	100.00	2958.81	23
	10.00 +	96.61	3.34	0.05	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1030.87	5
	all sizes	79.41	19.43	0.96	0.14	0.00	0.05	0.00	0.00	0.01	100.00	18988.69	3143
	estd. area (ha 00)	15079.21	3688.79	182.22	26.98	0.27	8.75	0.00	0.06	2.41	18988.69	---	---
	sample no. of hhs	1228	367	1549	740	14	270	0	1	48	2806	---	---

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Tripura													
season: kharif													
size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vati on	orchar ds and planta tions	dairy	farmi ng of goat, sheep, etc.	pigge ry	poult ry/ ducke ry	fish- ery	bee- kee ping	farmi ng of other anima ls	total	estd. Area (ha 00)	sample no. of hhs
< 0.01		7.64	0.51	0.90	2.44	68.39	15.07	1.76	0.00	3.28	100.00	0.11	55
0.01 - 0.40		91.95	2.41	0.30	0.18	0.24	0.54	4.30	0.00	0.08	100.00	245.30	533
0.40 - 1.00		92.09	4.90	0.13	0.06	0.12	0.08	2.49	0.00	0.12	100.00	671.57	387
1.01 - 2.00		85.23	11.32	0.06	0.01	0.02	0.02	3.26	0.00	0.09	100.00	133.57	43
2.01 - 4.00		22.08	77.90	0.00	0.00	0.00	0.02	0.00	0.00	0.00	100.00	6.24	3
4.01 - 10.00		94.31	0.00	0.05	0.00	0.00	0.00	5.65	0.00	0.00	100.00	4.08	1
10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
all sizes		90.78	5.54	0.16	0.08	0.14	0.18	3.01	0.00	0.10	100.00	1060.87	1022
estd. Area (ha 00)		963.08	58.81	1.68	0.88	1.52	1.90	31.90	0.00	1.10	1060.87	--	--
sample no. of hhs		934	103	224	55	84	151	138	1	106	1011	--	--
season: rabi													
< 0.01		12.11	0.06	35.28	2.17	21.35	14.72	0.00	3.44	10.86	100.00	0.58	368
0.01 - 0.40		83.27	5.35	0.72	0.46	0.44	0.86	8.70	0.00	0.20	100.00	213.95	524
0.40 - 1.00		83.61	13.40	0.19	0.01	0.02	0.02	2.75	0.00	0.02	100.00	187.76	116
1.01 - 2.00		41.54	53.83	0.09	0.00	0.00	0.04	4.51	0.00	0.00	100.00	28.84	9
2.01 - 4.00		68.93	27.85	0.04	0.00	0.00	0.01	3.16	0.00	0.01	100.00	9.81	4
4.01 - 10.00		94.94	0.00	0.00	0.00	0.00	0.00	5.06	0.00	0.00	100.00	3.84	1
10.00 +		-	-	-	-	-	-	-	-	-	-	-	0
all sizes		80.40	12.34	0.48	0.23	0.25	0.45	5.75	0.00	0.12	100.00	444.78	1022
estd. area (ha 00)		357.59	54.87	2.13	1.01	1.09	1.98	25.58	0.02	0.51	444.78	--	--
sample no. of hhs		603	89	267	73	92	181	135	4	159	774	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Uttar Pradesh														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			multi- vati- on	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01		13.93	0.19	74.13	5.96	1.69	1.50	0.00	0.00	2.60	100.00	37.74	1007
	0.01 - 0.40		97.61	1.00	1.17	0.08	0.01	0.01	0.00	0.00	0.12	100.00	13752.48	2540
	0.40 - 1.00		98.46	0.70	0.64	0.02	0.00	0.00	0.10	0.00	0.08	100.00	34206.83	1442
	1.01 - 2.00		97.15	2.25	0.50	0.02	0.00	0.00	0.00	0.00	0.08	100.00	35382.53	1088
	2.01 - 4.00		95.53	3.63	0.46	0.00	0.00	0.00	0.33	0.00	0.04	100.00	23692.56	532
	4.01 - 10.00		96.51	3.04	0.43	0.00	0.00	0.00	0.02	0.00	0.01	100.00	14063.41	132
	10.00 +		95.69	4.09	0.21	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1443.38	7
	all sizes		97.14	2.06	0.62	0.02	0.00	0.00	0.09	0.00	0.07	100.00	122578.93	6748
	estd. Area (ha 00)		119071.8	2521.16	757.28	25.71	2.01	2.34	115.28	0.82	82.46	122578.93	--	--
	sample no. of hhs		5753	467	3914	408	43	64	6	1	432	6534	--	--
season: rabi	< 0.01		9.46	0.00	77.09	9.05	1.86	1.02	0.00	0.00	1.52	100.00	36.63	913
	0.01 - 0.40		97.74	0.69	1.32	0.09	0.01	0.01	0.00	0.00	0.15	100.00	14086.43	2559
	0.40 - 1.00		98.30	0.76	0.77	0.02	0.00	0.00	0.10	0.00	0.05	100.00	33792.86	1434
	1.01 - 2.00		96.66	2.59	0.64	0.02	0.00	0.00	0.00	0.00	0.09	100.00	34466.63	1056
	2.01 - 4.00		97.02	2.16	0.40	0.10	0.00	0.00	0.25	0.00	0.07	100.00	26845.95	528
	4.01 - 10.00		97.97	1.73	0.27	0.00	0.00	0.00	0.02	0.00	0.00	100.00	12287.23	110
	10.00 +		97.31	2.53	0.16	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1856.53	7
	all sizes		97.43	1.69	0.68	0.05	0.00	0.00	0.08	0.00	0.07	100.00	123372.26	6607
	estd. area (ha 00)		120197.9	2085.96	836.18	56.22	2.09	2.31	104.14	0.00	87.40	123372.26	--	--
	sample no. of hhs		5710	401	4253	537	45	69	7	0	516	6438	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

Uttaranchal													
season: kharif	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
size class of land possessed (hectares)	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs	
< 0.01	43.63	0.00	54.62	0.00	1.76	0.00	0.00	0.00	0.00	100.00	0.47	26	
0.01 - 0.40	96.98	0.63	2.13	0.17	0.00	0.04	0.00	0.00	0.06	100.00	1113.31	225	
0.40 - 1.00	98.30	0.98	0.64	0.05	0.00	0.00	0.00	0.00	0.03	100.00	1756.99	106	
1.01 - 2.00	97.35	2.22	0.38	0.01	0.00	0.03	0.00	0.00	0.01	100.00	735.46	45	
2.01 - 4.00	99.24	0.70	0.06	0.00	0.00	0.00	0.00	0.00	0.00	100.00	749.80	10	
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	-	0	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	97.96	1.05	0.88	0.06	0.00	0.02	0.00	0.00	0.03	100.00	4356.03	412	
estd. Area (ha 00)	4267.10	45.76	38.46	2.81	0.01	0.71	0.00	0.00	1.20	4356.03	--	--	
sample no. of hhs	389	34	297	33	1	9	0	0	10	405	--	--	
season: rabi													
< 0.01	26.61	13.70	44.49	14.29	0.92	0.00	0.00	0.00	0.00	100.00	0.89	30	
0.01 - 0.40	96.67	0.60	2.46	0.19	0.00	0.01	0.00	0.00	0.07	100.00	1038.08	224	
0.40 - 1.00	97.25	1.55	1.11	0.05	0.00	0.00	0.00	0.00	0.03	100.00	1659.39	107	
1.01 - 2.00	98.31	0.63	1.00	0.00	0.00	0.04	0.00	0.00	0.02	100.00	606.77	31	
2.01 - 4.00	99.84	0.00	0.16	0.00	0.00	0.00	0.00	0.00	0.00	100.00	652.07	7	
4.01 - 10.00	18.23	81.71	0.06	0.00	0.00	0.00	0.00	0.00	0.00	100.00	83.52	1	
10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
all sizes	96.03	2.58	1.27	0.07	0.00	0.01	0.00	0.00	0.03	100.00	4040.73	400	
estd. area (ha 00)	3880.24	104.26	51.47	2.96	0.04	0.39	0.00	0.00	1.38	4040.73	--	--	
sample no. of hhs	374	27	319	30	2	8	0	0	7	392	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

West Bengal														
season: kharif	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
			culti- vati- on	orchards and planta- tions	dairy	farming of goat, sheep, etc.	piggery	poultry/ duckery	fish- ery	bee- keep- ing	farming of other animals	total	estd. Area (ha 00)	sample no. of hhs
	< 0.01	17.55	12.17	39.75	9.29	1.01	18.70	0.55	0.00	0.97	100.00	7.14	353	
	0.01 - 0.40	95.54	1.66	0.32	0.07	0.01	0.14	2.25	0.01	0.00	100.00	6895.96	2166	
	0.40 - 1.00	96.97	1.13	0.17	0.02	0.00	0.03	1.68	0.00	0.00	100.00	13583.92	848	
	1.01 - 2.00	95.09	2.57	0.19	0.02	0.00	0.03	2.10	0.00	0.00	100.00	8019.90	463	
	2.01 - 4.00	92.67	2.14	0.07	0.01	0.00	0.01	5.10	0.00	0.00	100.00	4010.51	111	
	4.01 - 10.00	88.00	2.12	0.35	0.06	0.00	0.04	9.43	0.00	0.00	100.00	1133.88	17	
	10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
	all sizes	95.40	1.74	0.21	0.03	0.00	0.05	2.56	0.00	0.00	100.00	33651.31	3958	
	estd. Area (ha 00)	32103.50	584.20	70.40	10.79	0.78	18.05	862.48	0.40	0.72	33651.31	--	--	
	sample no. of hhs	3473	289	760	237	15	380	481	1	25	3865	--	--	
season: rabi														
	< 0.01	11.00	7.32	37.66	15.07	0.44	19.73	7.26	0.00	1.52	100.00	8.75	840	
	0.01 - 0.40	94.40	1.91	0.35	0.07	0.01	0.18	3.06	0.00	0.03	100.00	6371.65	1981	
	0.40 - 1.00	96.66	0.98	0.36	0.02	0.00	0.04	1.92	0.00	0.02	100.00	10734.66	720	
	1.01 - 2.00	93.10	3.84	0.22	0.04	0.00	0.02	2.73	0.01	0.05	100.00	5376.45	317	
	2.01 - 4.00	95.18	1.88	0.06	0.00	0.00	0.01	2.85	0.00	0.01	100.00	2685.01	72	
	4.01 - 10.00	81.05	2.55	0.60	0.10	0.00	0.07	15.63	0.00	0.00	100.00	654.50	11	
	10.00 +	-	-	-	-	-	-	-	-	-	-	-	0	
	all sizes	94.78	1.94	0.32	0.04	0.00	0.07	2.82	0.00	0.03	100.00	25831.01	3941	
	estd. area (ha 00)	24483.32	501.30	81.54	9.80	0.72	18.77	727.60	0.64	7.34	25831.01	--	--	
	sample no. of hhs	2933	217	741	202	16	305	444	1	30	3374	--	--	

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

size class of land possessed (hectares)	Group of UTs												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
season: kharif													
< 0.01	3.38	0.45	8.77	0.00	3.41	0.00	0.00	0.00	0.00	4.23	100.00	0.42	82
0.01 - 0.40	82.13	16.61	0.16	0.00	0.07	0.00	0.00	0.00	0.00	0.11	100.00	44.08	193
0.40 - 1.00	91.62	8.05	0.03	0.00	0.03	0.00	0.00	0.00	0.00	0.05	100.00	136.70	103
1.01 - 2.00	81.95	17.82	0.00	0.00	0.00	0.00	0.12	0.00	0.00	0.02	100.00	80.80	62
2.01 - 4.00	88.42	11.48	0.01	0.00	0.00	0.00	0.03	0.00	0.00	0.00	100.00	121.99	36
4.01 - 10.00	93.08	6.62	0.00	0.00	0.00	0.00	0.13	0.00	0.00	0.00	100.00	57.12	7
10.00 +	99.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	41.94	1
all sizes	89.15	10.46	0.03	0.00	0.02	0.00	0.04	0.00	0.00	0.03	100.00	483.06	484
estd. Area (ha 00)	430.64	50.52	1.28	0.00	0.10	0.00	0.21	0.00	0.00	0.15	483.06	--	--
sample no. of hhs	306	124	170	0	55	0	3	0	0	30	482	--	--
season: rabi													
< 0.01	0.20	3.20	10.18	0.00	6.39	0.00	0.00	0.00	0.00	4.50	100.00	0.47	183
0.01 - 0.40	62.79	35.60	0.27	0.00	0.11	0.00	0.00	0.00	0.00	0.13	100.00	27.13	158
0.40 - 1.00	89.89	9.66	0.01	0.00	0.03	0.00	0.11	0.00	0.00	0.08	100.00	88.64	76
1.01 - 2.00	74.72	24.30	0.01	0.00	0.01	0.00	0.85	0.00	0.00	0.01	100.00	34.20	29
2.01 - 4.00	78.21	21.67	0.00	0.00	0.01	0.00	0.04	0.00	0.00	0.01	100.00	102.24	24
4.01 - 10.00	99.33	0.00	0.00	0.00	0.00	0.00	0.33	0.00	0.00	0.00	100.00	22.28	4
10.00 +	99.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	43.21	1
all sizes	84.09	15.31	0.04	0.00	0.03	0.00	0.16	0.00	0.00	0.04	100.00	318.19	475
estd. area (ha 00)	267.58	48.71	1.03	0.00	0.10	0.00	0.50	0.00	0.00	0.14	318.19	--	--
sample no. of hhs	183	116	162	0	57	0	4	0	0	33	399	--	--

Table 10: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed

season: kharif											All India	
size class of land possessed (hectares)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	total	estd. Area (ha 00)	sample no. of hhs
< 0.01	14.25	1.73	68.81	9.98	0.88	2.37	0.03	0.01	1.94	100.00	183.65	6382
0.01 - 0.40	93.30	5.26	0.82	0.10	0.01	0.06	0.35	0.00	0.09	100.00	58339.90	17207
0.40 - 1.00	95.94	3.24	0.35	0.04	0.01	0.01	0.35	0.00	0.05	100.00	180747.09	13333
1.01 - 2.00	96.50	2.92	0.28	0.06	0.00	0.01	0.15	0.00	0.09	100.00	208129.39	8097
2.01 - 4.00	96.11	3.28	0.31	0.02	0.01	0.01	0.22	0.00	0.04	100.00	213898.43	4363
4.01 - 10.00	96.71	2.71	0.30	0.03	0.00	0.00	0.13	0.01	0.11	100.00	191190.21	2101
10.00 +	97.51	2.01	0.23	0.13	0.00	0.00	0.06	0.00	0.06	100.00	84121.64	287
all sizes	96.22	3.09	0.35	0.05	0.00	0.01	0.20	0.00	0.07	100.00	936610.32	51770
estd. Area (ha 00)	901208.78	28901.41	3262.87	474.06	37.67	110.01	1899.46	19.49	696.58	936610.32	--	--
sample no. of hhs	43495	5895	18597	3664	853	2984	825	21	2644	50911	--	--
season: rabi												
< 0.01	6.89	0.86	68.45	13.33	0.61	2.66	0.25	0.01	6.94	100.00	351.42	14159
0.01 - 0.40	91.32	6.30	1.27	0.35	0.01	0.08	0.50	0.00	0.17	100.00	52598.39	16409
0.40 - 1.00	94.64	4.22	0.58	0.05	0.01	0.02	0.44	0.00	0.06	100.00	139811.51	10212
1.01 - 2.00	95.13	4.09	0.50	0.03	0.00	0.01	0.17	0.00	0.06	100.00	147245.64	5776
2.01 - 4.00	95.07	4.17	0.42	0.03	0.01	0.01	0.24	0.00	0.05	100.00	142474.31	3003
4.01 - 10.00	96.06	3.24	0.45	0.02	0.00	0.01	0.21	0.00	0.02	100.00	123000.65	1362
10.00 +	97.86	1.91	0.08	0.00	0.00	0.00	0.09	0.00	0.06	100.00	52471.49	184
all sizes	95.05	3.98	0.55	0.06	0.01	0.02	0.27	0.00	0.06	100.00	657953.41	51105
estd. area (ha 00)	625387.60	26175.56	3649.36	416.91	39.34	112.07	1763.08	1.64	407.85	657953.41	--	--
sample no. of hhs	34543	5220	19892	4110	850	3155	786	16	2789	44458	--	--

Table 10-SG: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and social

size class of land possessed (hectares)	group												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	41.61	1.67	34.57	11.74	5.77	3.11	0.00	0.02	1.51	100.00	8.35	507	
0.01 - 0.40	97.27	1.77	0.35	0.09	0.03	0.04	0.37	0.00	0.08	100.00	6933.89	2305	
0.40 - 1.00	97.23	2.34	0.15	0.09	0.02	0.02	0.10	0.00	0.05	100.00	29199.77	2746	
1.01 - 2.00	96.61	2.74	0.08	0.18	0.01	0.01	0.14	0.00	0.22	100.00	34601.02	1495	
2.01 - 4.00	96.68	2.81	0.33	0.01	0.04	0.02	0.05	0.00	0.09	100.00	32468.89	648	
4.01 - 10.00	98.40	1.27	0.07	0.04	0.00	0.00	0.05	0.09	0.04	100.00	18815.70	275	
10.00 +	96.70	3.25	0.02	0.00	0.00	0.00	0.00	0.00	0.02	100.00	6874.24	20	
all sizes	97.06	2.43	0.17	0.08	0.02	0.02	0.10	0.01	0.10	100.00	128901.86	7996	
estd. area (ha 00)	125117.54	3130.75	219.24	107.18	27.92	21.62	126.63	17.03	133.95	128901.86	--	--	
sample no. of hhs	7303	952	1568	573	657	892	103	10	440	7918	--	--	

size class of land possessed (hectares)	season: rabi												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	6.10	0.06	52.82	14.05	1.80	5.44	0.00	0.05	19.68	100.00	40.40	2397	
0.01 - 0.40	94.66	3.75	0.51	0.20	0.06	0.13	0.60	0.00	0.10	100.00	5491.46	2263	
0.40 - 1.00	96.13	3.32	0.23	0.04	0.03	0.03	0.17	0.00	0.04	100.00	17443.69	1829	
1.01 - 2.00	94.07	4.63	0.91	0.04	0.02	0.02	0.28	0.00	0.02	100.00	17084.79	905	
2.01 - 4.00	93.07	5.56	1.04	0.01	0.08	0.02	0.00	0.00	0.21	100.00	16283.17	369	
4.01 - 10.00	96.41	3.22	0.21	0.08	0.00	0.06	0.02	0.00	0.00	100.00	7830.03	133	
10.00 +	90.36	9.60	0.03	0.00	0.00	0.00	0.00	0.00	0.00	100.00	2679.68	14	
all sizes	94.48	4.47	0.65	0.06	0.04	0.04	0.17	0.00	0.09	100.00	66853.22	7910	
estd. area (ha 00)	63165.80	2990.28	432.93	38.65	27.35	26.94	112.04	0.04	59.19	66853.22	--	--	
sample no. of hhs	5202	867	1695	622	644	901	99	8	465	6347	--	--	

Table 10-SG: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and social group

season: kharif	scheduled caste (SC)												
	size class of land possessed (hectares)	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
< 0.01	9.68	2.26	70.86	11.24	1.63	2.30	0.02	0.00	2.01	100.00	65.72	2087	
0.01 - 0.40	96.47	2.02	0.80	0.13	0.01	0.07	0.40	0.00	0.10	100.00	12293.80	3629	
0.40 - 1.00	98.09	1.32	0.31	0.04	0.00	0.01	0.19	0.00	0.04	100.00	27326.15	1975	
1.01 - 2.00	97.90	1.43	0.34	0.05	0.01	0.00	0.22	0.00	0.05	100.00	22685.76	915	
2.01 - 4.00	96.79	2.26	0.16	0.01	0.00	0.00	0.76	0.00	0.01	100.00	16167.82	369	
4.01 - 10.00	98.99	0.51	0.08	0.03	0.00	0.00	0.37	0.00	0.02	100.00	9274.64	103	
10.00 +	98.11	0.45	1.44	0.00	0.00	0.00	0.00	0.00	0.00	100.00	2915.74	11	
all sizes	97.62	1.50	0.42	0.05	0.01	0.01	0.34	0.00	0.04	100.00	90729.62	9089	
estd. area (ha 00)	88571.23	1361.70	382.75	48.16	5.95	13.01	308.70	0.00	38.12	90729.62	--	--	
sample no. of hhs	6890	484	3394	838	94	348	166	0	444	8847	--	--	

season: rabi	scheduled caste (SC)												
	size class of land possessed (hectares)	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
< 0.01	5.96	1.73	69.70	15.55	1.47	2.05	0.02	0.00	3.52	100.00	85.15	3276	
0.01 - 0.40	95.55	2.21	1.08	0.36	0.01	0.07	0.57	0.00	0.15	100.00	10961.59	3229	
0.40 - 1.00	97.06	2.13	0.48	0.04	0.00	0.01	0.22	0.00	0.05	100.00	21186.05	1479	
1.01 - 2.00	97.04	2.31	0.30	0.02	0.00	0.00	0.27	0.00	0.05	100.00	15030.42	668	
2.01 - 4.00	97.96	1.65	0.12	0.01	0.00	0.00	0.23	0.00	0.03	100.00	11657.53	245	
4.01 - 10.00	98.81	0.36	0.11	0.00	0.00	0.00	0.72	0.00	0.00	100.00	5201.79	67	
10.00 +	99.88	0.00	0.11	0.01	0.00	0.00	0.00	0.00	0.00	100.00	4008.29	10	
all sizes	97.15	1.84	0.51	0.10	0.00	0.02	0.31	0.00	0.06	100.00	68130.81	8974	
estd. area (ha 00)	66192.32	1252.98	349.63	66.18	3.14	12.39	214.58	0.00	39.58	68130.81	--	--	
sample no. of hhs	5528	435	3630	915	95	359	159	0	481	7811	--	--	

Table 10-SG: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and social

size class of land possessed (hectares)	other backward classes (OBC)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	14.09	1.94	70.30	10.04	0.04	1.45	0.00	0.03	2.10	100.00	77.70	2676	
0.01 - 0.40	92.44	6.28	0.89	0.12	0.00	0.04	0.12	0.00	0.11	100.00	24114.02	6625	
0.40 - 1.00	95.63	3.53	0.44	0.03	0.00	0.01	0.28	0.00	0.08	100.00	77742.47	5044	
1.01 - 2.00	96.64	2.86	0.30	0.03	0.00	0.01	0.08	0.00	0.08	100.00	86167.09	3075	
2.01 - 4.00	96.08	3.35	0.36	0.03	0.00	0.00	0.15	0.00	0.04	100.00	86373.00	1676	
4.01 - 10.00	96.18	2.90	0.51	0.05	0.00	0.00	0.21	0.00	0.16	100.00	75903.18	809	
10.00 +	97.75	1.75	0.27	0.02	0.00	0.00	0.13	0.00	0.07	100.00	34731.00	114	
all sizes	96.04	3.23	0.43	0.04	0.00	0.01	0.17	0.00	0.09	100.00	385108.47	20019	
estd. area (ha 00)	369855.97	12427.25	1656.52	164.15	1.21	23.93	649.81	0.50	329.14	385108.47	--	--	
sample no. of hhs	16438	2323	7845	1580	57	748	123	4	1117	19691	--	--	

size class of land possessed (hectares)	other backward classes (OBC)												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01	6.80	0.74	70.33	13.37	0.05	1.90	0.13	0.00	6.68	100.00	158.59	5653	
0.01 - 0.40	89.90	7.62	1.58	0.54	0.00	0.04	0.12	0.00	0.20	100.00	21797.47	6276	
0.40 - 1.00	94.41	4.46	0.66	0.05	0.01	0.01	0.35	0.00	0.07	100.00	61596.70	3934	
1.01 - 2.00	95.19	4.06	0.57	0.03	0.00	0.01	0.07	0.00	0.07	100.00	62365.41	2207	
2.01 - 4.00	95.23	4.02	0.36	0.06	0.00	0.00	0.29	0.00	0.03	100.00	54418.45	1125	
4.01 - 10.00	95.89	3.28	0.42	0.01	0.00	0.00	0.37	0.00	0.02	100.00	48491.31	503	
10.00 +	99.36	0.38	0.03	0.00	0.00	0.00	0.23	0.00	0.00	100.00	20294.63	71	
all sizes	94.98	4.01	0.60	0.09	0.00	0.01	0.25	0.00	0.06	100.00	269122.55	19769	
estd. area (ha 00)	255608.37	10793.18	1621.98	231.08	4.45	24.33	669.96	0.06	169.13	269122.55	--	--	
sample no. of hhs	12989	2049	8405	1812	68	857	118	2	1186	17357	--	--	

Table 10-SG: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and social group

season: kharif	size class of land possessed (hectares)	Others												
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	< 0.01		16.99	0.12	69.82	6.82	0.08	4.58	0.11	0.00	1.48	100.00	31.75	1104
	0.01 - 0.40		90.17	7.97	0.94	0.06	0.00	0.10	0.70	0.00	0.06	100.00	14857.01	4612
	0.40 - 1.00		94.38	4.46	0.37	0.02	0.00	0.02	0.71	0.00	0.03	100.00	46350.51	3549
	1.01 - 2.00		95.76	3.61	0.34	0.03	0.00	0.01	0.21	0.00	0.05	100.00	64500.52	2599
	2.01 - 4.00		95.76	3.62	0.28	0.02	0.00	0.02	0.26	0.00	0.03	100.00	78777.45	1665
	4.01 - 10.00		96.56	3.09	0.19	0.01	0.00	0.00	0.05	0.00	0.10	100.00	87196.70	914
	10.00 +		97.39	2.15	0.15	0.25	0.00	0.00	0.00	0.00	0.06	100.00	39600.65	142
	all sizes		95.71	3.62	0.30	0.05	0.00	0.02	0.25	0.00	0.06	100.00	331314.59	14585
	estd. area (ha 00)		317116.77	11977.80	1003.08	154.40	1.80	50.92	813.19	1.96	194.68	331314.59	--	--
	sample no. of hhs		12791	2131	5773	671	44	992	432	7	641	14378	--	--

season: rabi	size class of land possessed (hectares)	Others												
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	< 0.01		8.76	0.54	71.76	10.01	0.12	3.57	0.98	0.00	4.25	100.00	67.12	2814
	0.01 - 0.40		88.87	8.47	1.26	0.12	0.01	0.14	0.98	0.00	0.16	100.00	14208.72	4614
	0.40 - 1.00		93.02	5.37	0.67	0.04	0.00	0.03	0.80	0.00	0.06	100.00	39436.98	2947
	1.01 - 2.00		94.86	4.48	0.35	0.02	0.00	0.01	0.23	0.00	0.05	100.00	52657.30	1989
	2.01 - 4.00		94.90	4.41	0.36	0.02	0.00	0.01	0.26	0.00	0.03	100.00	60102.24	1262
	4.01 - 10.00		95.90	3.47	0.52	0.03	0.00	0.00	0.06	0.00	0.02	100.00	61477.52	659
	10.00 +		97.14	2.63	0.11	0.00	0.00	0.00	0.00	0.00	0.12	100.00	25488.89	89
	all sizes		94.71	4.39	0.49	0.03	0.00	0.02	0.30	0.00	0.06	100.00	253438.77	14374
	estd. area (ha 00)		240024.18	11133.01	1242.49	80.77	3.62	47.84	765.37	1.54	139.95	253438.77	--	--
	sample no. of hhs		10765	1864	6139	757	42	1031	409	6	657	12877	--	--

Table 10-SG: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and social

size class of land possessed (hectares)	all social groups												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01		14.25	1.73	68.81	9.98	0.88	2.37	0.03	0.01	1.94	100.00	183.65	6382
0.01 - 0.40		93.30	5.26	0.82	0.10	0.01	0.06	0.35	0.00	0.09	100.00	58339.90	17207
0.40 - 1.00		95.94	3.24	0.35	0.04	0.01	0.01	0.35	0.00	0.05	100.00	180747.09	13333
1.01 - 2.00		96.50	2.92	0.28	0.06	0.00	0.01	0.15	0.00	0.09	100.00	208129.39	8097
2.01 - 4.00		96.11	3.28	0.31	0.02	0.01	0.01	0.22	0.00	0.04	100.00	213898.43	4363
4.01 - 10.00		96.71	2.71	0.30	0.03	0.00	0.00	0.13	0.01	0.11	100.00	191190.21	2101
10.00 +		97.51	2.01	0.23	0.13	0.00	0.00	0.06	0.00	0.06	100.00	84121.64	287
all sizes		96.22	3.09	0.35	0.05	0.00	0.01	0.20	0.00	0.07	100.00	936610.32	51770
estd. area (ha 00)		901208.78	28901.41	3262.87	474.06	37.67	110.01	1899.46	19.49	696.58	936610.32	--	--
sample no. of hhs		43495	5895	18597	3664	853	2984	825	21	2644	50911	--	--

size class of land possessed (hectares)	all social groups												
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
< 0.01		6.89	0.86	68.45	13.33	0.61	2.66	0.25	0.01	6.94	100.00	351.42	14159
0.01 - 0.40		91.32	6.30	1.27	0.35	0.01	0.08	0.50	0.00	0.17	100.00	52598.39	16409
0.40 - 1.00		94.64	4.22	0.58	0.05	0.01	0.02	0.44	0.00	0.06	100.00	139811.51	10212
1.01 - 2.00		95.13	4.09	0.50	0.03	0.00	0.01	0.17	0.00	0.06	100.00	147245.64	5776
2.01 - 4.00		95.07	4.17	0.42	0.03	0.01	0.01	0.24	0.00	0.05	100.00	142474.31	3003
4.01 - 10.00		96.06	3.24	0.45	0.02	0.00	0.01	0.21	0.00	0.02	100.00	123000.65	1362
10.00 +		97.86	1.91	0.08	0.00	0.00	0.00	0.09	0.00	0.06	100.00	52471.49	184
all sizes		95.05	3.98	0.55	0.06	0.01	0.02	0.27	0.00	0.06	100.00	657953.41	51105
estd. area (ha 00)		625387.60	26175.56	3649.36	416.91	39.34	112.07	1763.08	1.64	407.85	657953.41	--	--
sample no. of hhs		34543	5220	19892	4110	850	3155	786	16	2789	44458	--	--

Table 10-SI : Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and source of income

season: kharif	source of income: cultivation												
	size class of land possessed (hectares)	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
< 0.01	10.04	0.12	77.60	5.33	0.45	1.33	0.00	0.12	5.01	100.00	18.80	500	
0.01 - 0.40	95.91	2.95	0.76	0.05	0.01	0.04	0.18	0.00	0.10	100.00	24880.33	5628	
0.40 - 1.00	97.15	2.13	0.36	0.03	0.01	0.01	0.26	0.00	0.05	100.00	120515.73	8155	
1.01 - 2.00	97.30	2.17	0.29	0.02	0.00	0.01	0.11	0.00	0.09	100.00	165386.68	6299	
2.01 - 4.00	96.71	2.79	0.28	0.01	0.01	0.01	0.16	0.00	0.04	100.00	184609.79	3686	
4.01 - 10.00	97.41	2.19	0.25	0.02	0.00	0.00	0.03	0.00	0.10	100.00	170859.93	1866	
10.00 +	97.95	1.69	0.20	0.04	0.00	0.00	0.06	0.00	0.05	100.00	72287.03	261	
all sizes	97.17	2.30	0.30	0.02	0.00	0.01	0.12	0.00	0.07	100.00	738558.28	26395	
estd. area (ha 00)	717644.31	17001.55	2222.58	171.61	26.89	59.10	910.61	1.98	519.64	738558.28	-	-	
sample no. of hhs	25619	2881	10081	1359	517	1572	451	9	1783	26252	-	-	

season: rabi	source of income: cultivation												
	size class of land possessed (hectares)	culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	
< 0.01	4.73	0.48	66.20	10.70	0.18	2.75	0.63	0.02	14.31	100.00	118.04	4171	
0.01 - 0.40	94.01	3.91	1.21	0.21	0.01	0.05	0.43	0.00	0.17	100.00	25839.53	6509	
0.40 - 1.00	96.23	2.76	0.60	0.04	0.01	0.02	0.29	0.00	0.05	100.00	100260.81	6789	
1.01 - 2.00	96.23	3.13	0.42	0.03	0.00	0.01	0.12	0.00	0.06	100.00	119051.08	4611	
2.01 - 4.00	95.92	3.44	0.45	0.02	0.01	0.01	0.13	0.00	0.03	100.00	125628.53	2581	
4.01 - 10.00	97.49	2.00	0.40	0.02	0.00	0.00	0.06	0.00	0.02	100.00	113241.79	1245	
10.00 +	98.03	1.73	0.08	0.00	0.00	0.00	0.10	0.00	0.06	100.00	48759.18	173	
all sizes	96.46	2.81	0.48	0.03	0.01	0.01	0.15	0.00	0.05	100.00	532898.98	26079	
estd. area (ha 00)	514043.32	14947.99	2550.66	183.80	27.88	55.11	811.16	1.40	277.67	532898.98	-	-	
sample no. of hhs	21282	2493	10906	1659	516	1664	427	11	1895	23427	-	-	

Table 10-SI: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and source of income

season: kharif	source of income: farming other than cultivation												
	size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
< 0.01	3.36	0.41	71.89	20.52	1.23	1.85	0.05	0.00	0.69	100.00	19.93	795	
0.01 - 0.40	81.09	14.33	2.53	0.75	0.00	0.17	1.10	0.00	0.03	100.00	1869.20	711	
0.40 - 1.00	74.16	21.17	0.57	0.42	0.02	0.06	3.60	0.00	0.01	100.00	3631.95	371	
1.01 - 2.00	81.11	16.57	0.27	0.14	0.07	0.01	1.78	0.00	0.06	100.00	4368.95	176	
2.01 - 4.00	74.64	22.63	0.26	0.08	0.00	0.11	2.27	0.00	0.02	100.00	3975.41	101	
4.01 - 10.00	75.30	18.19	1.65	0.24	0.00	0.12	4.45	0.00	0.06	100.00	4364.80	46	
10.00 +	99.34	0.53	0.08	0.05	0.00	0.00	0.00	0.00	0.00	100.00	5820.99	10	
all sizes	82.28	14.49	0.75	0.23	0.02	0.06	2.13	0.00	0.03	100.00	24051.23	2210	
estd. area (ha 00)	19789.41	3485.37	181.57	55.29	4.02	15.38	513.27	0.00	6.92	24051.23	-	-	
sample no. of hhs	1059	369	1098	425	35	155	81	1	57	2181	-	-	

season: rabi

size class of land possessed (hectares)	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
		culti- vation	orchards and planta- tions	dairy	farming of goat, sheep etc.	piggery	poultry/ duckery	fish- ery	bee- keeping	farming of other animals	total	estd. area (ha 00)	sample no. of hhs
< 0.01	2.07	0.09	72.28	21.39	1.01	2.74	0.04	0.00	0.38	100.00	27.17	954	
0.01 - 0.40	76.37	15.83	4.07	2.22	0.01	0.18	1.23	0.00	0.09	100.00	1583.16	704	
0.40 - 1.00	68.58	25.39	0.72	0.34	0.03	0.04	4.80	0.00	0.10	100.00	2791.29	291	
1.01 - 2.00	72.93	24.02	1.18	0.10	0.00	0.06	1.69	0.01	0.01	100.00	3098.12	141	
2.01 - 4.00	61.19	33.14	0.28	0.01	0.00	0.17	3.92	0.00	1.29	100.00	2496.85	71	
4.01 - 10.00	38.61	48.79	3.66	0.21	0.00	0.23	8.50	0.00	0.00	100.00	2230.77	23	
10.00 +	99.97	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	100.00	516.61	1	
all sizes	65.04	28.40	1.80	0.46	0.01	0.13	3.87	0.00	0.29	100.00	12743.97	2185	
estd. area (ha 00)	8288.78	3619.23	229.53	58.64	1.17	16.00	493.52	0.22	36.87	12743.97	-	-	
sample no. of hhs	817	350	1111	439	32	149	71	2	45	2029	-	-	

Table 10-SI: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and source of income

season: kharif	size class of land possessed (hectares)	source of income: other agricultural activity											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	< 0.01	10.02	0.72	74.24	9.75	0.83	2.51	0.00	0.00	1.93	100.00	18.59	634
	0.01 - 0.40	89.45	8.46	1.27	0.16	0.00	0.08	0.53	0.00	0.06	100.00	2951.55	969
	0.40 - 1.00	85.36	11.94	0.30	0.16	0.01	0.05	2.15	0.01	0.02	100.00	5633.75	444
	1.01 - 2.00	78.39	18.92	0.11	2.02	0.00	0.01	0.47	0.00	0.07	100.00	2874.51	140
	2.01 - 4.00	77.26	21.85	0.32	0.02	0.00	0.00	0.53	0.00	0.02	100.00	1927.83	60
	4.01 - 10.00	83.78	16.15	0.05	0.01	0.00	0.00	0.00	0.00	0.00	100.00	1198.06	17
	10.00 +	89.55	9.63	0.82	0.00	0.00	0.01	0.00	0.00	0.00	100.00	2495.36	5
	all sizes	84.40	13.58	0.58	0.43	0.01	0.03	0.94	0.00	0.03	100.00	17099.64	2269
	estd. area (ha 00)	14432.27	2321.33	98.64	74.00	0.87	5.75	160.51	0.51	5.75	17099.64	-	-
	sample no. of hhs	1388	354	772	222	29	118	24	6	62	2195	-	-

season: rabi	size class of land possessed (hectares)	source of income: other agricultural activity											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	< 0.01	5.64	0.29	73.07	13.71	0.79	3.30	0.02	0.00	3.18	100.00	26.36	986
	0.01 - 0.40	86.71	10.55	1.25	0.51	0.00	0.17	0.70	0.00	0.11	100.00	2272.99	782
	0.40 - 1.00	78.31	17.68	0.44	0.12	0.01	0.04	3.38	0.00	0.03	100.00	3555.61	307
	1.01 - 2.00	79.53	19.59	0.19	0.20	0.00	0.01	0.46	0.00	0.03	100.00	2829.83	109
	2.01 - 4.00	59.25	39.22	0.51	0.00	0.00	0.00	0.98	0.00	0.04	100.00	1052.26	44
	4.01 - 10.00	80.99	18.97	0.04	0.00	0.00	0.00	0.00	0.00	0.00	100.00	732.89	8
	10.00 +	91.56	8.42	0.01	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1901.46	3
	all sizes	80.55	17.26	0.60	0.20	0.01	0.05	1.29	0.00	0.04	100.00	12371.41	2239
	estd. area (ha 00)	9965.20	2134.71	74.42	25.09	0.78	6.43	159.26	0.02	5.48	12371.41	-	-
	sample no. of hhs	1008	336	802	222	28	116	24	3	68	1885	-	-

Table 10-S1: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and source of income

season: kharif	size class of land possessed (hectares)	source of income: other											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	< 0.01	17.23	2.33	66.19	9.05	0.90	2.59	0.03	0.00	1.68	100.00	125.98	4444
	0.01 - 0.40	92.20	6.38	0.71	0.10	0.01	0.07	0.44	0.00	0.09	100.00	28462.72	9870
	0.40 - 1.00	95.81	3.63	0.32	0.03	0.00	0.01	0.13	0.00	0.07	100.00	50897.11	4353
	1.01 - 2.00	96.10	3.42	0.23	0.05	0.00	0.00	0.11	0.00	0.08	100.00	35464.20	1480
	2.01 - 4.00	96.60	2.40	0.53	0.07	0.00	0.00	0.33	0.00	0.07	100.00	23370.51	515
	4.01 - 10.00	95.91	3.05	0.51	0.05	0.00	0.00	0.06	0.12	0.30	100.00	14767.43	172
	10.00 +	91.02	5.66	0.78	2.19	0.00	0.00	0.00	0.00	0.35	100.00	3518.27	11
	all sizes	95.18	3.89	0.48	0.11	0.00	0.02	0.20	0.01	0.10	100.00	156606.22	20845
	estd. area (ha 00)	149053.41	6090.21	757.95	173.11	5.89	29.56	315.06	16.99	164.03	156606.22	-	-
	sample no. of hhs	15388	2288	6629	1656	272	1138	269	5	741	20234	-	-

season: rabi	size class of land possessed (hectares)	source of income: other											
		(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	< 0.01	9.21	1.32	68.62	13.81	0.80	2.50	0.07	0.00	3.66	100.00	179.28	8035
	0.01 - 0.40	89.71	7.96	1.16	0.37	0.01	0.11	0.50	0.00	0.18	100.00	22736.97	8388
	0.40 - 1.00	93.75	5.39	0.53	0.03	0.01	0.01	0.19	0.00	0.09	100.00	33135.02	2816
	1.01 - 2.00	94.31	4.49	0.92	0.02	0.01	0.01	0.22	0.00	0.03	100.00	22229.76	913
	2.01 - 4.00	96.22	2.86	0.14	0.20	0.00	0.00	0.55	0.00	0.02	100.00	13296.67	307
	4.01 - 10.00	92.61	7.27	0.11	0.00	0.00	0.00	0.00	0.00	0.01	100.00	6795.19	86
	10.00 +	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1294.24	7
	all sizes	93.13	5.49	0.80	0.15	0.01	0.03	0.30	0.00	0.09	100.00	99667.12	20552
	estd. area (ha 00)	92822.85	5471.56	792.50	149.21	9.51	34.53	299.15	0.00	87.82	99667.12	-	-
	sample no. of hhs	11400	2038	7055	1785	274	1225	264	0	781	17069	-	-

Table 10-S1: Percentage distribution of farmed land possessed by type of agricultural activity for each size class of land possessed and source of income

size class of land possessed (hectares)	source of income: all											sample no. of hhs	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)
< 0.01		14.25	1.73	68.81	9.98	0.88	2.37	0.03	0.01	1.94	100.00	183.65	6382
0.01 - 0.40		93.30	5.26	0.82	0.10	0.01	0.06	0.35	0.00	0.09	100.00	58339.90	17207
0.40 - 1.00		95.94	3.24	0.35	0.04	0.01	0.01	0.35	0.00	0.05	100.00	180747.09	13333
1.01 - 2.00		96.50	2.92	0.28	0.06	0.00	0.01	0.15	0.00	0.09	100.00	208129.39	8097
2.01 - 4.00		96.11	3.28	0.31	0.02	0.01	0.01	0.22	0.00	0.04	100.00	213898.43	4363
4.01 - 10.00		96.71	2.71	0.30	0.03	0.00	0.00	0.13	0.01	0.11	100.00	191190.21	2101
10.00 +		97.51	2.01	0.23	0.13	0.00	0.00	0.06	0.00	0.06	100.00	84121.64	287
all sizes		96.22	3.09	0.35	0.05	0.00	0.01	0.20	0.00	0.07	100.00	936610.32	51770
estd. area (ha 00)		901208.78	28901.41	3262.87	474.06	37.67	110.01	1899.46	19.49	696.58	936610.32	-	-
sample no. of hhs		43495	5895	18597	3664	853	2984	825	21	2644	50911	-	-

size class of land possessed (hectares)	source of income: rabi											sample no. of hhs	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)		(12)
< 0.01		6.89	0.86	68.45	13.33	0.61	2.66	0.25	0.01	6.94	100.00	351.42	14159
0.01 - 0.40		91.32	6.30	1.27	0.35	0.01	0.08	0.50	0.00	0.17	100.00	52598.39	16409
0.40 - 1.00		94.64	4.22	0.58	0.05	0.01	0.02	0.44	0.00	0.06	100.00	139811.51	10212
1.01 - 2.00		95.13	4.09	0.50	0.03	0.00	0.01	0.17	0.00	0.06	100.00	147245.64	5776
2.01 - 4.00		95.07	4.17	0.42	0.03	0.01	0.01	0.24	0.00	0.05	100.00	142474.31	3003
4.01 - 10.00		96.06	3.24	0.45	0.02	0.00	0.01	0.21	0.00	0.02	100.00	123000.65	1362
10.00 +		97.86	1.91	0.08	0.00	0.00	0.00	0.09	0.00	0.06	100.00	52471.49	184
all sizes		95.05	3.98	0.55	0.06	0.01	0.02	0.27	0.00	0.06	100.00	657953.41	51105
estd. area (ha 00)		625387.60	26175.56	3649.36	416.91	39.34	112.07	1763.08	1.64	407.85	657953.41	-	-
sample no. of hhs		34543	5220	19892	4110	850	3155	786	16	2789	44458	-	-

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif									cereals	
State/ UT	river/ spring	canal	reser- voir	tank	tube- well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	3.42	43.18	0.45	10.76	24.91	14.90	2.60	21310	28407	1527
Arunachal Pradesh	27.45	29.67	0.00	0.00	0.00	0.00	43.16	366	746	282
Assam	13.02	21.69	1.04	2.14	25.15	7.51	29.10	1123	5618	521
Bihar	5.07	15.49	0.36	2.73	71.35	0.50	4.85	33115	56129	2945
Chhattisgarh	4.11	69.74	2.80	2.88	18.27	0.54	1.86	9894	9575	414
Gujarat	5.71	11.46	2.45	1.87	37.20	40.83	0.49	6656	10439	350
Haryana	1.64	12.09	0.72	0.98	83.55	0.09	1.25	8066	7864	367
Himachal Pradesh	16.44	42.00	0.00	0.24	32.14	2.89	6.29	591	2291	299
Jammu & Kashmir	12.27	66.15	0.00	0.00	4.95	0.36	16.72	2174	5306	630
Jharkhand	31.04	7.63	4.99	8.74	10.07	7.45	30.07	1126	4794	244
Karnataka	3.78	45.58	1.12	4.69	28.95	10.60	6.11	7384	14788	667
Kerala	14.63	75.49	0.00	2.20	0.52	3.11	4.06	852	2053	203
Madhya Pradesh	10.54	7.31	0.77	2.13	38.91	37.02	3.60	10753	13942	595
Maharashtra	7.90	16.92	0.21	9.02	3.67	51.74	10.49	11571	18229	819
Manipur	34.54	10.53	0.00	1.19	0.00	0.00	53.60	267	786	356
Meghalaya	47.35	22.00	4.83	0.00	0.25	12.93	12.64	479	1263	323
Mizoram	100.00	0.00	0.00	0.00	0.00	0.00	0.00	12	14	4
Nagaland	63.32	36.68	0.00	0.00	0.00	0.00	0.00	251	560	222
Orissa	16.76	70.45	0.30	5.40	2.91	1.40	2.92	6112	12209	595
Punjab	0.13	4.47	0.00	0.03	94.80	0.54	1.17	17818	8163	484
Rajasthan	0.95	6.07	0.00	0.71	43.09	32.93	16.36	12232	13900	622
Sikkim	99.64	0.00	0.00	0.00	0.00	0.00	0.36	86	393	407
Tamil Nadu	1.59	24.57	0.14	14.60	21.33	39.43	4.60	13597	19549	1161
Tripura	39.81	13.51	1.19	6.14	17.68	1.58	21.05	434	1464	624
Uttar Pradesh	0.39	17.82	0.20	0.51	78.45	1.17	1.39	58987	116334	4306
Uttaranchal	20.34	11.26	0.00	2.14	64.48	0.82	0.97	1984	4844	197
West Bengal	6.23	19.35	0.14	7.42	50.02	4.11	10.18	15712	38381	2052
Group of UTs	15.64	17.55	0.00	0.00	62.49	3.98	0.33	196	300	164
All India	4.33	22.66	0.48	3.86	52.75	11.55	4.74	243218	398693	21425

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi								cereals		
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	1.24	20.16	0.02	17.37	34.05	13.48	14.09	8407	11834	610
Arunachal Pradesh	4.30	33.37	0.00	0.00	0.00	0.00	62.33	202	478	167
Assam	10.63	16.86	1.24	5.85	49.62	2.50	13.57	1383	5307	430
Bihar	2.63	10.35	0.01	1.02	83.09	0.96	1.99	31515	60403	3117
Chhattisgarh	7.47	9.97	0.00	14.13	60.48	3.14	4.80	1337	1999	87
Gujarat	3.83	10.61	0.07	0.60	49.06	33.08	2.76	7836	9886	317
Haryana	1.61	17.55	0.00	0.43	81.33	0.31	0.73	13663	11397	523
Himachal Pradesh	7.16	43.27	0.00	0.59	33.24	1.55	14.19	654	2415	304
Jammu & Kashmir	2.41	67.57	0.21	0.19	13.70	0.40	15.52	868	1529	189
Jharkhand	29.11	30.83	4.60	0.99	10.36	22.64	1.52	1844	4102	197
Karnataka	5.12	44.14	0.57	0.80	31.77	11.77	5.83	4797	5240	250
Kerala	8.09	65.37	0.00	2.39	0.70	15.73	7.72	1003	2461	233
Madhya Pradesh	11.32	10.34	0.53	2.82	26.62	46.53	2.19	31913	23407	1025
Maharashtra	7.51	12.97	0.10	0.78	7.92	55.75	15.14	12404	19819	888
Manipur	42.95	28.54	0.00	0.00	0.00	0.00	28.51	72	166	70
Meghalaya	59.93	3.58	0.08	0.00	0.00	20.25	16.16	37	375	94
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	87.25	12.75	0.00	0.00	0.00	0.00	0.00	160	373	146
Orissa	12.50	63.44	0.73	1.08	8.75	0.67	10.75	1536	3070	149
Punjab	0.00	6.99	0.23	1.76	89.51	0.89	1.75	21962	9270	551
Rajasthan	0.46	12.08	0.00	0.15	62.01	25.29	0.00	14452	16798	790
Sikkim	100.00	0.00	0.00	0.00	0.00	0.00	0.00	10	217	197
Tamil Nadu	1.06	13.98	0.00	5.49	28.60	47.55	5.76	4570	5786	384
Tripura	41.13	13.96	0.63	1.04	33.91	1.83	9.62	241	721	279
Uttar Pradesh	0.68	14.17	0.25	0.39	81.59	2.75	0.65	76491	143485	5170
Uttaranchal	13.08	14.34	0.00	2.35	69.04	0.00	1.19	1804	6289	259
West Bengal	4.31	17.59	0.51	6.84	57.83	5.78	7.25	11568	35036	1744
Group of UTs	0.06	27.27	0.00	0.00	70.66	0.19	1.83	62	91	46
All India	3.61	14.30	0.26	2.01	62.83	14.31	3.15	250880	382213	18252

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif								pulses		
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	12.02	25.52	3.20	1.25	20.66	16.96	20.39	1751	3678	198
Arunachal Pradesh	1.63	0.00	0.00	0.00	0.00	0.00	98.37	5	47	26
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	10	65	6
Bihar	0.00	1.39	10.10	1.67	85.78	1.06	0.00	120	437	22
Chhattisgarh	0.00	66.50	0.00	24.70	28.98	0.00	0.00	61	79	5
Gujarat	12.22	5.15	0.00	0.00	51.03	27.61	3.99	849	2577	93
Haryana	0.67	19.28	0.00	0.00	78.41	0.00	1.65	329	870	33
Himachal Pradesh	25.13	33.00	0.00	0.00	0.01	0.00	41.86	44	220	33
Jammu & Kashmir	1.15	10.25	0.00	61.27	0.00	0.00	27.33	99	539	55
Jharkhand	92.33	0.60	0.00	0.00	0.00	7.08	0.00	14	103	5
Karnataka	19.62	75.22	0.00	0.00	0.19	3.79	1.18	717	1268	70
Kerala	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0	12	5
Madhya Pradesh	13.23	4.78	0.00	0.24	22.09	55.99	4.17	2628	5350	228
Maharashtra	3.71	2.17	0.00	2.49	6.01	83.77	1.84	1474	3586	158
Manipur	2.18	0.00	0.00	90.03	0.00	0.00	7.79	8	7	7
Meghalaya	82.90	17.10	0.00	0.00	0.00	0.00	0.00	3	19	3
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	7	5
Orissa	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0	7	2
Punjab	0.00	3.42	0.00	0.00	87.36	0.00	9.22	338	373	19
Rajasthan	0.00	17.05	0.00	0.00	46.62	6.50	29.83	1037	1568	82
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	71	76
Tamil Nadu	0.19	4.36	0.00	9.50	25.06	49.05	11.83	494	1129	77
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	0.91	10.99	0.00	0.07	74.58	7.28	3.74	3955	15942	611
Uttaranchal	45.24	19.33	0.00	0.00	35.42	0.00	0.00	111	915	31
West Bengal	2.33	1.52	0.00	0.00	96.11	0.00	0.04	115	302	18
Group of UTs	0.00	52.50	0.00	0.00	47.50	0.00	0.00	0	5	9
All India	6.90	14.02	0.48	1.40	41.35	27.29	8.05	14161	39179	1877

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi										pulses
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	1.15	23.29	1.53	8.54	20.52	8.13	36.18	1425	3610	186
Arunachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	6	8
Assam	0.00	0.00	0.00	21.29	38.64	23.59	16.47	51	1300	111
Bihar	0.60	2.60	0.15	1.50	79.32	0.14	15.66	1913	9523	450
Chhattisgarh	1.71	9.57	0.00	0.00	83.85	0.29	4.58	511	525	25
Gujarat	0.00	28.45	3.65	0.00	14.35	53.55	0.00	341	1323	40
Haryana	0.00	9.78	0.00	0.00	90.19	0.00	0.03	380	300	19
Himachal Pradesh	5.95	40.59	0.00	0.00	39.66	0.00	13.80	16	76	15
Jammu & Kashmir	0.00	36.54	0.00	0.00	0.00	0.00	63.46	5	112	22
Jharkhand	0.00	0.00	0.27	18.27	2.10	21.93	57.43	52	423	22
Karnataka	28.65	65.16	0.00	0.00	2.66	0.53	3.00	573	1109	46
Kerala	53.75	0.00	0.00	0.00	0.00	46.25	0.00	4	38	5
Madhya Pradesh	12.36	3.58	0.27	3.81	29.54	46.95	3.48	11016	10124	445
Maharashtra	11.63	8.58	0.00	2.82	9.01	56.59	11.41	1787	5436	257
Manipur	0.00	0.00	0.00	4.68	14.53	0.00	80.80	0	5	6
Meghalaya	100.00	0.00	0.00	0.00	0.00	0.00	0.00	3	13	3
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	12.34	53.50	0.70	2.60	0.74	1.45	24.89	821	2682	151
Punjab	0.00	0.00	0.00	0.00	89.82	0.00	10.18	58	211	16
Rajasthan	0.04	32.99	0.00	0.00	42.72	6.33	17.91	1774	1861	113
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	35	34
Tamil Nadu	0.00	7.58	0.00	0.00	76.26	13.91	2.25	486	1459	60
Tripura	100.00	0.00	0.00	0.00	0.00	0.00	0.00	1	2	1
Uttar Pradesh	1.68	21.71	0.26	0.74	50.95	17.19	2.46	7512	29409	1110
Uttaranchal	83.37	0.00	0.00	0.00	16.63	0.00	0.00	2	691	31
West Bengal	10.87	17.48	0.00	5.43	54.10	2.09	10.03	487	2776	148
Group of UTs	0.00	0.00	0.00	0.00	11.70	50.04	38.12	1	26	18
All India	7.05	14.62	0.32	2.55	38.90	27.41	7.74	29218	73073	3342

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: kharif							oil seeds		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	5.35	0.00	3.69	58.13	22.38	10.45	2501	4102	181
Arunachal Pradesh	21.43	100.00	0.00	0.00	0.00	0.00	0.00	0	0	2
Assam	14.97	0.00	0.00	0.00	85.03	0.00	0.00	45	64	6
Bihar	16.32	0.00	0.00	0.00	83.68	0.00	0.00	10	73	7
Chhattisgarh	0.40	0.00	0.00	0.00	39.95	0.00	60.05	116	115	2
Gujarat	2.22	0.94	0.00	0.00	43.68	52.95	0.22	5357	4150	128
Haryana	0.00	58.68	0.00	0.00	41.32	0.00	0.00	101	152	11
Himachal Pradesh	3.86	11.88	0.00	0.00	84.26	0.00	0.00	4	27	5
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	0
Jharkhand	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	6	1
Karnataka	17.93	29.63	0.00	0.00	30.38	22.07	0.00	1312	3050	119
Kerala	0.00	3.31	0.00	2.48	2.91	47.01	44.28	59	403	35
Madhya Pradesh	20.08	2.71	0.29	0.48	33.05	41.72	2.13	8950	7125	343
Maharashtra	12.82	5.73	0.00	7.69	2.25	55.62	17.67	2079	4041	200
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	20	7
Orissa	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	35	1
Punjab	0.00	37.38	0.00	0.00	62.62	0.00	0.00	29	79	8
Rajasthan	3.68	4.62	0.00	0.00	62.00	29.70	0.00	1141	1822	104
Sikkim	100.00	0.00	0.00	0.00	0.00	0.00	0.00	1	5	9
Tamil Nadu	0.78	11.31	0.05	0.58	29.16	48.87	9.26	1094	2484	157
Tripura	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	6	1
Uttar Pradesh	0.40	2.06	0.00	0.00	87.92	1.09	7.14	974	3810	139
Uttaranchal	0.00	93.81	0.00	0.00	6.20	0.00	0.00	3	45	2
West Bengal	7.48	0.00	0.00	0.00	83.40	0.00	9.12	123	371	24
Group of UTs	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0	9	7
All India	10.42	5.05	0.11	1.27	39.08	39.70	4.64	23901	31995	1499

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi									oil seeds	
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	8.44	0.00	9.02	49.58	10.22	23.43	2512	3392	130
Arunachal Pradesh	0.01	1.27	0.00	0.00	0.00	0.00	98.72	23	26	18
Assam	15.27	0.00	0.00	0.00	40.54	6.71	37.48	97	1018	84
Bihar	1.81	0.29	0.00	0.00	97.61	0.16	0.12	550	2760	135
Chhattisgarh	0.00	0.00	0.00	68.86	31.14	0.00	0.00	14	45	2
Gujarat	1.11	11.85	0.07	0.00	65.78	21.19	0.00	1575	1855	57
Haryana	0.00	17.44	0.00	0.00	81.18	0.16	2.29	3316	2678	130
Himachal Pradesh	25.00	52.54	0.00	0.00	9.46	13.00	0.00	10	83	19
Jammu & Kashmir	2.55	34.56	0.00	0.00	0.00	0.00	62.89	342	1101	144
Jharkhand	0.00	0.00	0.00	0.00	100.00	0.00	0.00	14	141	6
Karnataka	8.69	62.05	0.00	0.00	27.65	1.62	0.00	808	772	44
Kerala	0.00	8.68	0.00	2.95	3.46	46.15	38.76	50	247	26
Madhya Pradesh	0.19	1.11	0.00	0.05	59.17	19.85	19.67	1852	2121	83
Maharashtra	2.31	35.09	0.00	1.66	2.91	46.18	11.85	903	1552	73
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	2.35	54.15	0.34	34.37	0.00	1.96	6.82	156	363	15
Punjab	0.00	13.62	0.00	0.00	72.32	0.00	14.06	82	310	22
Rajasthan	0.25	27.94	0.00	0.00	59.56	12.25	0.00	5967	6281	320
Sikkim	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	84	84
Tamil Nadu	0.00	4.15	0.00	1.05	51.68	37.57	5.55	833	1869	100
Tripura	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	2	1
Uttar Pradesh	0.40	11.41	0.00	0.02	83.50	3.70	1.10	2993	12025	470
Uttaranchal	0.00	100.00	0.00	0.00	0.00	0.00	0.00	2	281	13
West Bengal	6.72	13.04	0.28	5.18	71.68	1.74	1.94	1736	7749	368
Group of UTs	0.00	0.00	0.00	0.00	100.00	0.00	0.00	5	9	2
All India	1.24	18.09	0.03	1.70	61.69	10.96	6.56	23839	46768	2347

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: kharif							mixed crops		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	2.08	0.34	0.00	49.39	32.32	15.88	0.00	588	392	18
Arunachal Pradesh	23.46	8.44	0.00	0.00	0.00	0.00	68.10	15	258	74
Assam	0.00	100.00	0.00	0.00	0.00	0.00	0.00	2	11	1
Bihar	2.31	0.64	0.00	0.00	97.70	0.00	0.00	20	90	7
Chhattisgarh	1.65	0.00	0.00	0.00	0.00	0.00	100.00	10	58	1
Gujarat	0.00	0.00	0.00	0.00	39.21	55.44	5.35	240	523	17
Haryana	0.00	0.00	0.00	0.00	100.00	0.00	0.00	27	145	6
Himachal Pradesh	0.63	26.57	0.00	0.00	7.97	0.00	64.83	10	84	12
Jammu & Kashmir	0.00	0.00	0.00	0.00	43.59	0.00	56.41	14	115	3
Jharkhand	0.00	0.00	0.00	0.00	0.00	100.00	0.00	2	40	4
Karnataka	9.71	24.95	0.00	16.37	16.67	31.55	0.76	345	377	23
Kerala	16.06	7.01	10.34	0.23	35.22	21.83	9.31	80	525	54
Madhya Pradesh	1.06	0.00	1.08	0.00	4.89	92.88	0.21	9451	2521	88
Maharashtra	10.08	2.25	0.00	4.45	1.12	72.86	9.25	1264	944	49
Manipur	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	1
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	25	6
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	3	1
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	-	-	-	-	-	-	-	-	-	0
Punjab	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1	3	1
Rajasthan	0.00	0.00	5.74	0.00	81.98	12.29	0.00	239	274	18
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	23	22
Tamil Nadu	0.00	0.00	0.00	0.00	3.23	96.76	0.00	144	137	13
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	1.48	4.62	0.00	0.00	91.06	1.14	1.27	565	1982	82
Uttaranchal	27.18	0.00	0.00	0.00	72.83	0.00	0.00	4	43	2
West Bengal	0.00	0.00	0.00	0.00	65.13	0.00	34.87	15	98	4
Group of UTs	0.00	0.00	0.00	0.00	99.16	0.00	0.84	10	13	6
All India	2.30	1.19	0.95	3.09	12.54	78.41	1.59	13047	8682	513

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							mixed crops		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	0.00	0.00	0.00	0.00	100.00	0.00	1	3	1
Arunachal Pradesh	1.28	35.51	0.00	0.00	0.00	0.00	63.21	3	67	18
Assam	-	-	-	-	-	-	-	-	-	0
Bihar	0.30	4.45	0.00	0.07	37.51	0.00	57.68	403	956	45
Chhattisgarh	0.00	100.00	0.00	0.00	0.00	0.00	0.00	17	17	1
Gujarat	0.00	0.00	0.00	0.00	79.06	20.94	0.00	33	26	2
Haryana	0.00	0.00	0.00	0.00	100.00	0.00	0.00	40	75	3
Himachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	5	1
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0	2	1
Jharkhand	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	12	1
Karnataka	0.00	66.45	0.00	0.00	23.15	9.34	1.06	245	196	11
Kerala	30.85	4.21	0.00	2.36	28.77	10.12	23.70	118	786	73
Madhya Pradesh	0.00	0.00	0.00	0.00	33.66	66.34	0.00	151	317	16
Maharashtra	11.24	0.00	0.00	0.00	2.28	85.97	0.52	134	304	9
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0	4	2
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1	2
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	-	-	-	-	-	-	-	-	-	0
Punjab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	51	71	6
Rajasthan	0.00	0.00	0.00	0.00	100.00	0.00	0.00	29	47	4
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	40	40
Tamil Nadu	0.00	0.00	0.00	0.00	19.99	80.02	0.00	61	63	5
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Uttar Pradesh	2.35	25.74	2.41	0.87	74.82	0.25	0.59	1528	3427	114
Uttaranchal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	5	2
West Bengal	0.00	0.00	0.00	28.30	49.12	0.00	22.58	15	80	10
Group of UTs	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0	2	1
All India	3.14	21.11	1.30	0.73	56.70	10.97	9.84	2829	6507	368

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: kharif							sugarcane		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	10.41	0.64	5.17	72.84	9.59	1.36	975	1757	86
Arunachal Pradesh	65.48	0.00	0.00	0.00	0.00	0.00	34.52	4	19	5
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	23	36	7
Bihar	0.00	5.53	18.38	0.00	76.09	0.00	0.00	402	977	57
Chhattisgarh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	215	288	6
Gujarat	0.00	36.85	0.00	0.00	26.73	36.42	0.00	860	487	32
Haryana	1.11	15.32	0.00	1.77	81.80	0.00	0.00	792	766	41
Himachal Pradesh	0.00	100.00	0.00	0.00	0.00	0.00	0.00	4	9	3
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	0
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	30.90	9.92	0.00	0.71	21.50	36.97	0.00	2040	2095	127
Kerala	0.00	0.00	0.00	1.11	0.00	98.59	0.30	3	18	4
Madhya Pradesh	47.41	0.00	0.00	0.00	35.97	16.62	0.00	343	208	14
Maharashtra	25.12	5.99	0.00	2.45	14.88	50.69	1.70	5224	6244	300
Manipur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1	1
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	68.39	0.00	0.00	31.61	0.00	0.00	0.00	4	35	4
Punjab	1.54	1.10	0.00	0.00	98.00	0.00	0.00	728	587	42
Rajasthan	0.00	0.00	0.00	0.00	1.57	0.28	98.16	230	63	3
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2	1
Tamil Nadu	0.00	12.70	0.00	1.37	29.19	59.41	0.00	1642	2021	141
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	1.01	9.67	0.00	0.14	91.70	0.37	0.06	15475	29824	1189
Uttaranchal	0.00	17.39	0.00	0.00	59.20	0.00	23.41	194	278	21
West Bengal	0.00	0.00	0.00	3.39	96.61	0.00	0.00	26	69	6
Group of UTs	0.00	33.24	0.00	0.00	52.44	9.25	5.08	19	35	26
All India	7.86	9.70	0.28	0.87	65.06	16.79	1.32	29211	45829	2117

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							sugarcane		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	4.53	0.51	0.00	2.25	86.61	6.11	0.00	414	657	31
Arunachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	24	10	4
Assam	-	-	-	-	-	-	-	-	-	0
Bihar	0.00	0.00	0.00	0.00	100.00	0.00	0.00	39	73	5
Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	100.00	4	9	1
Gujarat	0.00	37.80	0.00	0.00	18.75	43.46	0.00	650	434	25
Haryana	0.00	28.87	0.00	0.00	71.13	0.00	0.00	47	122	6
Himachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	13	1
Jammu & Kashmir	-	-	-	-	-	-	-	-	-	0
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	21.88	8.79	0.00	0.00	28.47	40.86	0.00	702	988	64
Kerala	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	2	1
Madhya Pradesh	53.26	0.00	0.00	0.00	21.33	25.42	0.00	176	142	9
Maharashtra	26.06	5.75	0.41	1.58	7.48	60.12	0.00	1110	1119	81
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	49.08	40.14	0.00	0.00	10.78	0.00	0.00	31	176	10
Punjab	0.00	11.86	0.00	0.00	100.00	0.00	0.00	28	47	3
Rajasthan	0.00	0.00	0.00	0.00	20.79	79.21	0.00	46	126	5
Sikkim	-	-	-	-	-	-	-	-	-	0
Tamil Nadu	0.00	14.80	0.00	0.11	37.75	47.44	0.00	922	1132	77
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	0.36	6.34	0.15	0.55	93.49	0.05	0.95	7538	13688	535
Uttaranchal	0.00	18.06	0.00	0.00	81.94	0.00	0.00	146	314	19
West Bengal	35.61	0.61	0.00	25.09	16.73	0.00	21.96	18	156	14
Group of UTs	0.00	0.59	0.00	0.00	97.03	2.39	0.00	73	23	7
All India	5.24	8.72	0.13	0.61	71.08	14.91	0.66	11980	19239	899

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: kharif							other crops		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	7.55	12.16	0.00	1.33	29.37	27.23	22.36	1773	2759	126
Arunachal Pradesh	31.09	1.22	0.00	0.00	0.00	0.00	57.15	26	91	41
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	26	58	3
Bihar	0.00	0.00	0.00	0.00	60.45	0.00	0.03	75	288	17
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	0.00	0.00	0.00	0.00	36.95	34.25	30.31	843	633	31
Haryana	0.00	63.97	0.00	0.00	38.44	0.00	0.00	948	1387	54
Himachal Pradesh	0.27	27.02	0.00	0.00	0.00	0.00	72.71	10	66	10
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1	2	1
Jharkhand	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0	51	4
Karnataka	4.73	2.72	0.00	0.00	32.24	46.84	13.47	239	656	42
Kerala	3.42	16.82	0.00	9.40	8.12	35.65	26.59	51	1548	140
Madhya Pradesh	8.45	0.17	8.35	0.00	32.76	50.28	0.00	1191	1278	64
Maharashtra	0.69	9.55	0.00	11.08	5.40	54.10	19.19	694	1216	57
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	35.63	64.37	0.00	0.00	0.00	0.00	0.00	3	86	19
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	51	24
Orissa	-	-	-	-	-	-	-	-	-	0
Punjab	0.00	46.18	0.00	0.00	24.18	0.00	29.64	187	239	10
Rajasthan	0.00	8.56	0.00	0.00	63.12	28.32	0.00	358	1007	49
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	124	126
Tamil Nadu	1.76	1.66	0.00	7.17	27.84	58.01	3.74	736	2550	142
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	6	2
Uttar Pradesh	0.00	26.58	0.00	0.00	66.44	0.19	6.80	1008	2858	104
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	1.85	4.09	0.00	1.93	91.99	0.15	0.00	64	548	34
Group of UTs	0.26	0.00	0.00	0.00	99.72	0.00	0.02	10	42	12
All India	3.34	15.89	1.21	1.93	36.30	29.19	12.20	8245	17549	1113

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							other crops		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	3.16	6.64	0.00	1.49	47.22	21.12	20.37	369	1014	43
Arunachal Pradesh	85.14	9.53	0.00	0.00	0.00	0.00	5.33	19	38	15
Assam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	297	21
Bihar	0.00	0.00	0.00	0.60	94.56	0.00	4.84	115	824	35
Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	100.00	4	9	1
Gujarat	6.51	14.61	0.00	0.00	64.82	4.82	9.25	1816	1916	47
Haryana	0.00	45.05	0.00	0.00	63.85	0.00	0.00	122	177	8
Himachal Pradesh	6.74	49.22	0.00	0.00	0.00	0.00	44.05	2	57	8
Jammu & Kashmir	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	7	2
Jharkhand	27.70	0.00	40.06	0.00	0.54	31.70	0.00	55	185	10
Karnataka	0.00	0.00	15.97	1.89	25.45	32.65	30.04	107	315	23
Kerala	5.02	1.78	0.00	0.00	16.20	19.92	57.08	113	2215	213
Madhya Pradesh	12.90	0.00	0.00	0.00	10.65	71.43	5.02	198	475	24
Maharashtra	0.24	7.73	0.00	0.00	25.38	66.65	0.00	270	696	28
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	100.00	0.00	0.00	0.00	0.00	0.00	0.00	1	26	11
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	0.00	37.10	0.00	55.28	5.01	2.62	0.00	3	142	5
Punjab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	34	36	3
Rajasthan	0.00	0.00	0.00	0.00	70.16	29.84	0.10	950	1021	63
Sikkim	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	24	14
Tamil Nadu	0.30	3.05	0.00	0.12	20.32	73.63	2.90	375	1110	66
Tripura	93.81	0.00	0.00	1.04	0.24	4.91	0.00	6	16	7
Uttar Pradesh	0.00	0.29	0.00	0.00	99.15	0.04	0.00	1044	4119	160
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	1.93	1.00	0.00	4.13	92.67	0.03	0.25	328	1147	66
Group of UTs	0.00	0.00	0.00	0.00	90.07	9.90	0.02	8	27	12
All India	3.50	6.55	0.66	0.40	63.92	18.92	6.28	5942	15910	888

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif								vegetables		
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.22	9.23	0.00	0.59	63.96	22.09	3.91	524	1429	78
Arunachal Pradesh	45.05	1.64	0.00	0.00	0.00	0.00	53.31	11	109	37
Assam	0.00	21.33	0.00	9.51	44.70	14.02	10.44	57	1217	92
Bihar	0.31	0.66	0.00	0.03	93.52	2.82	2.66	259	3290	183
Chhattisgarh	12.51	0.62	0.00	0.00	6.87	75.52	4.49	36	385	16
Gujarat	2.63	7.54	0.00	0.00	74.05	14.30	1.49	200	773	32
Haryana	0.00	10.39	0.00	0.00	85.11	0.00	4.50	182	358	18
Himachal Pradesh	34.74	15.69	0.00	0.00	31.65	0.00	18.59	180	434	93
Jammu & Kashmir	25.30	44.41	0.00	0.00	9.20	5.33	15.75	182	3213	351
Jharkhand	0.49	1.57	0.80	0.21	3.06	92.81	1.93	672	5314	290
Karnataka	0.66	0.00	0.00	14.36	62.91	20.09	1.97	678	2186	100
Kerala	4.44	13.50	0.00	3.31	22.70	46.18	10.29	124	1006	93
Madhya Pradesh	4.12	1.22	16.09	0.44	6.18	64.47	7.75	414	1891	82
Maharashtra	11.77	1.06	0.00	1.64	10.69	73.90	0.93	1153	3185	172
Manipur	0.14	0.00	0.00	55.73	0.00	0.00	44.13	3	123	65
Meghalaya	70.80	15.97	9.96	0.00	0.00	3.27	0.00	10	319	77
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	3	1
Nagaland	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	96	46
Orissa	6.18	21.31	0.16	14.83	6.44	42.41	13.86	87	1239	61
Punjab	0.03	13.78	0.00	0.00	84.94	0.95	0.93	420	325	35
Rajasthan	0.00	1.75	0.00	0.00	10.81	4.06	83.39	1891	1201	57
Sikkim	100.00	0.00	0.00	0.00	0.00	0.00	0.00	2	338	354
Tamil Nadu	2.00	12.49	0.00	4.00	6.25	71.33	6.88	481	1614	120
Tripura	47.32	12.43	0.77	7.41	13.35	0.98	17.87	16	183	100
Uttar Pradesh	2.21	3.95	0.00	0.65	90.80	1.87	0.57	1551	7402	341
Uttaranchal	10.76	22.15	0.00	0.00	67.10	0.00	0.00	132	1304	52
West Bengal	7.14	22.04	0.05	14.91	49.89	3.47	2.51	558	4107	229
Group of UTs	0.00	0.00	0.00	0.00	92.20	6.00	1.80	2	8	10
All India	4.19	6.48	0.75	2.65	40.52	26.91	18.82	9823	43057	3186

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							vegetables		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	9.66	0.00	0.00	41.22	29.57	19.56	464	1033	57
Arunachal Pradesh	42.73	0.12	0.00	0.00	0.00	0.00	57.15	42	230	84
Assam	2.47	4.89	0.99	5.89	31.76	16.51	37.65	490	9414	793
Bihar	0.48	0.10	0.00	0.87	96.97	0.44	1.14	750	8229	418
Chhattisgarh	13.31	0.00	0.00	22.86	40.41	22.19	1.23	44	309	15
Gujarat	0.00	8.96	0.00	4.38	45.08	42.24	0.20	696	1423	42
Haryana	0.00	0.00	0.00	0.00	100.00	0.00	0.00	81	157	11
Himachal Pradesh	20.89	21.11	0.00	0.84	49.85	0.00	7.32	150	441	67
Jammu & Kashmir	31.23	35.80	0.00	0.00	9.52	5.68	18.17	127	2511	289
Jharkhand	6.63	0.00	0.77	1.24	5.01	84.45	1.37	1185	8417	441
Karnataka	1.89	33.95	0.00	11.22	47.89	5.05	0.00	642	918	61
Kerala	10.12	8.12	0.00	8.01	0.00	29.35	44.38	187	1148	87
Madhya Pradesh	8.89	1.41	0.00	0.00	41.34	47.74	0.63	184	1335	59
Maharashtra	24.54	1.29	0.21	0.57	0.18	72.11	1.35	1065	2860	159
Manipur	3.98	0.00	0.00	52.78	2.22	0.00	40.99	7	310	149
Meghalaya	67.17	0.00	0.00	0.00	0.00	0.00	32.83	15	1058	282
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	156	80
Orissa	18.76	20.05	3.29	11.74	12.72	27.89	5.80	205	2258	97
Punjab	0.00	3.86	0.00	0.00	99.19	0.00	0.81	116	154	16
Rajasthan	0.00	2.98	0.00	0.00	93.29	3.73	0.00	182	402	23
Sikkim	87.67	0.00	0.00	12.29	0.00	0.00	0.00	8	474	457
Tamil Nadu	0.57	3.45	0.00	1.67	7.83	80.45	6.06	395	1232	87
Tripura	49.57	25.95	0.00	10.85	3.46	0.95	9.57	81	738	300
Uttar Pradesh	0.56	6.38	0.00	0.07	92.39	0.20	0.05	4479	24819	964
Uttaranchal	22.26	0.00	0.00	0.00	74.94	0.00	2.80	8	594	29
West Bengal	16.52	5.85	0.28	15.29	52.69	2.82	6.73	3548	15186	751
Group of UTs	0.00	0.00	0.00	0.00	71.76	28.22	0.00	4	45	24
All India	7.98	6.85	0.22	5.11	55.29	19.59	4.96	15154	85854	5843

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: kharif							fruits and nuts		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.96	8.79	0.32	1.94	53.36	33.45	1.17	768	927	63
Arunachal Pradesh	24.39	75.61	0.00	0.00	0.00	0.00	0.00	0	35	22
Assam	0.00	1.40	0.00	0.00	0.00	0.00	98.60	6	223	33
Bihar	0.00	0.36	0.00	0.00	93.57	0.00	6.07	82	335	24
Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1	58	1
Gujarat	0.00	0.59	0.00	0.00	85.70	13.71	0.00	121	358	17
Haryana	0.00	0.00	0.00	0.00	100.00	0.00	0.00	55	34	1
Himachal Pradesh	3.61	29.54	26.16	3.42	3.93	0.00	33.35	83	193	29
Jammu & Kashmir	13.45	41.74	0.00	0.00	1.70	0.00	43.11	131	313	55
Jharkhand	0.00	0.00	0.00	0.00	0.00	100.00	0.00	2	24	1
Karnataka	0.76	5.38	6.14	2.47	72.73	12.09	0.42	536	1145	70
Kerala	5.25	12.44	0.00	9.54	9.95	45.42	17.41	258	2099	193
Madhya Pradesh	5.66	0.00	0.00	0.00	0.00	94.34	0.00	319	455	18
Maharashtra	3.04	4.16	0.00	0.00	16.96	77.12	0.07	831	1463	84
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	105	33
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	3	1
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	136	5
Punjab	0.00	4.40	0.00	0.00	95.61	0.00	0.00	29	37	2
Rajasthan	0.00	0.00	0.00	0.00	83.84	16.17	0.00	2	13	3
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	7	6
Tamil Nadu	3.98	1.46	0.00	0.10	9.33	83.03	2.21	1208	2702	179
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	7	3
Uttar Pradesh	20.86	12.82	0.00	0.00	64.63	0.00	1.69	748	1554	70
Uttaranchal	0.00	0.00	0.00	0.00	100.00	0.00	0.00	18	64	9
West Bengal	14.83	0.36	0.09	3.39	80.13	0.00	1.20	55	419	35
Group of UTs	0.00	58.76	0.00	0.00	0.00	40.68	0.56	2	48	17
All India	5.75	6.80	1.08	1.11	35.81	46.06	3.64	5294	12826	991

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							fruits and nuts		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	3.87	0.50	3.02	35.56	52.11	5.37	494	937	66
Arunachal Pradesh	56.34	43.66	0.00	0.00	0.00	0.00	0.00	0	6	3
Assam	0.00	0.00	0.00	0.00	0.00	7.47	92.53	1	104	9
Bihar	0.00	0.45	0.00	1.28	91.60	0.00	6.68	65	420	31
Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Gujarat	0.00	1.32	0.00	4.65	67.62	26.41	0.00	237	410	27
Haryana	-	-	-	-	-	-	-	-	-	0
Himachal Pradesh	11.43	46.63	0.00	0.00	0.00	0.00	41.94	24	53	12
Jammu & Kashmir	0.65	34.45	0.00	0.00	0.00	0.00	64.78	53	141	30
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	1.13	0.00	0.00	4.37	72.88	17.92	3.70	364	860	48
Kerala	1.84	11.48	0.00	3.50	1.21	40.34	41.58	317	2747	249
Madhya Pradesh	0.00	0.00	0.00	0.00	8.71	91.29	0.00	201	141	7
Maharashtra	6.18	2.31	0.00	0.00	13.51	78.00	0.00	541	895	54
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	67	32
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	82	6
Punjab	0.00	100.00	0.00	0.00	0.00	0.00	0.00	21	4	1
Rajasthan	0.00	0.00	0.00	0.00	84.76	15.24	0.00	14	95	6
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1	1
Tamil Nadu	3.54	10.22	0.00	0.28	5.46	79.76	0.83	1356	2821	166
Tripura	0.00	25.22	0.00	73.11	0.13	1.54	0.00	6	98	25
Uttar Pradesh	0.50	11.43	0.00	0.00	95.68	0.13	1.66	1032	2481	107
Uttaranchal	0.00	0.00	0.00	0.00	100.00	0.00	0.00	5	20	4
West Bengal	1.39	0.04	7.82	14.24	53.18	0.00	12.69	81	741	46
Group of UTs	72.41	4.94	0.00	0.00	0.42	22.22	0.02	5	25	15
All India	3.10	7.80	0.18	1.50	38.61	45.33	5.35	4874	13199	954

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif									plantation	
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.63	5.59	0.00	0.00	57.92	31.43	4.44	294	554	58
Arunachal Pradesh	16.80	21.23	0.00	0.00	0.00	0.00	81.19	0	20	11
Assam	0.00	0.00	0.00	0.00	81.26	0.00	18.74	5	49	7
Bihar	32.85	8.59	0.00	0.00	52.32	0.00	6.24	156	713	39
Chhattisgarh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	4	1	1
Gujarat	37.33	0.00	0.00	0.00	49.70	12.97	0.00	40	44	3
Haryana	-	-	-	-	-	-	-	-	-	0
Himachal Pradesh	8.30	15.04	0.00	0.00	12.86	0.00	63.80	6	22	7
Jammu & Kashmir	0.00	0.00	0.00	0.00	1.50	0.00	98.50	4	49	7
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.54	5.57	2.86	0.69	64.58	23.47	2.45	1941	4776	233
Kerala	6.07	44.95	2.20	4.82	2.41	19.31	20.36	1688	6524	661
Madhya Pradesh	0.00	0.00	0.00	0.00	6.12	93.88	0.00	283	143	7
Maharashtra	1.43	0.00	0.00	0.00	14.35	84.22	0.00	539	614	26
Manipur	100.00	0.00	0.00	0.00	0.00	0.00	0.00	2	2	1
Meghalaya	1.71	0.00	0.00	0.00	23.80	2.28	72.20	1	200	40
Mizoram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Nagaland	100.00	0.00	0.00	0.00	0.00	0.00	0.00	1	3	1
Orissa	0.00	0.00	0.00	100.00	0.00	0.00	0.00	1	34	3
Punjab	0.00	0.00	0.00	0.00	98.17	0.00	1.83	159	216	5
Rajasthan	0.00	0.00	0.00	0.00	100.00	0.00	0.00	8	48	3
Sikkim	30.98	0.00	0.00	0.00	0.00	0.00	69.02	2	61	69
Tamil Nadu	2.48	8.39	0.00	0.31	16.64	71.78	0.41	1847	3637	235
Tripura	99.26	0.00	0.00	0.00	0.00	0.00	0.00	0	7	7
Uttar Pradesh	1.02	2.85	0.00	0.00	91.92	0.45	3.75	75	414	19
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	0.41	0.00	3.26	3.54	64.98	0.00	27.81	43	411	39
Group of UTs	0.00	4.75	0.00	0.00	85.53	9.70	0.02	5	52	35
All India	3.39	14.84	1.32	1.45	31.54	41.19	6.34	7110	18620	1524

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi									plantation	
State/ UT	river/sp ring	canal	reser- voir	tank	tube- well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	8.05	4.19	0.00	0.00	80.12	5.46	1.45	427	895	77
Arunachal Pradesh	10.17	66.29	0.00	0.00	0.00	0.00	23.55	0	0	3
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	4	175	14
Bihar	0.00	0.00	0.00	0.00	90.24	0.00	9.76	86	534	25
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	0.00	0.00	0.00	0.00	51.85	48.15	0.00	36	137	3
Haryana	-	-	-	-	-	-	-	-	-	0
Himachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0	1	1
Jammu & Kashmir	0.00	0.00	0.00	0.00	46.45	0.00	53.56	5	38	7
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.71	4.20	1.20	2.32	64.66	21.82	5.31	2179	4877	260
Kerala	6.32	4.76	2.14	1.81	1.61	28.75	54.58	1542	10165	979
Madhya Pradesh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	1	12	2
Maharashtra	0.00	0.00	0.00	0.00	0.00	64.34	35.66	44	176	16
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	67.59	0.00	0.00	0.00	0.00	0.00	0.00	1	500	122
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	7	3
Orissa	0.00	0.00	0.00	100.00	0.00	0.00	0.00	1	134	7
Punjab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	120	76	2
Rajasthan	0.00	0.00	0.00	0.00	0.00	100.00	0.00	29	46	2
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	31	28
Tamil Nadu	2.85	2.51	0.00	0.34	20.61	72.23	1.57	1472	2843	200
Tripura	61.54	0.00	0.00	0.00	0.00	0.00	38.46	6	57	19
Uttar Pradesh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	36	248	8
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	3.41	2.93	0.00	1.63	62.91	1.24	27.87	79	769	54
Group of UTs	0.00	0.00	0.00	0.00	93.85	6.13	0.02	8	121	118
All India	3.78	3.90	0.97	1.40	39.04	33.91	17.05	6138	21955	1962

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif								fibre crops		
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	0.91	0.00	5.45	32.71	35.06	25.87	1884	2072	70
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	0
Assam	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	127	11
Bihar	0.00	2.99	1.05	6.31	65.83	0.00	23.83	275	649	39
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	2.46	1.81	0.00	0.00	59.53	36.20	0.00	2802	2193	77
Haryana	0.13	45.30	0.00	0.00	56.92	0.00	0.40	1625	1282	73
Himachal Pradesh	-	-	-	-	-	-	-	-	-	0
Jammu & Kashmir	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	8	1
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.00	0.00	0.00	4.21	88.46	2.35	4.99	98	432	22
Kerala	26.42	0.00	0.00	0.00	36.25	37.23	0.10	12	186	20
Madhya Pradesh	14.34	0.39	0.00	1.83	22.24	56.34	4.87	1040	1560	69
Maharashtra	3.11	3.16	0.00	2.24	21.15	66.53	3.85	3298	2565	114
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	-	-	-	-	-	-	-	-	-	0
Punjab	0.00	56.08	0.00	0.00	43.55	0.92	0.00	2090	1284	86
Rajasthan	0.00	60.27	0.00	0.00	34.49	5.45	0.00	3007	2274	120
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	1
Tamil Nadu	0.00	9.71	0.00	18.36	0.00	42.01	29.92	128	345	22
Tripura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	11	1
Uttar Pradesh	0.00	1.59	0.00	0.00	92.44	0.00	5.97	74	379	15
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	4.49	6.49	0.00	0.35	84.27	2.52	1.89	2302	6945	346
Group of UTs	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	8	13
All India	2.30	21.83	0.02	1.33	44.89	25.52	4.44	18634	22317	1100

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							fibre crops		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	0.47	0.00	0.00	34.88	23.68	40.97	300	348	16
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	0
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	5	9	2
Bihar	0.00	0.00	0.00	0.00	17.74	0.00	82.26	69	187	8
Chhattisgarh	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	8	1
Gujarat	0.00	2.52	0.00	0.00	66.21	31.28	0.00	2429	1652	45
Haryana	-	-	-	-	-	-	-	-	-	0
Himachal Pradesh	-	-	-	-	-	-	-	-	-	0
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	100.00	3	15	1
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.00	66.04	0.00	0.00	32.40	0.36	1.20	312	166	7
Kerala	0.00	0.00	0.00	0.92	0.05	25.14	73.89	37	100	17
Madhya Pradesh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	241	45	2
Maharashtra	0.00	3.30	0.00	0.00	0.00	57.24	42.77	23	66	4
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	11	1
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	20	1
Punjab	0.00	0.00	0.00	0.00	100.00	0.00	0.00	49	116	3
Rajasthan	0.00	5.34	0.00	0.00	0.00	68.09	26.57	50	128	6
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0
Tamil Nadu	0.00	0.00	0.00	9.55	11.77	78.68	0.00	68	222	15
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	0.00	0.00	0.00	0.00	100.00	0.00	0.00	7	33	4
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	3.51	2.13	0.00	3.40	90.12	0.09	0.75	842	1307	82
Group of UTs	-	-	-	-	-	-	-	-	-	0
All India	0.67	6.59	0.00	0.80	65.17	21.33	5.47	4442	4438	217

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif										
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	fodder
										sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	56.48	0.00	3.63	30.47	7.95	1.48	232	354	18
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	0
Assam	-	-	-	-	-	-	-	-	-	0
Bihar	0.00	2.08	0.00	0.00	82.22	0.00	1.39	119	510	23
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	0.00	0.00	0.00	0.00	53.05	46.95	0.00	322	1015	35
Haryana	0.81	22.28	0.39	0.63	74.20	1.14	0.55	3432	7224	358
Himachal Pradesh	49.29	6.44	14.68	0.00	9.52	9.35	10.72	55	171	39
Jammu & Kashmir	7.07	86.88	0.00	0.00	6.06	0.00	0.00	34	140	18
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.00	0.00	0.00	0.00	100.00	0.00	0.00	12	27	2
Kerala	0.00	74.68	0.00	0.00	0.00	25.32	0.00	0	20	5
Madhya Pradesh	4.36	0.00	0.00	0.00	4.13	91.51	0.00	95	252	15
Maharashtra	6.37	0.79	0.00	0.00	3.92	74.64	15.41	1159	2583	122
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	6	1
Punjab	0.09	10.41	0.00	0.00	86.15	0.76	1.35	3215	8979	548
Rajasthan	0.00	47.06	0.00	0.00	37.89	6.03	9.16	1825	1816	122
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	29	25
Tamil Nadu	0.00	1.18	0.00	0.00	44.09	39.97	14.77	300	484	45
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	0.60	6.74	0.00	0.10	90.47	2.58	0.67	4647	21161	826
Uttaranchal	0.00	8.85	0.00	0.00	66.43	0.00	24.71	78	274	24
West Bengal	0.00	0.77	0.00	0.00	94.46	4.77	0.00	131	383	21
Group of UTs	0.00	0.00	0.00	0.00	96.95	0.00	3.05	3	8	19
All India	1.06	15.70	0.14	0.22	69.80	9.88	3.28	15660	45442	2267

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

State/ UT	season: rabi							fodder		
	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	2.05	0.00	0.00	92.15	0.00	7.85	40	156	8
Arunachal Pradesh	-	-	-	-	-	-	-	-	-	0
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	5	17	1
Bihar	0.00	1.63	0.00	0.00	98.37	0.00	0.00	53	267	15
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	0.00	5.46	0.00	0.00	81.74	12.81	0.00	617	1234	52
Haryana	1.62	16.53	0.00	0.00	81.21	0.27	0.89	1045	5954	311
Himachal Pradesh	0.00	35.92	0.00	0.00	2.37	0.00	61.71	34	136	19
Jammu & Kashmir	8.27	60.51	0.00	1.67	2.01	0.00	27.54	98	361	61
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.00	17.28	0.00	0.00	75.85	6.87	0.00	36	234	11
Kerala	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0	1	1
Madhya Pradesh	0.00	13.42	0.00	0.00	74.35	12.23	0.00	163	428	18
Maharashtra	12.59	7.61	0.00	1.22	1.11	70.57	11.20	565	1701	93
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	-	-	-	-	-	-	-	-	-	0
Orissa	-	-	-	-	-	-	-	-	-	0
Punjab	0.00	7.31	0.10	1.55	90.10	0.66	0.92	3127	9226	552
Rajasthan	0.00	27.78	0.00	0.00	62.09	10.12	0.00	375	1702	107
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	90	76
Tamil Nadu	2.32	0.00	0.00	0.00	16.52	81.16	0.12	208	535	45
Tripura	-	-	-	-	-	-	-	-	-	0
Uttar Pradesh	0.47	7.75	0.00	0.15	91.28	1.25	0.59	2072	19566	734
Uttaranchal	0.00	20.80	0.00	0.00	79.20	0.00	0.00	86	316	22
West Bengal	0.00	0.00	0.00	0.00	100.00	0.00	0.00	14	56	3
Group of UTs	2.96	0.00	0.00	0.00	94.82	2.22	0.00	3	8	13
All India	1.30	10.10	0.04	0.70	78.04	8.86	1.93	8541	41996	2144

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif									other	
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	6.90	9.17	0.00	1.48	24.66	41.16	16.63	107	483	29
Arunachal Pradesh	71.86	16.16	0.00	0.00	0.00	0.00	15.64	18	61	9
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	9	111	9
Bihar	8.61	27.00	0.00	1.31	39.82	0.00	23.15	13	112	18
Chhattisgarh	-	-	-	-	-	-	-	-	-	0
Gujarat	0.00	0.00	0.00	0.00	0.00	100.00	0.00	5	5	1
Haryana	0.00	39.16	0.00	0.00	60.85	0.00	0.00	171	132	11
Himachal Pradesh	100.00	0.00	0.00	0.00	0.00	0.00	0.00	2	6	2
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1	1	2
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	0.00	0.95	0.00	0.00	97.04	2.01	0.00	307	476	21
Kerala	0.00	4.20	0.00	0.00	0.00	95.80	0.00	4	193	21
Madhya Pradesh	2.56	2.68	0.00	0.00	44.50	50.26	0.00	285	384	20
Maharashtra	0.00	0.00	0.00	0.00	0.00	100.00	0.00	220	503	22
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	-	-	-	-	-	-	-	-	-	0
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	14	4
Orissa	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0	8	1
Punjab	0.00	100.00	0.00	0.00	0.00	0.00	0.00	11	16	1
Rajasthan	0.00	0.00	0.00	0.00	26.94	71.90	1.17	53	156	8
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	6	9
Tamil Nadu	1.79	10.83	0.00	0.00	25.88	58.17	3.33	93	773	41
Tripura	97.88	2.45	0.00	0.00	0.00	0.00	0.00	6	47	14
Uttar Pradesh	0.56	9.84	0.00	0.00	84.11	0.00	3.27	204	972	42
Uttaranchal	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0	20	1
West Bengal	9.15	7.32	0.00	43.18	34.18	0.48	5.69	31	353	31
Group of UTs	0.00	0.00	0.00	0.00	82.37	0.00	17.63	1	16	5
All India	2.72	8.92	0.00	0.99	51.38	33.35	2.38	1541	4851	323

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi										other
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	0.00	69.04	0.00	0.00	33.38	0.14	0.30	200	405	22
Arunachal Pradesh	0.00	0.00	0.00	0.00	0.00	0.00	100.00	1	8	2
Assam	0.00	0.00	0.00	0.00	100.00	0.00	0.00	9	113	9
Bihar	0.00	0.00	0.01	0.16	99.02	0.00	0.81	73	377	23
Chhattisgarh	0.00	0.00	0.00	100.00	0.00	0.00	0.00	4	18	1
Gujarat	0.00	0.00	0.00	0.00	0.00	100.00	0.00	38	16	2
Haryana	0.00	68.47	0.00	0.00	31.53	0.00	0.00	18	72	4
Himachal Pradesh	0.00	100.00	0.00	0.00	0.00	0.00	0.00	2	81	9
Jammu & Kashmir	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	10	1
Jharkhand	-	-	-	-	-	-	-	-	-	0
Karnataka	1.68	0.72	0.00	0.00	92.94	4.66	0.00	133	402	17
Kerala	0.00	0.10	0.00	0.00	0.00	4.40	95.50	159	530	44
Madhya Pradesh	42.82	7.20	0.00	0.00	0.00	49.98	0.00	92	143	8
Maharashtra	38.13	0.00	0.00	0.00	0.69	61.18	0.00	70	318	19
Manipur	-	-	-	-	-	-	-	-	-	0
Meghalaya	0.00	0.00	0.00	0.00	0.00	100.00	0.00	1	67	10
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	11	14
Orissa	0.00	0.00	41.56	0.00	58.44	0.00	0.00	1	16	3
Punjab	-	-	-	-	-	-	-	-	-	0
Rajasthan	0.00	18.08	0.00	0.00	44.72	37.21	0.00	15	68	7
Sikkim	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	3	2
Tamil Nadu	6.39	0.00	0.00	0.00	12.69	80.42	0.50	26	572	37
Tripura	100.00	0.00	0.00	0.00	0.00	0.00	0.00	1	11	4
Uttar Pradesh	0.00	0.00	0.00	0.00	97.69	0.00	2.31	110	533	22
Uttaranchal	-	-	-	-	-	-	-	-	-	0
West Bengal	2.13	32.59	0.00	2.06	58.36	0.43	4.44	35	478	35
Group of UTs	15.12	0.00	0.00	0.00	60.99	0.00	23.90	1	10	3
All India	7.27	17.70	0.03	0.46	42.08	17.06	15.97	989	4261	298

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: kharif										all
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	3.37	31.77	0.49	8.87	31.11	18.01	6.52	32707	32700	1785
Arunachal Pradesh	29.72	25.47	0.00	0.00	0.00	0.00	44.58	464	692	266
Assam	11.71	19.75	0.89	2.25	32.05	7.07	26.00	1492	2002	177
Bihar	5.01	14.96	0.60	2.66	71.56	0.50	4.90	34707	56237	2971
Chhattisgarh	3.99	67.15	2.68	2.90	20.25	0.78	2.58	10337	10002	429
Gujarat	3.78	6.78	0.89	0.68	43.70	42.33	1.91	18295	14027	477
Haryana	1.10	21.69	0.46	0.73	75.43	0.30	0.89	15727	10507	506
Himachal Pradesh	20.57	33.33	3.01	0.43	26.31	2.24	14.23	991	2796	393
Jammu & Kashmir	12.65	61.14	0.00	2.29	5.11	0.66	18.52	2639	5673	673
Jharkhand	20.14	5.32	3.39	5.50	7.38	39.23	19.36	1817	7084	386
Karnataka	8.64	30.29	1.10	3.49	35.73	17.55	3.61	15609	14096	710
Kerala	8.42	46.87	1.45	4.32	4.37	19.21	15.43	3131	6489	640
Madhya Pradesh	10.73	3.28	1.05	0.84	25.46	56.70	2.21	35753	17707	789
Maharashtra	10.25	9.07	0.08	5.40	8.38	59.47	7.67	29507	22318	1098
Manipur	33.65	10.06	0.00	4.23	0.00	0.00	51.92	284	565	266
Meghalaya	47.85	22.08	4.86	0.00	0.30	12.54	12.37	497	860	227
Mizoram	100.00	0.00	0.00	0.00	0.00	0.00	0.00	12	14	4
Nagaland	63.45	36.55	0.00	0.00	0.00	0.00	0.00	252	487	188
Orissa	16.64	69.70	0.29	5.56	2.96	1.98	3.07	6205	9960	485
Punjab	0.15	9.95	0.00	0.02	88.65	0.58	1.38	25024	9944	606
Rajasthan	0.72	16.83	0.06	0.40	40.16	22.49	19.44	22024	14464	710
Sikkim	98.28	0.00	0.00	0.00	0.00	0.00	1.72	90	201	214
Tamil Nadu	1.58	18.22	0.09	9.94	21.31	48.61	4.44	21763	24800	1571
Tripura	40.79	13.40	1.16	6.10	17.28	1.53	20.65	459	1225	558
Uttar Pradesh	0.74	15.01	0.13	0.38	81.42	1.36	1.35	88409	130862	4864
Uttaranchal	18.58	12.57	0.00	1.68	63.20	0.65	3.33	2523	4991	216
West Bengal	5.98	17.31	0.12	6.65	55.23	3.81	8.81	19234	37243	2003
Group of UTs	12.40	17.08	0.00	0.00	65.23	4.46	0.82	247	202	102
All India	4.73	18.30	0.47	2.93	50.11	18.93	4.94	390325	438411	23357

Table 11: Percentage of area under irrigation during the agricultural year for different types of crops by source of irrigation

season: rabi										all
State/ UT	river/sp ring	canal	reser-voir	tank	tube-well	well	others	estd. area under irrigation (ha 00)	estd. no. of hhs (00)	sample no. of hhs
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	1.23	16.53	0.17	12.21	38.86	13.94	17.37	15135	18094	944
Arunachal Pradesh	21.29	22.52	0.00	0.00	0.00	0.00	56.19	420	410	165
Assam	8.51	12.57	1.08	5.89	45.18	6.56	20.44	2064	5494	435
Bihar	2.40	9.36	0.02	1.01	82.91	0.87	3.49	35650	63346	3313
Chhattisgarh	5.92	10.32	0.00	10.98	65.09	2.76	4.94	1934	2490	107
Gujarat	2.68	10.96	0.12	0.54	54.34	29.05	2.36	16303	13647	440
Haryana	1.27	17.46	0.00	0.31	81.41	0.27	0.99	18712	12072	557
Himachal Pradesh	9.51	39.55	0.00	0.58	33.62	1.28	15.46	893	2560	336
Jammu & Kashmir	5.18	55.27	0.12	0.22	9.01	0.71	29.52	1502	4538	560
Jharkhand	20.01	18.04	3.69	1.35	8.43	45.94	2.36	3151	10834	543
Karnataka	6.13	34.32	0.65	1.64	39.27	13.84	4.27	10899	9954	537
Kerala	7.01	22.45	0.94	2.34	2.54	24.35	40.36	3530	9342	889
Madhya Pradesh	11.16	8.11	0.43	2.86	29.03	45.49	3.16	46188	25049	1105
Maharashtra	9.82	11.81	0.10	1.02	7.43	58.04	12.12	18916	18616	922
Manipur	39.04	25.70	0.00	4.92	0.25	0.00	30.09	81	223	113
Meghalaya	63.49	2.29	0.05	0.00	0.00	15.06	18.81	58	176	53
Mizoram	-	-	-	-	-	-	-	-	-	0
Nagaland	87.25	12.75	0.00	0.00	0.00	0.00	0.00	160	366	143
Orissa	12.74	56.40	0.89	4.29	6.19	2.99	14.24	2753	6365	313
Punjab	0.00	7.03	0.21	1.69	89.62	0.84	1.68	25648	10112	599
Rajasthan	0.34	17.22	0.00	0.09	60.30	20.66	1.39	23883	18304	895
Sikkim	94.80	0.00	0.00	5.18	0.00	0.00	0.00	19	100	90
Tamil Nadu	1.38	9.73	0.00	2.63	27.84	55.90	3.62	10772	12125	844
Tripura	44.02	16.50	0.44	4.56	24.73	1.64	9.69	345	1421	562
Uttar Pradesh	0.72	13.59	0.25	0.40	81.20	3.39	0.79	105002	149010	5399
Uttaranchal	11.65	14.87	0.00	2.07	70.36	0.00	1.06	2052	4403	191
West Bengal	6.94	13.81	0.43	8.08	60.09	4.32	6.44	18861	45632	2338
Group of UTs	2.16	10.50	0.00	0.00	83.07	3.34	0.94	167	170	89
All India	3.87	13.56	0.26	2.02	60.37	16.14	4.14	365327	445209	22533

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	pump		persian wheel	other	river/ spring	
	electric	diesel			no device	all
	(2)	(3)			(4)	(5)
Andhra Pradesh	252	50	2	467	228	1000
Arunachal Pradesh	0	1	0	498	501	1000
Assam	0	410	0	298	292	1000
Bihar	0	524	0	388	88	1000
Chhattisgarh	77	0	0	432	491	1000
Gujarat	2	697	0	145	156	1000
Haryana	0	0	0	988	12	1000
Himachal Pradesh	76	0	0	810	114	1000
Jammu & Kashmir	9	41	0	860	90	1000
Jharkhand	69	274	0	403	254	1000
Karnataka	376	52	0	399	173	1000
Kerala	169	137	36	436	222	1000
Madhya Pradesh	257	479	0	98	165	1000
Maharashtra	659	73	0	27	242	1000
Manipur	29	37	0	550	385	1000
Meghalaya	0	3	0	811	186	1000
Mizoram	0	0	0	1000	0	1000
Nagaland	0	6	0	902	92	1000
Orissa	133	251	0	462	154	1000
Punjab	421	0	0	579	0	1000
Rajasthan	219	761	0	0	20	1000
Sikkim	0	0	0	508	492	1000
Tamil Nadu	67	306	81	507	39	1000
Tripura	113	287	7	362	232	1000
Uttar Pradesh	0	259	0	478	263	1000
Uttaranchal	56	0	0	622	322	1000
West Bengal	242	440	0	70	248	1000
Group of UTs	0	131	0	43	826	1000
All-India	179	252	3	364	202	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	pump		persian wheel	other	river/ spring	
	electric	diesel			no device	all
	(2)	(3)			(4)	(5)
Andhra Pradesh	17	71	0	705	207	1000
Arunachal Pradesh	0	1	0	660	338	1000
Assam	0	31	16	668	285	1000
Bihar	0	629	0	224	147	1000
Chhattisgarh	0	0	0	665	335	1000
Gujarat	0	1000	0	0	0	1000
Haryana	0	102	0	747	151	1000
Himachal Pradesh	74	0	0	814	112	1000
Jammu & Kashmir	9	12	0	879	100	1000
Jharkhand	41	669	2	127	161	1000
Karnataka	321	66	0	516	97	1000
Kerala	124	101	0	536	240	1000
Madhya Pradesh	445	454	0	0	101	1000
Maharashtra	562	144	2	86	206	1000
Manipur	0	75	0	432	492	1000
Meghalaya	0	159	0	653	188	1000
Mizoram	-	-	-	-	-	-
Nagaland	0	0	2	991	7	1000
Orissa	150	353	0	475	23	1000
Punjab	-	-	-	-	-	-
Rajasthan	0	992	0	8	0	1000
Sikkim	0	0	0	750	250	1000
Tamil Nadu	249	139	0	455	156	1000
Tripura	123	238	17	298	323	1000
Uttar Pradesh	0	423	0	248	329	1000
Uttaranchal	108	0	0	550	343	1000
West Bengal	152	421	2	123	303	1000
Group of UTs	962	0	0	38	0	1000
All-India	181	313	1	307	198	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

season: kharif						
State/ UT	pump		persian wheel	other	no device	canal
	electric	diesel				all
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	52	142	4	433	369	1000
Arunachal Pradesh	1	0	0	688	311	1000
Assam	0	119	0	478	402	1000
Bihar	9	310	0	394	287	1000
Chhattisgarh	33	24	5	468	470	1000
Gujarat	158	598	0	185	59	1000
Haryana	90	44	0	601	265	1000
Himachal Pradesh	51	0	10	898	41	1000
Jammu & Kashmir	37	33	2	736	191	1000
Jharkhand	0	844	0	156	0	1000
Karnataka	111	11	8	576	295	1000
Kerala	190	38	6	578	188	1000
Madhya Pradesh	79	198	37	378	308	1000
Maharashtra	212	37	0	581	171	1000
Manipur	0	0	0	831	169	1000
Meghalaya	0	4	0	869	127	1000
Mizoram	-	-	-	-	-	-
Nagaland	0	0	0	909	91	1000
Orissa	6	68	0	777	148	1000
Punjab	38	8	0	667	287	1000
Rajasthan	18	127	0	781	74	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	83	57	0	632	227	1000
Tripura	32	660	18	77	213	1000
Uttar Pradesh	71	149	2	551	227	1000
Uttaranchal	8	0	0	813	179	1000
West Bengal	48	420	2	354	177	1000
Group of UTs	108	51	0	436	406	1000
All-India	60	146	3	537	254	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: rabi					canal
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	94	161	1	338	407	1000
Arunachal Pradesh	8	0	0	306	686	1000
Assam	0	36	0	435	529	1000
Bihar	3	438	1	430	127	1000
Chhattisgarh	0	0	0	650	350	1000
Gujarat	216	453	7	322	1	1000
Haryana	102	41	35	562	260	1000
Himachal Pradesh	104	1	0	868	27	1000
Jammu & Kashmir	47	6	0	715	233	1000
Jharkhand	0	768	0	120	112	1000
Karnataka	61	61	0	800	78	1000
Kerala	153	80	0	507	261	1000
Madhya Pradesh	221	127	16	321	314	1000
Maharashtra	261	48	0	487	205	1000
Manipur	0	0	0	566	434	1000
Meghalaya	0	1000	0	0	0	1000
Mizoram	-	-	-	-	-	-
Nagaland	0	0	0	1000	0	1000
Orissa	20	205	0	727	49	1000
Punjab	30	0	0	679	291	1000
Rajasthan	17	149	0	803	31	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	271	70	0	577	81	1000
Tripura	0	304	58	216	423	1000
Uttar Pradesh	54	117	8	609	212	1000
Uttaranchal	0	7	0	993	0	1000
West Bengal	40	363	4	206	386	1000
Group of UTs	65	416	0	516	3	1000
All-India	69	176	5	538	211	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

season: kharif						reservoir
State/ UT	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	14	0	0	503	483	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	254	0	27	719	1000
Bihar	0	85	0	0	915	1000
Chhattisgarh	0	0	0	425	575	1000
Gujarat	0	0	0	0	1000	1000
Haryana	152	0	0	848	0	1000
Himachal Pradesh	0	0	0	0	1000	1000
Jammu & Kashmir	-	-	-	-	-	-
Jharkhand	0	199	0	0	801	1000
Karnataka	324	0	0	592	84	1000
Kerala	765	223	0	0	12	1000
Madhya Pradesh	26	0	0	0	974	1000
Maharashtra	0	0	0	606	394	1000
Manipur	-	-	-	-	-	-
Meghalaya	0	661	0	0	339	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	103	0	897	0	1000
Punjab	-	-	-	-	-	-
Rajasthan	0	1000	0	0	0	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	0	158	0	648	194	1000
Tripura	0	432	0	29	539	1000
Uttar Pradesh	0	689	0	0	311	1000
Uttaranchal	-	-	-	-	-	-
West Bengal	0	557	0	0	443	1000
Group of UTs	0	0	0	0	1000	1000
All-India	61	139	0	270	529	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: rabi					reservoir
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	412	0	0	0	588	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	559	0	0	441	1000
Bihar	0	1000	0	0	0	1000
Chhattisgarh	-	-	-	-	-	-
Gujarat	0	159	0	841	0	1000
Haryana	-	-	-	-	-	-
Himachal Pradesh	-	-	-	-	-	-
Jammu & Kashmir	0	0	0	1000	0	1000
Jharkhand	0	737	0	0	263	1000
Karnataka	694	0	0	306	0	1000
Kerala	1000	0	0	0	0	1000
Madhya Pradesh	138	211	0	0	651	1000
Maharashtra	99	755	0	146	0	1000
Manipur	-	-	-	-	-	-
Meghalaya	0	0	0	0	1000	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	61	870	0	69	0	1000
Punjab	1000	0	0	0	0	1000
Rajasthan	0	1000	0	0	0	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	-	-	-	-	-	-
Tripura	0	652	0	58	291	1000
Uttar Pradesh	0	637	0	363	0	1000
Uttaranchal	0	0	0	0	0	0
West Bengal	0	396	18	238	348	1000
Group of UTs	-	-	-	-	-	-
All-India	120	491	3	133	253	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: kharif					tank
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	21	0	0	4	975	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	0	1000	1000
Bihar	0	152	0	0	848	1000
Chhattisgarh	0	0	0	117	883	1000
Gujarat	0	0	0	0	1000	1000
Haryana	0	0	0	0	1000	1000
Himachal Pradesh	0	0	0	0	1000	1000
Jammu & Kashmir	0	0	0	0	1000	1000
Jharkhand	0	0	0	99	901	1000
Karnataka	0	0	0	0	1000	1000
Kerala	0	23	0	51	926	1000
Madhya Pradesh	62	0	0	0	938	1000
Maharashtra	2	30	0	16	953	1000
Manipur	0	0	0	284	716	1000
Meghalaya	0	0	0	0	1000	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	75	0	139	785	1000
Punjab	0	0	0	0	1000	1000
Rajasthan	0	0	0	0	1000	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	0	0	0	0	1000	1000
Tripura	0	0	0	0	1000	1000
Uttar Pradesh	0	14	0	0	986	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	2	67	0	33	899	1000
Group of UTs	-	-	-	-	-	-
All-India	7	28	0	21	944	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	pump		persian wheel	other	no device	tank all
	electric	diesel				
	(2)	(3)				
Andhra Pradesh	0	0	0	0	1000	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	0	1000	1000
Bihar	0	139	0	0	861	1000
Chhattisgarh	0	0	0	0	1000	1000
Gujarat	0	0	0	0	1000	1000
Haryana	0	0	0	0	1000	1000
Himachal Pradesh	233	0	0	484	283	1000
Jammu & Kashmir	0	0	0	0	1000	1000
Jharkhand	0	0	0	117	883	1000
Karnataka	0	0	0	0	1000	1000
Kerala	3	0	0	58	940	1000
Madhya Pradesh	27	0	0	0	973	1000
Maharashtra	0	0	0	0	1000	1000
Manipur	0	0	0	137	863	1000
Meghalaya	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	87	0	23	890	1000
Punjab	110	0	0	0	890	1000
Rajasthan	0	0	0	0	1000	1000
Sikkim	0	0	0	0	1000	1000
Tamil Nadu	0	0	0	2	998	1000
Tripura	0	41	0	30	929	1000
Uttar Pradesh	0	37	27	79	856	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	0	23	0	10	967	1000
Group of UTs	-	-	-	-	-	-
All-India	3	25	2	16	953	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

season: kharif						tubewell
State/ UT	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	33	6	0	1	961	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	0	1000	1000
Bihar	0	39	0	0	961	1000
Chhattisgarh	130	0	0	0	870	1000
Gujarat	29	12	0	0	959	1000
Haryana	18	50	0	0	932	1000
Himachal Pradesh	23	0	0	0	977	1000
Jammu & Kashmir	59	15	0	81	846	1000
Jharkhand	0	24	0	0	976	1000
Karnataka	38	0	0	0	962	1000
Kerala	113	0	0	0	887	1000
Madhya Pradesh	9	7	0	0	984	1000
Maharashtra	37	0	0	0	963	1000
Manipur	-	-	-	-	-	-
Meghalaya	0	0	0	197	803	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	2	0	45	954	1000
Punjab	42	34	0	0	924	1000
Rajasthan	21	34	0	6	939	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	77	33	0	0	890	1000
Tripura	9	0	0	2	989	1000
Uttar Pradesh	6	30	0	0	964	1000
Uttaranchal	2	0	0	0	998	1000
West Bengal	10	23	0	2	966	1000
Group of UTs	0	0	0	0	1000	1000
All-India	12	28	0	1	959	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

season: rabi						tubewell
State/ UT	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	17	7	0	0	976	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	0	1000	1000
Bihar	0	15	0	0	985	1000
Chhattisgarh	0	0	0	0	1000	1000
Gujarat	6	10	0	0	984	1000
Haryana	16	38	0	0	946	1000
Himachal Pradesh	26	5	0	0	969	1000
Jammu & Kashmir	97	25	0	0	877	1000
Jharkhand	0	0	0	0	1000	1000
Karnataka	9	0	0	0	991	1000
Kerala	102	0	0	0	898	1000
Madhya Pradesh	18	1	0	0	981	1000
Maharashtra	19	0	0	0	981	1000
Manipur	0	0	0	114	886	1000
Meghalaya	-	-	-	-	-	-
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	138	0	0	862	1000
Punjab	18	25	0	0	957	1000
Rajasthan	10	60	0	6	924	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	28	4	0	5	963	1000
Tripura	31	0	0	12	957	1000
Uttar Pradesh	4	24	0	0	972	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	9	7	0	0	984	1000
Group of UTs	0	0	0	0	1000	1000
All-India	6	20	0	0	973	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: kharif					well
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	48	17	0	0	935	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	28	972	1000
Bihar	0	71	0	0	929	1000
Chhattisgarh	14	0	0	90	896	1000
Gujarat	6	2	0	0	993	1000
Haryana	0	0	0	0	1000	1000
Himachal Pradesh	0	0	0	0	1000	1000
Jammu & Kashmir	0	0	149	532	319	1000
Jharkhand	2	17	1	11	969	1000
Karnataka	43	0	0	0	957	1000
Kerala	52	0	0	3	945	1000
Madhya Pradesh	7	3	0	0	990	1000
Maharashtra	35	0	0	0	965	1000
Manipur	-	-	-	-	-	-
Meghalaya	0	0	0	9	991	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	12	0	23	965	1000
Punjab	0	0	0	0	1000	1000
Rajasthan	6	3	0	0	991	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	21	12	0	3	964	1000
Tripura	0	28	0	0	972	1000
Uttar Pradesh	19	0	0	0	981	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	19	0	0	0	981	1000
Group of UTs	56	0	0	0	944	1000
All-India	22	7	0	4	967	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: rabi					well
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	4	0	0	0	996	1000
Arunachal Pradesh	-	-	-	-	-	-
Assam	0	0	0	25	975	1000
Bihar	0	63	0	0	937	1000
Chhattisgarh	0	0	0	0	1000	1000
Gujarat	8	1	0	0	991	1000
Haryana	0	88	0	0	912	1000
Himachal Pradesh	0	0	0	0	1000	1000
Jammu & Kashmir	0	0	0	411	589	1000
Jharkhand	0	10	0	37	953	1000
Karnataka	3	25	0	0	971	1000
Kerala	68	6	0	2	924	1000
Madhya Pradesh	10	0	0	0	990	1000
Maharashtra	38	2	0	0	960	1000
Manipur	-	-	-	-	-	-
Meghalaya	0	0	0	0	1000	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	0	0	81	919	1000
Punjab	0	0	0	0	1000	1000
Rajasthan	0	0	0	0	1000	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	28	1	0	0	971	1000
Tripura	0	0	0	33	967	1000
Uttar Pradesh	11	98	0	0	891	1000
Uttaranchal	-	-	-	-	-	-
West Bengal	0	0	0	0	1000	1000
Group of UTs	67	0	0	0	933	1000
All-India	16	9	0	7	969	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: kharif		persian wheel	other	other sources	
	pump				no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	0	6	0	65	929	1000
Arunachal Pradesh	0	0	0	65	935	1000
Assam	0	0	0	10	990	1000
Bihar	0	4	0	58	939	1000
Chhattisgarh	0	0	0	48	952	1000
Gujarat	0	0	0	0	1000	1000
Haryana	0	0	0	85	915	1000
Himachal Pradesh	0	0	0	0	1000	1000
Jammu & Kashmir	3	1	0	301	695	1000
Jharkhand	0	0	0	0	1000	1000
Karnataka	0	0	0	33	967	1000
Kerala	5	0	0	0	995	1000
Madhya Pradesh	0	0	0	1	999	1000
Maharashtra	0	0	0	6	994	1000
Manipur	0	0	0	16	984	1000
Meghalaya	0	0	0	0	1000	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	41	107	0	0	852	1000
Punjab	0	0	0	196	804	1000
Rajasthan	0	0	0	104	896	1000
Sikkim	0	0	0	0	1000	1000
Tamil Nadu	16	5	0	90	889	1000
Tripura	0	0	0	93	907	1000
Uttar Pradesh	0	1	0	35	964	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	6	0	0	22	973	1000
Group of UTs	0	0	0	0	1000	1000
All-India	3	4	0	56	937	1000

Table 12: Per 1000 distribution of farmer households by device used for irrigation

State/ UT	season: rabi		other sources			
	pump		persian wheel	other	no device	all
	electric	diesel				
(1)	(2)	(3)	(4)	(5)	(6)	(7)
Andhra Pradesh	0	0	0	21	979	1000
Arunachal Pradesh	0	0	0	0	1000	1000
Assam	0	0	0	83	917	1000
Bihar	0	17	0	29	954	1000
Chhattisgarh	0	0	0	0	1000	1000
Gujarat	0	0	0	0	1000	1000
Haryana	0	0	0	0	1000	1000
Himachal Pradesh	0	0	0	8	992	1000
Jammu & Kashmir	5	7	0	62	925	1000
Jharkhand	0	0	0	192	808	1000
Karnataka	0	0	0	0	1000	1000
Kerala	1	0	0	19	980	1000
Madhya Pradesh	0	0	0	0	1000	1000
Maharashtra	0	0	0	19	981	1000
Manipur	0	0	0	0	1000	1000
Meghalaya	0	0	0	0	1000	1000
Mizoram	-	-	-	-	-	-
Nagaland	-	-	-	-	-	-
Orissa	0	12	0	39	948	1000
Punjab	0	0	0	9	991	1000
Rajasthan	0	0	0	309	691	1000
Sikkim	-	-	-	-	-	-
Tamil Nadu	0	9	0	23	968	1000
Tripura	0	3	0	111	887	1000
Uttar Pradesh	0	60	0	27	913	1000
Uttaranchal	0	0	0	0	1000	1000
West Bengal	0	0	0	2	998	1000
Group of UTs	0	0	0	0	1000	1000
All-India	0	8	0	25	966	1000

Table 12A: Percentage of gross irrigated area irrigated by different devices

season: kharif

State/ UT	percentage of gross irrigated area irrigated by						estd. gross irrigated area (ha 00)
	electric pump	diesel pump	persian wheel	other device	no device	all	
Andhra Pradesh	5.51	7.03	0.15	13.05	74.25	100.00	32755
Arunachal Pradesh	0.03	0.02	0.00	39.03	60.92	100.00	463
Assam	0.00	9.43	0.00	10.95	79.62	100.00	1490
Bihar	0.10	11.14	0.00	7.86	80.89	100.00	34772
Chhattisgarh	6.85	0.78	0.17	33.93	58.27	100.00	10371
Gujarat	3.46	6.69	0.00	1.84	88.01	100.00	18308
Haryana	2.51	5.29	0.00	13.36	78.83	100.00	15820
Himachal Pradesh	4.96	0.00	0.39	42.10	52.55	100.00	992
Jammu & Kashmir	3.77	2.77	0.09	58.87	34.50	100.00	2649
Jharkhand	1.47	12.78	0.02	10.43	75.30	100.00	1823
Karnataka	12.65	0.98	0.09	22.89	63.39	100.00	15673
Kerala	12.60	2.53	0.22	34.29	50.37	100.00	3133
Madhya Pradesh	4.58	6.54	0.18	1.17	87.54	100.00	35849
Maharashtra	11.07	0.96	0.00	5.83	82.13	100.00	29605
Manipur	1.20	1.17	0.00	26.68	70.95	100.00	284
Meghalaya	0.00	5.45	0.00	56.68	37.87	100.00	497
Mizoram	0.00	0.00	0.00	100.00	0.00	100.00	12
Nagaland	0.00	0.82	0.00	82.27	16.92	100.00	252
Orissa	2.23	13.81	0.00	55.94	28.02	100.00	6218
Punjab	3.87	2.56	0.00	6.34	87.22	100.00	25205
Rajasthan	2.28	7.85	0.00	12.05	77.83	100.00	22045
Sikkim	0.00	0.00	0.00	53.14	46.86	100.00	90
Tamil Nadu	5.61	2.34	0.01	11.47	80.58	100.00	22675
Tripura	6.28	18.83	0.81	20.59	53.49	100.00	463
Uttar Pradesh	1.59	4.72	0.02	8.21	85.45	100.00	88750
Uttaranchal	0.82	0.00	0.00	26.72	72.46	100.00	2523
W. Bengal	2.88	10.41	0.01	8.46	78.24	100.00	18834
Group of UTs	1.65	1.42	0.00	7.11	89.81	100.00	247
all-India	4.07	5.53	0.05	10.96	79.39	100.00	391924

Table 12A: Percentage of gross irrigated area irrigated by different devices

season: rabi

State/ UT	percentage of gross irrigated area irrigated by						estd. gross irrigated area (ha 00)
	electric pump	diesel pump	Persian wheel	other device	no device	all	
Andhra Pradesh	1.85	2.51	0.02	7.18	88.44	100.00	15182
Arunachal Pradesh	0.12	0.04	0.00	41.01	58.84	100.00	420
Assam	0.00	1.67	0.16	13.50	84.67	100.00	2068
Bihar	0.10	6.67	0.02	4.70	88.52	100.00	35667
Chhattisgarh	0.00	0.00	0.00	11.38	88.62	100.00	1934
Gujarat	4.01	9.31	0.04	2.20	84.44	100.00	16309
Haryana	2.27	3.90	1.15	9.60	83.09	100.00	19030
Himachal Pradesh	9.54	0.54	0.00	38.97	50.96	100.00	893
Jammu & Kashmir	2.29	0.73	0.00	54.87	42.12	100.00	1502
Jharkhand	11.65	24.85	0.01	3.35	60.14	100.00	3145
Karnataka	6.51	5.20	0.00	10.51	77.77	100.00	3530
Kerala	6.54	0.98	0.00	31.45	61.03	100.00	10910
Madhya Pradesh	11.73	3.38	0.21	3.93	80.74	100.00	46300
Maharashtra	10.80	2.18	0.01	6.57	80.44	100.00	18981
Manipur	0.00	1.12	0.00	28.22	70.67	100.00	81
Meghalaya	0.00	19.39	0.00	32.02	48.59	100.00	57
Mizoram	-	-	-	-	-	-	0
Nagaland	0.00	0.00	0.05	99.46	0.49	100.00	160
Orissa	1.95	15.80	0.00	53.70	28.55	100.00	2690
Punjab	2.97	1.76	0.00	4.09	91.19	100.00	25923
Rajasthan	1.00	7.49	0.00	15.66	75.85	100.00	23884
Sikkim	0.00	0.00	0.00	70.95	29.05	100.00	19
Tamil Nadu	5.10	0.53	0.00	4.83	89.54	100.00	10889
Tripura	4.74	14.36	1.10	16.26	63.55	100.00	350
Uttar Pradesh	0.96	4.63	0.16	8.48	85.77	100.00	105349
Uttaranchal	2.66	2.43	0.00	7.54	87.37	100.00	167
W. Bengal	0.47	0.66	0.00	24.34	74.53	100.00	2052
Group of UTs	2.10	9.32	0.05	3.52	85.00	100.00	18881
all-India	3.66	4.79	0.14	8.46	82.94	100.00	366606

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: kharif resource: fertiliser

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	252	22	168	251	228	78	0	1000	48755	2504
Arunachal Pradesh	107	75	70	57	318	365	8	1000	276	140
Assam	154	198	342	184	56	53	14	1000	15529	1287
Bihar	300	115	306	226	49	4	1	1000	62849	3332
Chhattisgarh	217	63	343	202	128	47	0	1000	19131	774
Gujarat	294	38	182	192	220	74	0	1000	30510	936
Haryana	288	31	268	225	163	25	0	1000	10352	488
Himachal Pradesh	364	259	162	120	65	30	0	1000	7366	918
Jammu & Kashmir	272	171	236	155	46	119	0	1000	8625	823
Jharkhand	126	76	327	237	202	33	0	1000	22449	1127
Karnataka	217	71	221	272	157	61	0	1000	34540	1612
Kerala	407	286	243	44	18	2	0	1000	13415	1168
Madhya Pradesh	173	51	213	220	230	113	0	1000	37244	1556
Maharashtra	325	37	159	227	196	55	0	1000	58202	2745
Manipur	330	84	134	55	127	259	12	1000	1048	515
Meghalaya	98	42	38	164	207	450	0	1000	1060	296
Mizoram	128	84	39	12	109	628	1	1000	211	110
Nagaland	84	65	142	64	281	362	1	1000	196	77
Orissa	245	113	300	230	96	13	2	1000	32205	1531
Punjab	385	124	276	166	48	1	0	1000	9977	606
Rajasthan	202	49	213	243	190	103	0	1000	31696	1439
Sikkim	449	113	166	155	72	45	0	1000	165	179
Tamil Nadu	335	121	276	182	76	11	0	1000	27887	1689
Tripura	514	214	197	57	15	2	0	1000	1859	836
Uttar Pradesh	225	157	371	207	36	1	3	1000	133889	4990
Uttaranchal	101	127	299	205	223	44	0	1000	4794	217
West Bengal	469	227	209	70	19	4	2	1000	61537	3329
Group of UTs	245	143	458	140	2	12	0	1000	493	273
All-India	267	110	263	201	116	41	1	1000	676792	35574

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: rabi resource: fertiliser

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	249	18	166	252	240	74	0	1000	18393	933
Arunachal Pradesh	13	106	118	58	317	381	6	1000	146	72
Assam	144	207	360	189	51	46	2	1000	13332	1083
Bihar	308	97	310	238	42	5	0	1000	64446	3407
Chhattisgarh	200	79	285	220	168	48	0	1000	2166	96
Gujarat	326	43	177	188	201	66	0	1000	14350	450
Haryana	219	76	300	257	117	32	0	1000	11962	556
Himachal Pradesh	392	260	155	97	69	27	0	1000	6708	826
Jammu & Kashmir	268	166	233	169	44	120	0	1000	7733	738
Jharkhand	157	65	407	172	172	27	0	1000	9907	508
Karnataka	206	66	268	240	167	52	0	1000	13697	696
Kerala	370	296	276	42	15	1	0	1000	10912	910
Madhya Pradesh	176	30	200	242	242	110	0	1000	33164	1278
Maharashtra	332	32	149	238	195	53	0	1000	22671	1060
Manipur	303	72	126	142	115	243	0	1000	346	169
Meghalaya	97	28	53	139	216	467	0	1000	841	238
Mizoram	173	97	33	12	91	593	0	1000	134	84
Nagaland	96	66	128	88	263	359	1	1000	150	53
Orissa	247	130	298	243	74	9	0	1000	6218	278
Punjab	391	111	290	160	38	10	0	1000	10120	600
Rajasthan	179	43	192	250	235	101	0	1000	18307	904
Sikkim	433	129	186	128	80	45	0	1000	56	57
Tamil Nadu	346	118	284	169	75	8	0	1000	11701	767
Tripura	578	173	188	15	44	0	2	1000	1366	575
Uttar Pradesh	206	155	381	208	44	7	1	1000	150943	5465
Uttaranchal	118	88	272	253	201	68	0	1000	4606	198
West Bengal	486	215	208	71	16	1	2	1000	49599	2633
Group of UTs	260	124	423	183	4	7	0	1000	227	131
All-India	265	107	267	203	117	41	0	1000	484465	24808

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: kharif resource: organic manure

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	795	7	39	54	63	43	0	1000	41596	2020
Arunachal Pradesh	203	72	29	64	245	371	16	1000	68	34
Assam	736	57	44	54	30	64	16	1000	16128	1284
Bihar	531	69	135	141	56	69	1	1000	22731	1184
Chhattisgarh	592	29	82	95	113	89	0	1000	14364	600
Gujarat	836	17	38	26	50	33	0	1000	26977	824
Haryana	807	22	55	27	78	11	0	1000	6840	332
Himachal Pradesh	804	39	39	62	46	9	0	1000	7314	924
Jammu & Kashmir	874	57	48	11	1	9	0	1000	8258	756
Jharkhand	667	29	95	83	93	32	0	1000	19535	954
Karnataka	742	37	69	67	52	33	0	1000	31939	1488
Kerala	864	58	48	17	9	4	0	1000	15766	1454
Madhya Pradesh	530	19	62	94	152	142	0	1000	25546	1051
Maharashtra	761	5	42	70	78	43	0	1000	43193	2027
Manipur	460	29	68	20	42	346	34	1000	626	297
Meghalaya	493	25	92	51	80	259	0	1000	888	242
Mizoram	577	133	0	9	14	266	1	1000	197	98
Nagaland	835	42	36	35	52	0	1	1000	636	274
Orissa	706	22	28	65	52	125	2	1000	27582	1227
Punjab	573	17	71	22	26	292	0	1000	6542	397
Rajasthan	693	12	41	100	74	79	0	1000	30287	1321
Sikkim	989	8	2	0	0	1	0	1000	516	524
Tamil Nadu	612	56	145	122	48	18	0	1000	24053	1449
Tripura	489	107	101	41	50	208	5	1000	502	255
Uttar Pradesh	638	50	130	82	39	48	13	1000	82162	3065
Uttaranchal	912	16	2	26	14	29	0	1000	8199	365
West Bengal	638	95	89	47	27	99	5	1000	37039	1928
Group of UTs	835	66	68	19	0	12	0	1000	447	247
All-India	677	38	80	75	60	67	4	1000	500058	26642

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: rabi resource: organic manure

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	877	4	29	33	40	18	0	1000	16873	858
Arunachal Pradesh	142	90	73	51	273	365	6	1000	144	47
Assam	767	67	43	49	23	43	8	1000	13435	1063
Bihar	580	46	118	118	74	65	0	1000	24207	1235
Chhattisgarh	754	36	31	61	80	38	0	1000	973	53
Gujarat	902	8	31	18	24	17	0	1000	10297	343
Haryana	920	8	24	31	18	0	0	1000	6187	289
Himachal Pradesh	861	42	21	36	33	7	0	1000	7457	917
Jammu & Kashmir	869	56	52	9	8	6	0	1000	7523	679
Jharkhand	677	18	130	62	81	32	0	1000	9049	444
Karnataka	799	34	59	41	47	20	0	1000	12001	613
Kerala	896	37	53	12	2	1	0	1000	14825	1230
Madhya Pradesh	668	25	63	80	125	39	0	1000	24813	854
Maharashtra	810	7	24	58	78	23	0	1000	14587	728
Manipur	611	16	46	28	38	262	0	1000	540	249
Meghalaya	639	4	2	39	46	271	0	1000	852	244
Mizoram	431	67	0	0	26	475	0	1000	76	25
Nagaland	902	40	4	29	22	4	0	1000	674	296
Orissa	694	10	21	73	50	151	0	1000	4015	180
Punjab	586	10	70	48	25	261	0	1000	6375	387
Rajasthan	774	8	24	59	39	95	0	1000	14382	681
Sikkim	999	0	0	0	0	1	0	1000	523	500
Tamil Nadu	652	50	152	97	41	8	0	1000	10805	741
Tripura	547	75	56	5	118	198	0	1000	583	266
Uttar Pradesh	780	31	99	49	24	15	3	1000	96096	3499
Uttaranchal	973	15	0	12	0	0	0	1000	8250	352
West Bengal	637	105	89	45	27	96	2	1000	29559	1596
Group of UTs	874	50	17	37	1	19	0	1000	206	123
All-India	751	32	68	56	47	46	1	1000	335455	18519

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: kharif resource: improved seeds

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	204	15	154	256	255	116	0	1000	40764	2127
Arunachal Pradesh	21	85	55	79	311	440	9	1000	133	62
Assam	93	161	303	212	114	85	32	1000	8354	739
Bihar	187	102	296	285	94	36	1	1000	24063	1289
Chhattisgarh	134	69	238	262	216	81	0	1000	3202	143
Gujarat	174	54	183	216	249	124	0	1000	23360	750
Haryana	155	33	257	304	215	36	0	1000	9138	431
Himachal Pradesh	262	219	184	157	108	70	0	1000	4938	641
Jammu & Kashmir	176	141	293	158	52	179	0	1000	3806	460
Jharkhand	66	48	268	281	261	77	0	1000	6153	318
Karnataka	168	61	214	287	196	74	0	1000	25979	1212
Kerala	346	257	241	95	35	26	0	1000	3508	313
Madhya Pradesh	99	26	153	259	305	159	0	1000	18240	799
Maharashtra	254	35	168	229	224	90	0	1000	46015	2298
Manipur	442	15	59	37	39	394	14	1000	909	404
Meghalaya	27	17	47	117	302	490	0	1000	75	35
Mizoram	35	61	0	1	17	791	96	1000	21	17
Nagaland	85	62	83	55	229	485	1	1000	182	73
Orissa	109	59	209	337	217	65	4	1000	8108	420
Punjab	295	100	260	225	88	31	0	1000	8191	521
Rajasthan	156	42	181	261	246	115	0	1000	28445	1351
Sikkim	133	113	218	270	147	119	0	1000	53	63
Tamil Nadu	294	97	262	199	111	38	0	1000	21965	1331
Tripura	579	185	120	46	56	11	3	1000	1041	483
Uttar Pradesh	135	114	349	272	102	22	8	1000	81582	3176
Uttaranchal	61	71	267	299	186	116	0	1000	1663	86
West Bengal	354	204	246	110	54	30	2	1000	43452	2372
Group of UTs	204	168	382	155	78	13	0	1000	234	123
All-India	184	88	242	243	168	73	3	1000	413685	22054

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: rabi resource: improved seeds

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	207	11	154	258	268	102	0	1000	18058	948
Arunachal Pradesh	5	99	95	50	353	398	0	1000	143	50
Assam	87	191	332	201	110	72	8	1000	8576	713
Bihar	191	93	313	293	80	30	0	1000	30143	1575
Chhattisgarh	129	87	167	309	199	109	0	1000	315	23
Gujarat	192	52	183	231	226	116	0	1000	10831	349
Haryana	134	43	287	317	172	47	0	1000	9908	458
Himachal Pradesh	308	223	193	141	105	30	0	1000	4793	607
Jammu & Kashmir	145	160	289	165	54	186	0	1000	3857	415
Jharkhand	59	34	319	224	258	104	3	1000	1506	91
Karnataka	174	57	251	257	194	66	0	1000	9126	477
Kerala	284	287	287	82	34	27	0	1000	2868	226
Madhya Pradesh	100	30	153	262	303	152	0	1000	13358	484
Maharashtra	260	27	168	244	221	79	0	1000	21119	996
Manipur	348	17	41	56	44	495	0	1000	417	205
Meghalaya	6	22	41	89	297	546	0	1000	94	33
Mizoram	3	67	0	0	26	903	0	1000	0	1
Nagaland	95	67	104	59	214	462	0	1000	177	69
Orissa	88	81	199	369	202	63	0	1000	4004	179
Punjab	299	99	278	197	88	39	0	1000	8458	526
Rajasthan	149	38	179	270	256	109	0	1000	14975	766
Sikkim	118	118	224	295	136	109	0	1000	4	10
Tamil Nadu	302	95	283	187	105	29	0	1000	10054	655
Tripura	591	168	107	13	111	11	0	1000	908	373
Uttar Pradesh	139	119	373	256	86	24	2	1000	90869	3437
Uttaranchal	93	83	161	307	215	141	0	1000	1690	82
West Bengal	338	203	250	122	50	37	0	1000	40383	2140
Group of UTs	182	152	368	223	71	4	0	1000	127	69
All-India	185	91	254	241	158	70	1	1000	306888	15985

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
season: kharif resource: pesticide

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	232	18	169	255	242	84	0	1000	42788	2178
Arunachal Pradesh	62	86	53	75	339	377	8	1000	263	106
Assam	143	187	343	197	60	54	17	1000	12726	1078
Bihar	207	126	310	265	80	10	1	1000	28553	1529
Chhattisgarh	143	54	255	262	209	76	0	1000	10463	427
Gujarat	155	43	172	243	286	102	0	1000	18327	609
Haryana	151	32	280	278	218	42	0	1000	6984	354
Himachal Pradesh	203	185	193	232	124	63	0	1000	2604	350
Jammu & Kashmir	213	139	251	186	66	145	0	1000	3735	488
Jharkhand	62	55	313	287	233	50	0	1000	12917	642
Karnataka	164	64	223	293	184	72	0	1000	22317	1029
Kerala	357	291	256	64	29	3	0	1000	7928	654
Madhya Pradesh	86	17	174	274	303	146	0	1000	17858	772
Maharashtra	247	31	167	239	227	89	0	1000	36485	1776
Manipur	294	63	147	78	131	274	14	1000	900	444
Meghalaya	90	25	28	175	291	392	0	1000	994	268
Mizoram	24	71	2	13	174	671	46	1000	26	18
Nagaland	89	66	141	75	254	374	1	1000	274	118
Orissa	200	96	266	281	134	20	2	1000	17411	884
Punjab	324	121	271	197	85	2	0	1000	9541	587
Rajasthan	141	35	176	269	261	119	0	1000	9423	497
Sikkim	108	96	233	294	166	102	0	1000	19	24
Tamil Nadu	308	115	290	187	89	11	0	1000	25124	1501
Tripura	478	223	211	70	16	2	0	1000	1566	695
Uttar Pradesh	108	124	376	276	89	14	12	1000	66455	2613
Uttaranchal	90	94	278	269	223	46	0	1000	3406	140
West Bengal	437	223	221	87	24	6	2	1000	55126	2954
Group of UTs	242	132	415	150	53	7	0	1000	332	206
All-India	193	96	257	240	156	55	3	1000	414765	22970

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: rabi resource: pesticide

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	234	16	173	250	245	81	0	1000	17902	943
Arunachal Pradesh	26	100	112	53	325	384	0	1000	137	56
Assam	140	188	366	199	57	47	2	1000	12069	982
Bihar	222	105	315	270	76	12	0	1000	32257	1704
Chhattisgarh	162	83	252	239	202	63	0	1000	1372	69
Gujarat	166	41	169	261	256	106	0	1000	9525	309
Haryana	109	54	307	311	170	48	0	1000	8325	397
Himachal Pradesh	221	201	190	230	115	42	0	1000	1967	266
Jammu & Kashmir	187	140	269	201	63	139	0	1000	3101	410
Jharkhand	78	48	373	230	211	57	3	1000	4658	242
Karnataka	169	63	263	254	188	63	0	1000	8616	455
Kerala	293	326	303	54	23	1	0	1000	5878	464
Madhya Pradesh	81	21	172	273	301	153	0	1000	14349	503
Maharashtra	247	27	162	257	223	84	0	1000	11018	564
Manipur	293	53	143	137	115	258	0	1000	200	101
Meghalaya	79	18	47	130	299	428	0	1000	573	165
Mizoram	12	65	0	13	163	746	0	1000	0	2
Nagaland	83	66	125	88	243	396	0	1000	207	78
Orissa	209	117	254	298	107	14	0	1000	4353	217
Punjab	328	107	297	188	68	10	0	1000	9594	580
Rajasthan	135	36	173	273	268	114	0	1000	10262	535
Sikkim	102	130	273	259	151	85	1	1000	9	12
Tamil Nadu	318	113	303	173	84	10	0	1000	10080	649
Tripura	564	187	193	13	42	0	0	1000	1227	494
Uttar Pradesh	113	126	396	260	85	17	2	1000	60697	2301
Uttaranchal	88	107	179	294	220	112	0	1000	1405	67
West Bengal	464	211	215	85	19	3	2	1000	45103	2381
Group of UTs	247	131	386	183	50	1	0	1000	164	101
All-India	197	97	267	235	148	55	1	1000	275242	15075

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: kharif resource: veterinary services

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	387	44	244	204	94	27	0	1000	24789	1371
Arunachal Pradesh	75	80	63	122	282	368	9	1000	204	89
Assam	41	150	316	277	124	66	26	1000	5464	459
Bihar	159	90	284	322	125	19	0	1000	13645	728
Chhattisgarh	188	63	302	261	139	47	0	1000	5451	238
Gujarat	364	46	241	171	122	56	0	1000	17138	588
Haryana	587	87	231	81	14	0	0	1000	8070	405
Himachal Pradesh	323	280	238	123	28	8	0	1000	3867	506
Jammu & Kashmir	398	174	323	67	32	6	0	1000	4101	459
Jharkhand	71	40	248	271	281	88	0	1000	2624	162
Karnataka	277	79	303	216	90	34	0	1000	15473	788
Kerala	301	296	293	85	23	2	0	1000	5315	567
Madhya Pradesh	130	56	193	302	228	91	0	1000	11890	510
Maharashtra	382	37	212	274	77	19	0	1000	26898	1376
Manipur	206	54	195	84	125	305	30	1000	131	84
Meghalaya	52	41	61	288	163	394	0	1000	298	85
Mizoram	200	59	0	2	19	719	1	1000	56	33
Nagaland	147	132	227	125	235	134	0	1000	258	117
Orissa	126	122	361	266	107	15	3	1000	13007	600
Punjab	438	165	304	79	15	0	0	1000	12095	808
Rajasthan	186	56	203	296	205	54	0	1000	11464	608
Sikkim	313	149	257	178	82	22	0	1000	89	102
Tamil Nadu	373	128	306	144	42	7	0	1000	17420	1554
Tripura	553	246	149	38	14	0	0	1000	777	296
Uttar Pradesh	134	114	394	264	73	6	14	1000	44017	1789
Uttaranchal	230	113	311	156	104	86	0	1000	3833	158
West Bengal	263	219	285	139	61	29	3	1000	21982	1189
Group of UTs	430	146	276	122	26	0	0	1000	312	172
All-India	235	102	288	232	107	33	4	1000	270837	15862

Table 13: Per 1000 distribution of farmer households by distance from some farming resources used for cultivation
 season: rabi resource: veterinary services

State/ UT	within village	outside village						all	no. of hhs using resource	
		distance (km)							estd. (00)	sample
		< 2	2 – 5	5 – 10	10 – 20	≥ 20	n.r.			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Andhra Pradesh	387	48	244	203	100	19	0	1000	17911	959
Arunachal Pradesh	18	109	102	154	256	360	0	1000	163	71
Assam	60	155	299	284	132	61	9	1000	3570	284
Bihar	156	96	285	321	124	17	0	1000	12654	663
Chhattisgarh	156	86	258	284	168	48	0	1000	511	28
Gujarat	400	42	231	162	116	49	0	1000	10788	376
Haryana	643	70	215	58	10	3	0	1000	7282	355
Himachal Pradesh	344	247	228	155	17	8	0	1000	3116	420
Jammu & Kashmir	384	191	313	71	41	0	0	1000	4005	413
Jharkhand	51	42	292	244	259	109	3	1000	182	16
Karnataka	268	108	326	170	95	33	0	1000	8162	483
Kerala	245	339	312	78	25	1	0	1000	3954	428
Madhya Pradesh	142	33	188	301	227	110	0	1000	8875	362
Maharashtra	413	40	215	240	79	14	0	1000	18169	901
Manipur	165	81	194	112	162	286	0	1000	68	44
Meghalaya	43	33	59	213	196	455	0	1000	168	48
Mizoram	230	62	2	0	26	681	0	1000	27	12
Nagaland	150	179	189	111	218	154	0	1000	249	116
Orissa	122	120	360	278	105	15	0	1000	3517	178
Punjab	452	180	288	67	9	4	0	1000	13026	883
Rajasthan	187	54	188	299	222	50	0	1000	5747	311
Sikkim	323	158	252	175	70	22	0	1000	42	41
Tamil Nadu	372	129	323	122	49	6	0	1000	17244	1459
Tripura	628	255	106	11	0	0	0	1000	578	224
Uttar Pradesh	134	110	413	261	70	8	3	1000	36248	1449
Uttaranchal	207	152	230	189	131	91	0	1000	2375	99
West Bengal	274	224	266	128	63	45	0	1000	20037	1098
Group of UTs	401	130	303	104	48	12	0	1000	218	125
All-India	242	105	289	223	106	34	1	1000	198925	11854

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	fertiliser	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	808	802	6	48759	2506
Arunachal Pradesh	225	144	82	277	141
Assam	620	582	38	15510	1287
Bihar	888	804	83	62852	3333
Chhattisgarh	693	684	9	19131	774
Gujarat	806	801	5	30510	936
Haryana	532	527	6	10352	488
Himachal Pradesh	813	779	39	7413	921
Jammu & Kashmir	914	855	61	8641	831
Jharkhand	795	780	17	22480	1129
Karnataka	855	819	36	34540	1612
Kerala	611	610	2	13418	1169
Madhya Pradesh	589	580	10	37244	1556
Maharashtra	884	864	20	58210	2746
Manipur	488	460	28	1048	515
Meghalaya	417	400	16	1058	295
Mizoram	271	118	183	235	133
Nagaland	243	215	28	196	77
Orissa	761	725	35	32189	1531
Punjab	541	540	2	9985	607
Rajasthan	597	584	13	31720	1441
Sikkim	311	270	42	165	179
Tamil Nadu	717	711	6	27902	1690
Tripura	797	367	426	1851	835
Uttar Pradesh	780	769	11	133892	4993
Uttaranchal	535	493	42	4794	217
West Bengal	889	870	19	61542	3331
Group of UTs	673	663	10	493	273
All-India	757	735	23	676939	35623

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	fertiliser	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	305	302	2	18393	933
Arunachal Pradesh	118	63	63	157	77
Assam	532	506	27	13348	1088
Bihar	910	849	61	64468	3408
Chhattisgarh	78	76	2	2170	97
Gujarat	379	377	2	14350	450
Haryana	615	615	0	11962	556
Himachal Pradesh	740	712	29	6721	827
Jammu & Kashmir	819	764	57	7741	742
Jharkhand	351	343	9	9949	510
Karnataka	339	332	7	13697	696
Kerala	497	493	3	10912	910
Madhya Pradesh	522	510	13	33221	1281
Maharashtra	344	340	5	22694	1062
Manipur	161	153	8	346	169
Meghalaya	331	318	16	850	239
Mizoram	170	142	41	143	94
Nagaland	186	165	22	150	53
Orissa	147	139	8	6218	278
Punjab	548	547	1	10120	600
Rajasthan	345	340	5	18307	904
Sikkim	106	70	36	56	57
Tamil Nadu	301	299	2	11701	767
Tripura	585	341	245	1367	577
Uttar Pradesh	880	875	5	150968	5465
Uttaranchal	514	503	11	4606	198
West Bengal	716	696	21	49630	2636
Group of UTs	311	304	6	227	131
All-India	542	529	13	484736	24848

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	organic manure	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	689	687	2	41614	2021
Arunachal Pradesh	55	49	25	91	45
Assam	644	595	52	16198	1291
Bihar	321	305	18	22857	1193
Chhattisgarh	520	515	6	14366	601
Gujarat	713	691	21	26977	824
Haryana	352	339	13	6846	333
Himachal Pradesh	807	801	6	7314	924
Jammu & Kashmir	876	860	16	8259	757
Jharkhand	692	674	18	19535	954
Karnataka	790	759	32	31939	1488
Kerala	718	715	5	15804	1455
Madhya Pradesh	404	403	2	25558	1052
Maharashtra	656	631	26	43228	2031
Manipur	292	274	18	626	297
Meghalaya	349	348	1	888	242
Mizoram	252	225	50	215	114
Nagaland	789	784	5	636	274
Orissa	651	651	1	27583	1228
Punjab	355	349	6	6542	397
Rajasthan	571	559	13	30358	1323
Sikkim	972	971	0	516	524
Tamil Nadu	619	615	5	24077	1451
Tripura	215	178	38	505	258
Uttar Pradesh	479	467	12	82203	3067
Uttaranchal	915	904	11	8199	365
West Bengal	535	522	15	37165	1936
Group of UTs	610	584	26	447	248
All-India	560	547	14	500675	26714

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	organic manure	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(5)
Andhra Pradesh	279	280	1	16927	859
Arunachal Pradesh	117	112	16	158	53
Assam	537	507	30	13439	1063
Bihar	342	322	25	24510	1247
Chhattisgarh	35	35	0	977	54
Gujarat	272	264	8	10297	343
Haryana	318	318	0	6187	289
Himachal Pradesh	823	821	2	7457	917
Jammu & Kashmir	797	776	22	7531	683
Jharkhand	320	312	8	9049	444
Karnataka	297	292	7	12074	615
Kerala	675	673	3	14839	1231
Madhya Pradesh	391	386	6	24856	857
Maharashtra	222	215	7	14599	729
Manipur	252	245	5	537	248
Meghalaya	335	334	2	852	244
Mizoram	97	97	0	76	25
Nagaland	837	812	26	674	296
Orissa	95	92	3	4015	180
Punjab	345	344	1	6375	387
Rajasthan	271	269	1	14382	681
Sikkim	984	984	0	523	500
Tamil Nadu	278	276	2	10805	741
Tripura	250	229	23	588	270
Uttar Pradesh	560	555	7	96320	3509
Uttaranchal	921	921	0	8250	352
West Bengal	427	409	19	29692	1602
Group of UTs	281	269	12	206	123
All-India	375	368	8	336343	18569

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	improved seeds	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	676	667	9	40791	2129
Arunachal Pradesh	109	58	53	136	65
Assam	334	286	49	8383	743
Bihar	340	316	25	24178	1294
Chhattisgarh	116	113	4	3221	145
Gujarat	617	605	12	23360	750
Haryana	470	466	4	9138	431
Himachal Pradesh	545	519	27	4945	642
Jammu & Kashmir	404	349	56	3820	468
Jharkhand	218	206	13	6189	321
Karnataka	643	614	29	25979	1212
Kerala	160	157	3	3508	313
Madhya Pradesh	289	288	3	18342	802
Maharashtra	699	680	19	46015	2298
Manipur	424	392	32	910	405
Meghalaya	29	31	0	80	37
Mizoram	27	0	50	39	33
Nagaland	226	146	80	182	73
Orissa	191	164	28	8108	420
Punjab	444	442	2	8191	521
Rajasthan	536	522	14	28445	1351
Sikkim	100	100	0	53	63
Tamil Nadu	565	556	8	21965	1331
Tripura	446	272	176	1046	486
Uttar Pradesh	475	460	17	81815	3187
Uttaranchal	186	186	2	1683	87
West Bengal	628	607	21	43467	2374
Group of UTs	319	305	14	234	123
All-India	463	447	17	414335	22121

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	improved seeds	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	299	297	2	18061	949
Arunachal Pradesh	116	88	38	156	58
Assam	342	323	22	8630	720
Bihar	426	400	25	30152	1579
Chhattisgarh	11	12	0	332	25
Gujarat	286	283	3	10831	349
Haryana	510	510	0	9908	458
Himachal Pradesh	529	508	23	4808	609
Jammu & Kashmir	409	352	61	3898	421
Jharkhand	53	54	1	1554	93
Karnataka	226	219	7	9128	478
Kerala	131	128	2	2869	227
Madhya Pradesh	210	204	7	13423	488
Maharashtra	321	314	7	21119	996
Manipur	194	176	17	414	204
Meghalaya	37	36	1	95	34
Mizoram	0	0	0	0	1
Nagaland	219	151	68	177	69
Orissa	95	83	12	4020	180
Punjab	458	458	0	8458	526
Rajasthan	282	274	8	14975	766
Sikkim	8	8	0	4	10
Tamil Nadu	258	256	3	10054	655
Tripura	389	276	116	914	377
Uttar Pradesh	530	522	8	90991	3442
Uttaranchal	189	187	2	1690	82
West Bengal	583	562	23	40529	2146
Group of UTs	173	161	13	127	69
All-India	343	334	10	307446	16039

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	pesticide	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	709	705	6	42876	2180
Arunachal Pradesh	215	140	77	266	110
Assam	508	473	36	12744	1080
Bihar	403	360	44	28587	1536
Chhattisgarh	379	374	5	10463	427
Gujarat	484	473	11	18327	609
Haryana	359	357	2	6984	354
Himachal Pradesh	287	277	13	2625	352
Jammu & Kashmir	396	374	23	3747	489
Jharkhand	457	450	10	12965	645
Karnataka	552	527	26	22317	1029
Kerala	361	357	4	7928	654
Madhya Pradesh	283	281	3	17916	776
Maharashtra	554	533	21	36510	1778
Manipur	420	398	22	900	444
Meghalaya	391	311	81	996	268
Mizoram	34	0	57	44	34
Nagaland	340	251	89	274	118
Orissa	411	392	19	17408	884
Punjab	517	516	2	9541	587
Rajasthan	178	171	8	9474	499
Sikkim	36	23	14	20	25
Tamil Nadu	646	644	3	25138	1502
Tripura	671	377	297	1573	698
Uttar Pradesh	387	379	11	66936	2632
Uttaranchal	380	349	31	3406	140
West Bengal	796	780	17	55156	2958
Group of UTs	453	453	0	332	206
All-India	464	449	16	415672	23043

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	pesticide	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	296	295	2	17940	945
Arunachal Pradesh	111	78	42	148	62
Assam	482	462	23	12140	988
Bihar	456	425	37	32737	1733
Chhattisgarh	50	49	1	1376	70
Gujarat	252	248	4	9525	309
Haryana	428	428	0	8325	397
Himachal Pradesh	217	205	15	1995	268
Jammu & Kashmir	329	312	19	3124	415
Jharkhand	165	159	5	4657	241
Karnataka	213	207	7	8618	456
Kerala	268	265	2	5878	464
Madhya Pradesh	226	219	8	14422	508
Maharashtra	167	162	5	11018	564
Manipur	93	88	6	200	101
Meghalaya	225	210	20	584	167
Mizoram	1	0	1	0	2
Nagaland	258	218	39	207	78
Orissa	103	93	10	4353	217
Punjab	520	519	1	9594	580
Rajasthan	193	191	3	10262	535
Sikkim	17	8	10	9	12
Tamil Nadu	259	258	1	10080	649
Tripura	526	364	164	1233	498
Uttar Pradesh	354	346	8	60756	2308
Uttaranchal	157	154	5	1428	68
West Bengal	651	636	16	45156	2386
Group of UTs	223	223	0	164	101
All-India	308	299	10	276120	15150

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	veterinary services	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	411	382	29	24810	1375
Arunachal Pradesh	166	142	24	203	89
Assam	218	143	76	5483	461
Bihar	193	144	50	13699	738
Chhattisgarh	198	187	14	5529	242
Gujarat	453	374	80	17182	589
Haryana	415	357	58	8070	405
Himachal Pradesh	427	421	8	3887	509
Jammu & Kashmir	435	379	56	4101	459
Jharkhand	93	74	23	2737	168
Karnataka	383	340	42	15473	788
Kerala	242	237	6	5336	571
Madhya Pradesh	188	156	34	12025	516
Maharashtra	409	361	51	27096	1385
Manipur	61	11	50	131	84
Meghalaya	117	92	25	298	85
Mizoram	72	34	62	74	49
Nagaland	321	187	134	258	117
Orissa	307	256	51	12989	599
Punjab	656	628	28	12095	808
Rajasthan	216	195	22	11483	609
Sikkim	168	167	1	89	103
Tamil Nadu	448	423	26	17441	1555
Tripura	333	272	64	782	302
Uttar Pradesh	257	216	42	44397	1807
Uttaranchal	428	420	7	3833	158
West Bengal	318	256	63	22049	1198
Group of UTs	427	381	46	312	172
All-India	303	263	42	272033	15962

Table 14: Number per 1000 of farmer households reporting use/ timely use of different farming resources

State/ UT	per 1000 no. of farmer hhs using resource	per 1000 no. of farmer hhs using resource in time	per 1000 no. of farmer hhs using resource but not in time	veterinary services	
				no. of hhs using resource	
				estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)
Andhra Pradesh	297	284	13	17915	960
Arunachal Pradesh	132	81	60	174	76
Assam	143	104	39	3587	288
Bihar	179	146	35	12841	678
Chhattisgarh	19	19	0	515	29
Gujarat	285	245	40	10788	376
Haryana	374	356	18	7282	355
Himachal Pradesh	344	329	15	3116	420
Jammu & Kashmir	424	381	50	4064	420
Jharkhand	6	4	2	182	16
Karnataka	202	187	15	8164	484
Kerala	180	171	9	3954	428
Madhya Pradesh	140	111	32	9082	370
Maharashtra	276	265	11	18169	901
Manipur	31	20	9	64	42
Meghalaya	66	59	9	171	49
Mizoram	34	27	7	27	13
Nagaland	310	189	120	249	116
Orissa	83	78	5	3517	178
Punjab	706	683	23	13033	884
Rajasthan	108	94	14	5747	311
Sikkim	80	65	15	43	42
Tamil Nadu	443	419	25	17265	1460
Tripura	248	200	57	601	230
Uttar Pradesh	211	191	22	36429	1459
Uttaranchal	265	247	18	2375	99
West Bengal	289	229	66	20426	1118
Group of UTs	298	297	1	218	125
All-India	223	200	24	200039	11935

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	808	994	2478	616	383	1	48755	2504
Arunachal Pradesh	225	358	47	257	733	9	276	140
Assam	620	898	1148	443	550	6	15529	1287
Bihar	888	912	3008	449	524	26	62849	3332
Chhattisgarh	693	975	751	718	277	5	19131	774
Gujarat	806	988	926	798	194	8	30510	936
Haryana	532	995	485	715	283	2	10352	488
Himachal Pradesh	813	971	894	864	132	4	7366	918
Jammu & Kashmir	914	969	793	481	518	2	8625	823
Jharkhand	795	977	1097	498	494	8	22449	1127
Karnataka	855	967	1560	671	328	1	34540	1612
Kerala	611	988	1154	731	262	7	13415	1168
Madhya Pradesh	589	971	1519	561	431	9	37244	1556
Maharashtra	884	980	2686	739	260	1	58202	2745
Manipur	488	907	463	853	135	12	1048	515
Meghalaya	417	845	238	332	665	3	1060	296
Mizoram	271	423	45	547	384	69	211	110
Nagaland	243	771	62	474	526	0	196	77
Orissa	761	947	1460	653	337	9	32205	1531
Punjab	541	999	605	764	206	30	9977	606
Rajasthan	597	963	1388	640	358	2	31696	1439
Sikkim	311	861	155	707	284	9	165	179
Tamil Nadu	717	990	1666	821	178	1	27887	1689
Tripura	797	425	360	539	456	6	1859	836
Uttar Pradesh	780	989	4943	730	263	7	133889	4990
Uttaranchal	535	961	209	669	331	0	4794	217
West Bengal	889	973	3246	524	471	5	61537	3329
Group of UTs	673	999	270	719	281	0	493	273
All-India	757	969	33729	647	346	7	676792	35574

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

season: kharif							organic manure	
State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	689	951	1902	680	319	1	41596	2020
Arunachal Pradesh	55	407	21	42	958	0	68	34
Assam	644	790	1018	556	431	11	16128	1284
Bihar	321	876	1018	527	442	29	22731	1184
Chhattisgarh	520	851	514	750	244	6	14364	600
Gujarat	713	953	792	787	210	2	26977	824
Haryana	352	896	289	664	311	25	6840	332
Himachal Pradesh	807	968	904	865	135	0	7314	924
Jammu & Kashmir	876	964	719	581	417	3	8258	756
Jharkhand	692	838	805	396	603	1	19535	954
Karnataka	790	939	1404	607	391	2	31939	1488
Kerala	718	977	1417	745	247	8	15766	1454
Madhya Pradesh	404	843	902	606	372	22	25546	1051
Maharashtra	656	932	1896	726	258	16	43193	2027
Manipur	292	348	113	215	721	1	626	297
Meghalaya	349	884	212	749	248	3	888	242
Mizoram	252	692	65	587	356	57	197	98
Nagaland	789	693	193	569	430	0	636	274
Orissa	651	836	1058	466	487	46	27582	1227
Punjab	355	981	390	825	175	0	6542	397
Rajasthan	571	947	1266	625	369	6	30287	1321
Sikkim	972	996	518	779	221	0	516	524
Tamil Nadu	619	970	1407	781	219	0	24053	1449
Tripura	215	615	159	650	325	20	502	255
Uttar Pradesh	479	916	2788	691	296	9	82162	3065
Uttaranchal	915	859	301	795	199	5	8199	365
West Bengal	535	894	1724	585	400	13	37039	1928
Group of UTs	610	900	227	699	301	0	447	247
All-India	560	909	24037	652	336	11	500058	26642

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			organic manure no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	279	972	827	776	224	0	16873	858
Arunachal Pradesh	117	385	30	448	552	0	144	47
Assam	537	847	884	637	357	6	13435	1063
Bihar	342	856	1055	581	398	21	24207	1235
Chhattisgarh	35	1000	53	795	166	39	973	53
Gujarat	272	936	332	783	211	6	10297	343
Haryana	318	887	245	673	302	25	6187	289
Himachal Pradesh	823	990	908	938	59	3	7457	917
Jammu & Kashmir	797	960	641	615	385	0	7523	679
Jharkhand	320	902	390	520	479	0	9049	444
Karnataka	297	982	602	690	310	0	12001	613
Kerala	675	987	1204	753	243	4	14825	1230
Madhya Pradesh	391	808	725	544	445	12	24813	854
Maharashtra	222	948	699	790	195	15	14587	728
Manipur	252	370	101	170	797	2	540	249
Meghalaya	335	952	231	772	224	3	852	244
Mizoram	97	987	24	134	866	0	76	25
Nagaland	837	691	213	607	393	0	674	296
Orissa	95	777	141	307	622	54	4015	180
Punjab	345	1000	387	935	63	1	6375	387
Rajasthan	271	984	674	737	263	0	14382	681
Sikkim	984	997	496	869	129	0	523	500
Tamil Nadu	278	981	727	806	194	0	10805	741
Tripura	250	507	139	539	455	0	583	266
Uttar Pradesh	560	923	3205	744	247	5	96096	3499
Uttaranchal	921	870	299	877	123	0	8250	352
West Bengal	427	889	1405	659	335	4	29559	1596
Group of UTs	281	877	114	789	211	0	206	123
All-India	375	915	16776	705	287	7	335455	18519

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

season: kharif							improved seeds	
State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	676	973	2068	552	438	9	40764	2127
Arunachal Pradesh	109	712	32	684	283	24	133	62
Assam	334	848	632	408	578	14	8354	739
Bihar	340	921	1169	498	473	29	24063	1289
Chhattisgarh	116	944	137	591	404	5	3202	143
Gujarat	617	985	736	708	285	7	23360	750
Haryana	470	985	423	702	279	20	9138	431
Himachal Pradesh	545	973	622	791	201	8	4938	641
Jammu & Kashmir	404	919	420	416	583	1	3806	460
Jharkhand	218	939	299	550	445	0	6153	318
Karnataka	643	967	1167	593	401	7	25979	1212
Kerala	160	984	304	719	279	3	3508	313
Madhya Pradesh	289	978	785	514	483	3	18240	799
Maharashtra	699	967	2231	730	264	6	46015	2298
Manipur	424	888	344	645	311	17	909	404
Meghalaya	29	959	32	399	601	0	75	35
Mizoram	27	14	1	712	288	0	21	17
Nagaland	226	51	4	74	926	0	182	73
Orissa	191	868	370	562	393	24	8108	420
Punjab	444	995	519	800	200	0	8191	521
Rajasthan	536	961	1298	552	435	13	28445	1351
Sikkim	100	997	62	947	53	0	53	63
Tamil Nadu	565	985	1301	781	216	3	21965	1331
Tripura	446	532	260	624	374	1	1041	483
Uttar Pradesh	475	980	3103	646	344	6	81582	3176
Uttaranchal	186	1000	86	899	101	0	1663	86
West Bengal	628	949	2255	512	483	4	43452	2372
Group of UTs	319	910	118	623	377	0	234	123
All-India	463	962	20789	615	375	8	413685	22054

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			improved seeds no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	299	985	936	641	346	14	18058	948
Arunachal Pradesh	116	544	27	708	292	0	143	50
Assam	342	924	652	465	531	3	8576	713
Bihar	426	908	1435	515	467	18	30143	1575
Chhattisgarh	11	1000	23	644	356	0	315	23
Gujarat	286	978	342	762	232	6	10831	349
Haryana	510	997	456	737	263	0	9908	458
Himachal Pradesh	529	980	591	738	243	19	4793	607
Jammu & Kashmir	409	884	376	420	579	1	3857	415
Jharkhand	53	934	87	528	472	0	1506	91
Karnataka	226	987	467	691	297	12	9126	477
Kerala	131	979	216	772	221	7	2868	226
Madhya Pradesh	210	951	464	399	598	3	13358	484
Maharashtra	321	986	981	778	218	5	21119	996
Manipur	194	872	181	733	255	7	417	205
Meghalaya	37	980	31	469	531	0	94	33
Mizoram	0	1000	1	1000	0	0	0	1
Nagaland	219	17	3	25	975	0	177	69
Orissa	95	892	154	462	538	0	4004	179
Punjab	458	990	523	815	185	0	8458	526
Rajasthan	282	909	714	644	356	0	14975	766
Sikkim	8	1000	10	856	144	0	4	10
Tamil Nadu	258	995	646	788	209	3	10054	655
Tripura	389	489	163	574	426	0	908	373
Uttar Pradesh	530	985	3389	701	294	1	90869	3437
Uttaranchal	189	1000	82	857	143	0	1690	82
West Bengal	583	941	2027	533	459	2	40383	2140
Group of UTs	173	894	66	619	381	0	127	69
All-India	343	960	15065	642	351	5	306888	15985

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	709	986	2146	552	436	12	42788	2178
Arunachal Pradesh	215	438	36	482	483	35	263	106
Assam	508	877	938	450	537	11	12726	1078
Bihar	403	897	1382	467	491	40	28553	1529
Chhattisgarh	379	978	418	660	336	4	10463	427
Gujarat	484	964	593	590	400	10	18327	609
Haryana	359	994	351	767	201	31	6984	354
Himachal Pradesh	287	976	339	779	205	15	2604	350
Jammu & Kashmir	396	943	462	339	653	8	3735	488
Jharkhand	457	968	616	531	461	8	12917	642
Karnataka	552	965	994	629	352	19	22317	1029
Kerala	361	992	647	695	278	26	7928	654
Madhya Pradesh	283	975	756	548	445	7	17858	772
Maharashtra	554	959	1722	723	273	3	36485	1776
Manipur	420	906	401	826	150	13	900	444
Meghalaya	391	745	191	463	537	0	994	268
Mizoram	34	105	1	210	231	559	26	18
Nagaland	340	486	59	422	563	15	274	118
Orissa	411	914	811	582	405	13	17411	884
Punjab	517	995	585	697	251	51	9541	587
Rajasthan	178	942	472	373	468	159	9423	497
Sikkim	36	832	20	703	297	0	19	24
Tamil Nadu	646	995	1491	815	184	0	25124	1501
Tripura	671	553	418	578	417	2	1566	695
Uttar Pradesh	387	984	2573	645	341	11	66455	2613
Uttaranchal	380	967	132	798	198	4	3406	140
West Bengal	796	968	2863	522	468	9	55126	2954
Group of UTs	453	977	201	702	293	5	332	206
All-India	464	961	21646	602	381	16	414765	22970

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

season: rabi							pesticide	
State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	296	991	934	638	322	41	17902	943
Arunachal Pradesh	111	305	15	348	527	124	137	56
Assam	482	926	894	509	411	79	12069	982
Bihar	456	891	1530	456	532	12	32257	1704
Chhattisgarh	50	988	67	788	201	11	1372	69
Gujarat	252	945	301	692	301	7	9525	309
Haryana	428	996	395	688	289	22	8325	397
Himachal Pradesh	217	951	252	696	300	4	1967	266
Jammu & Kashmir	329	929	381	262	733	5	3101	410
Jharkhand	165	960	239	559	440	0	4658	242
Karnataka	213	976	446	758	233	9	8616	455
Kerala	268	991	458	722	271	7	5878	464
Madhya Pradesh	226	959	480	380	610	10	14349	503
Maharashtra	167	983	557	730	267	4	11018	564
Manipur	93	937	94	689	304	8	200	101
Meghalaya	225	861	136	449	551	0	573	165
Mizoram	1	0	0	0	1000	0	0	2
Nagaland	258	464	35	336	664	0	207	78
Orissa	103	900	192	428	522	36	4353	217
Punjab	520	992	577	756	198	46	9594	580
Rajasthan	193	931	507	475	517	8	10262	535
Sikkim	17	488	7	373	627	0	9	12
Tamil Nadu	259	997	648	795	200	5	10080	649
Tripura	526	588	281	651	349	0	1227	494
Uttar Pradesh	354	983	2264	665	324	9	60697	2301
Uttaranchal	157	992	66	800	200	0	1405	67
West Bengal	651	965	2293	581	410	4	45103	2381
Group of UTs	223	910	96	602	398	0	164	101
All-India	308	959	14173	603	381	15	275242	15075

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

season: kharif							veterinary services	
State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	411	899	1262	564	415	21	24789	1371
Arunachal Pradesh	166	528	47	405	446	136	204	89
Assam	218	611	285	310	524	166	5464	459
Bihar	193	754	548	390	483	120	13645	728
Chhattisgarh	198	903	211	709	275	13	5451	238
Gujarat	453	839	515	577	405	18	17138	588
Haryana	415	883	353	583	327	90	8070	405
Himachal Pradesh	427	980	496	882	100	18	3867	506
Jammu & Kashmir	435	860	404	336	565	99	4101	459
Jharkhand	93	774	135	320	642	38	2624	162
Karnataka	383	900	716	574	392	34	15473	788
Kerala	242	963	553	753	243	2	5315	567
Madhya Pradesh	188	877	451	351	617	32	11890	510
Maharashtra	409	895	1239	664	297	39	26898	1376
Manipur	61	218	23	57	777	84	131	84
Meghalaya	117	848	70	334	581	85	298	85
Mizoram	72	500	9	454	284	261	56	33
Nagaland	321	198	29	202	782	16	258	117
Orissa	307	794	481	522	412	65	13007	600
Punjab	656	957	780	695	295	9	12095	808
Rajasthan	216	903	555	449	516	35	11464	608
Sikkim	168	977	99	348	633	19	89	102
Tamil Nadu	448	958	1497	745	245	10	17420	1554
Tripura	333	705	226	535	427	36	777	296
Uttar Pradesh	257	887	1582	522	366	110	44017	1789
Uttaranchal	428	981	152	849	151	0	3833	158
West Bengal	318	780	937	469	455	75	21982	1189
Group of UTs	427	946	161	652	308	40	312	172
All-India	303	870	13830	557	387	55	270837	15862

Table 15: Number per 1000 of farmer households reporting use of different farming resources and their adequacy and quality

State/ UT	per 1000 no. of farmer hhs using resources for farming	per 1000 no. of user farmer hhs receiving adequate resources	no. of sample hhs reporting resources as adequate	per 1000 user farmer hhs reporting quality of farming resources as			veterinary services no. of hhs using resources	
				good	satis- factory	poor	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Andhra Pradesh	297	922	892	611	376	13	17911	959
Arunachal Pradesh	132	516	35	213	710	77	163	71
Assam	143	734	200	421	436	144	3570	284
Bihar	179	794	516	378	521	99	12654	663
Chhattisgarh	19	1000	28	534	466	0	511	28
Gujarat	285	875	328	669	321	10	10788	376
Haryana	374	906	329	604	296	100	7282	355
Himachal Pradesh	344	973	406	811	162	27	3116	420
Jammu & Kashmir	424	813	356	406	492	101	4005	413
Jharkhand	6	519	12	306	501	193	182	16
Karnataka	202	965	460	688	245	67	8162	483
Kerala	180	973	418	704	293	2	3954	428
Madhya Pradesh	140	833	301	422	526	52	8875	362
Maharashtra	276	936	848	735	255	10	18169	901
Manipur	31	724	33	389	558	17	68	44
Meghalaya	66	759	38	158	820	22	168	48
Mizoram	34	860	7	761	239	0	27	12
Nagaland	310	159	29	169	815	16	249	116
Orissa	83	939	160	603	331	49	3517	178
Punjab	706	964	853	753	239	9	13026	883
Rajasthan	108	939	296	508	463	28	5747	311
Sikkim	80	923	39	556	444	0	42	41
Tamil Nadu	443	965	1419	768	225	6	17244	1459
Tripura	248	664	151	572	354	64	578	224
Uttar Pradesh	211	908	1324	533	394	62	36248	1449
Uttaranchal	265	979	96	636	356	8	2375	99
West Bengal	289	779	874	476	457	54	20037	1098
Group of UTs	298	986	121	788	212	0	218	125
All-India	223	895	10577	593	360	43	198925	11854

Table 16: Per 1000 distributions of farmer households by availability of testing facility for (i) fertilisers and (ii) pesticides season: kharif

State/ UT	no. of hhs per 1000 hhs reporting availability of testing facility for												
	fertilisers						pesticides						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh	15	317	667	1	1000	3258	12	300	684	4	1000	3253	
Arunachal Pradesh	4	690	295	10	1000	435	5	650	325	20	1000	413	
Assam	10	461	494	34	1000	2137	5	437	500	58	1000	2128	
Bihar	13	584	391	12	1000	3824	10	488	465	36	1000	3753	
Chhattisgarh	21	598	381	1	1000	1084	15	511	473	1	1000	1084	
Gujarat	11	679	311	0	1000	1298	9	662	329	0	1000	1296	
Haryana	5	304	689	3	1000	842	6	292	700	3	1000	841	
Himachal Pradesh	41	487	472	0	1000	1151	23	455	521	1	1000	1140	
Jammu & Kashmir	5	527	468	0	1000	914	5	513	473	9	1000	912	
Jharkhand	11	637	347	5	1000	1373	3	660	329	7	1000	1357	
Karnataka	33	528	439	0	1000	1994	31	508	461	0	1000	1986	
Kerala	23	475	501	1	1000	2205	23	457	519	1	1000	2198	
Madhya Pradesh	17	437	545	0	1000	2339	13	407	579	0	1000	2315	
Maharashtra	16	516	468	0	1000	3273	12	505	481	2	1000	3261	
Manipur	12	506	428	54	1000	871	17	467	446	70	1000	867	
Meghalaya	6	517	447	30	1000	720	11	467	497	24	1000	719	
Mizoram	7	592	311	90	1000	441	9	609	252	131	1000	385	
Nagaland	40	633	262	65	1000	363	39	589	302	70	1000	367	
Orissa	5	310	675	9	1000	1927	1	275	695	30	1000	1927	
Punjab	91	303	605	0	1000	1037	82	292	626	0	1000	1037	
Rajasthan	6	585	410	0	1000	2573	3	565	432	0	1000	2569	
Sikkim	2	679	319	1	1000	552	3	659	324	15	1000	552	
Tamil Nadu	69	452	479	0	1000	2669	54	461	486	0	1000	2666	
Tripura	10	563	293	134	1000	971	12	542	243	203	1000	896	
Uttar Pradesh	22	569	370	39	1000	6486	15	483	380	123	1000	6432	
Uttaranchal	24	524	452	0	1000	386	45	530	425	0	1000	385	
West Bengal	14	519	457	10	1000	3737	13	480	475	32	1000	3696	
Group of UTs	4	245	750	2	1000	436	9	230	761	0	1000	433	
All-India	20	508	461	12	1000	49396	15	468	483	34	1000	48945	
estd. no. of hhs (00)	17171	441664	400931	10169	869935	--	13321	404413	417432	29089	864255	-	
sample no. of hhs	1087	24568	22948	793	49396	--	863	22669	23720	1693	48945	-	

Table 16: Per 1000 distributions of farmer households by availability of testing facility for (i) fertilisers and (ii) pesticides
season: rabi

State/ UT	no. of hhs per 1000 hhs reporting availability of testing facility for												
	fertilisers						pesticides						
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
Andhra Pradesh	6	331	662	1	1000	3180	4	320	675	1	1000	3180	
Arunachal Pradesh	6	735	232	27	1000	305	6	687	284	23	1000	293	
Assam	6	455	522	17	1000	431	2	1978	531	36	1000	1979	
Bihar	12	617	367	4	1000	3893	6	554	420	20	1000	3860	
Chhattisgarh	3	362	635	1	1000	712	3	356	641	1	1000	709	
Gujarat	7	672	322	0	1000	1280	3	659	338	0	1000	1279	
Haryana	5	240	755	0	1000	885	7	237	755	0	1000	887	
Himachal Pradesh	19	422	559	0	1000	1130	16	393	590	0	1000	1130	
Jammu & Kashmir	4	506	491	0	1000	889	2	485	510	3	1000	889	
Jharkhand	8	746	239	8	1000	924	2	725	257	16	1000	915	
Karnataka	27	491	482	0	1000	1782	24	468	508	0	1000	1776	
Kerala	13	472	515	0	1000	2172	10	450	540	0	1000	2172	
Madhya Pradesh	15	561	424	0	1000	2273	13	539	448	0	1000	2273	
Maharashtra	5	466	530	0	1000	2918	3	449	548	0	1000	2918	
Manipur	37	324	423	217	1000	555	28	276	402	294	1000	555	
Meghalaya	0	515	464	21	1000	713	2	496	476	26	1000	713	
Mizoram	8	501	417	74	1000	401	2	453	423	122	1000	369	
Nagaland	65	704	232	0	1000	372	51	691	259	0	1000	372	
Orissa	2	276	716	7	1000	1487	0	277	718	4	1000	1488	
Punjab	53	312	633	2	1000	1248	53	304	640	2	1000	1248	
Rajasthan	1	611	388	0	1000	2526	1	609	391	0	1000	2526	
Sikkim	0	726	274	0	1000	518	0	555	424	21	1000	518	
Tamil Nadu	46	425	529	0	1000	2835	37	421	542	0	1000	2835	
Tripura	3	415	240	342	1000	789	2	372	227	399	1000	779	
Uttar Pradesh	20	583	372	25	1000	6389	5	497	371	127	1000	6367	
Uttaranchal	0	482	517	0	1000	395	5	437	558	0	1000	395	
West Bengal	20	475	481	24	1000	3471	14	453	491	43	1000	3462	
Group of UTs	10	216	769	5	1000	443	10	214	776	0	1000	443	
All-India	15	507	469	9	1000	46560	9	474	484	34	1000	46427	
estd. no. of hhs (00)	12029	419273	387869	7751	826921	--	7495	390609	398936	27894	824934	-	
sample no. of hhs	743	22861	22023	933	46560	--	512	21373	22662	1880	46427	-	

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/ petrol/ kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Andhra Pradesh											
ploughing	3	383	0	0	0	0	0	614	1000	54819	2795
irrigation	784	202	0	0	0	0	0	14	1000	19457	972
harvesting	3	599	0	0	0	0	0	398	1000	5541	280
threshing	3	545	0	0	0	0	0	452	1000	14624	716
cane crushing	782	216	0	0	0	0	0	1	1000	868	41
transport	3	437	0	1	0	1	1	558	1000	38727	1940
cooking	2	9	1	72	13	5	896	2	1000	46215	2693
lighting	825	160	0	0	9	0	2	4	1000	46953	2725
estd. no. of hhs (00)	12843	15928	0	922	176	37	10190	15423	55519	-	-
sample no. of hhs	766	879	0	66	19	1	644	746	3121	-	-
Arunachal Pradesh											
ploughing	4	17	0	0	1	0	0	977	1000	426	225
irrigation	16	8	0	0	0	0	227	749	1000	25	18
harvesting	0	219	0	0	0	0	0	781	1000	85	31
threshing	0	12	0	0	0	0	0	988	1000	69	27
cane crushing	0	0	0	0	0	0	0	1000	1000	3	2
transport	0	498	0	0	0	0	0	502	1000	231	105
cooking	3	11	0	25	7	2	952	0	1000	964	420
lighting	501	268	0	0	0	0	219	11	1000	925	402
estd. no. of hhs (00)	78	68	0	0	0	2	196	111	457	-	-
sample no. of hhs	49	37	0	3	1	1	76	63	230	-	-
Assam											
ploughing	0	26	0	0	0	0	0	974	1000	23307	1998
irrigation	44	865	0	0	0	0	0	91	1000	2004	175
harvesting	2	9	0	0	0	0	0	989	1000	1396	125
threshing	0	0	0	0	0	0	0	1000	1000	11488	1011
cane crushing	0	13	0	0	0	0	0	987	1000	934	95
transport	0	102	0	0	0	0	3	895	1000	5410	460
cooking	1	6	0	53	2	1	935	2	1000	18487	1600
lighting	292	707	0	0	0	0	1	0	1000	19335	1670
estd. no. of hhs (00)	1261	4028	0	175	0	10	4281	11330	21084	-	-
sample no. of hhs	140	357	0	20	0	1	361	975	1854	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Bihar											
ploughing	2	642	1	0	0	0	1	354	1000	65609	3491
irrigation	21	974	0	0	0	0	0	5	1000	54622	2883
harvesting	35	511	2	5	3	0	18	425	1000	3767	239
threshing	9	800	0	0	0	0	1	190	1000	37702	2067
cane crushing	88	609	8	0	0	0	3	292	1000	11136	576
transport	2	882	0	0	0	0	1	115	1000	40305	2292
cooking	1	21	0	11	6	405	556	1	1000	66759	3746
lighting	142	854	1	0	0	1	2	0	1000	68920	3856
estd. no. of hhs (00)	1912	36979	75	91	68	3925	6066	6637	55753	-	-
sample no. of hhs	129	1994	2	4	3	269	341	373	3115	-	-
Chhattisgarh											
ploughing	1	95	0	0	0	0	0	904	1000	27168	1063
irrigation	626	276	0	0	0	0	0	98	1000	2101	88
harvesting	0	95	0	0	0	0	0	905	1000	390	17
threshing	2	145	0	0	0	0	0	853	1000	17703	698
cane crushing	833	40	0	0	0	0	0	128	1000	379	10
transport	1	85	0	0	0	0	0	915	1000	16404	672
cooking	1	2	0	8	3	64	922	0	1000	27461	1078
lighting	595	389	4	0	11	0	0	1	1000	27578	1086
estd. no. of hhs (00)	3321	4328	2	0	47	386	4555	10557	23195	-	-
sample no. of hhs	136	184	1	0	2	18	178	413	932	-	-
Gujarat											
ploughing	9	523	0	0	0	0	1	467	1000	32392	1007
irrigation	633	348	0	0	0	0	0	19	1000	15699	499
harvesting	58	587	0	0	1	0	0	355	1000	5146	184
threshing	63	703	0	0	0	0	0	234	1000	14546	459
cane crushing	412	469	0	0	0	0	0	119	1000	1064	41
transport	9	712	0	0	0	0	0	278	1000	24447	858
cooking	3	13	1	86	16	16	865	0	1000	37733	1327
lighting	808	181	0	0	9	0	1	0	1000	37696	1326
estd. no. of hhs (00)	9714	11579	12	625	310	13	8244	6221	36718	-	-
sample no. of hhs	356	401	1	34	8	2	293	199	1294	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/ petrol/ kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Haryana											
ploughing	0	886	0	0	0	0	0	114	1000	12940	585
irrigation	467	531	0	0	0	0	0	2	1000	10045	480
harvesting	0	992	0	0	0	0	0	8	1000	2133	119
threshing	33	962	0	0	5	0	0	0	1000	10441	469
cane crushing	145	855	0	0	0	0	0	0	1000	536	18
transport	4	843	0	0	0	0	0	154	1000	13483	635
cooking	0	14	0	81	14	475	416	0	1000	18856	901
lighting	869	120	0	0	11	0	0	0	1000	18839	905
estd. no. of hhs (00)	4571	8540	0	434	173	2419	1638	835	18610	-	-
sample no. of hhs	232	398	0	19	6	107	86	32	880	-	-
Himachal Pradesh											
ploughing	10	220	0	0	0	0	0	770	1000	8342	1036
irrigation	821	155	0	0	0	0	0	24	1000	782	113
harvesting	534	60	0	0	0	0	0	406	1000	77	8
threshing	290	610	0	1	0	0	0	98	1000	5293	633
cane crushing	637	363	0	0	0	0	0	0	1000	19	5
transport	22	902	0	0	0	0	8	68	1000	1264	169
cooking	3	4	1	168	13	0	811	0	1000	9057	1152
lighting	939	15	0	0	46	0	0	0	1000	9040	1151
estd. no. of hhs (00)	2444	1297	0	314	87	0	1640	2291	8073	-	-
sample no. of hhs	321	168	0	46	10	0	207	270	1022	-	-
Jammu & Kashmir											
ploughing	7	369	0	0	0	0	0	624	1000	8512	821
irrigation	749	215	0	0	0	0	0	36	1000	1134	160
harvesting	0	87	0	0	0	0	0	913	1000	639	73
threshing	45	793	0	0	0	0	0	163	1000	4903	341
cane crushing	0	299	0	0	0	0	0	701	1000	39	7
transport	6	767	0	0	0	0	0	227	1000	6623	637
cooking	3	15	0	110	3	79	791	0	1000	9317	901
lighting	926	55	0	1	10	0	8	0	1000	9370	911
estd. no. of hhs (00)	1492	2807	0	140	12	137	1366	1511	7464	-	-
sample no. of hhs	191	222	0	22	3	11	109	140	698	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/ petrol/ kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Jharkhand											
ploughing	0	19	1	0	0	0	0	980	1000	27060	1330
irrigation	21	811	0	13	0	0	0	155	1000	2975	182
harvesting	0	1	0	0	0	0	0	999	1000	1250	63
threshing	1	62	0	0	0	0	0	937	1000	13716	679
cane crushing	0	12	0	0	0	0	0	988	1000	334	14
transport	0	176	2	0	0	0	6	816	1000	13330	700
cooking	0	6	0	1	0	31	961	0	1000	27373	1329
lighting	159	828	2	0	4	0	6	2	1000	28151	1398
estd. no. of hhs (00)	886	5331	3	3	29	150	5050	10221	21674	-	-
sample no. of hhs	61	265	1	1	2	10	228	521	1089	-	-
Karnataka											
ploughing	4	139	1	1	0	0	0	855	1000	37077	1758
irrigation	889	74	0	0	0	0	0	37	1000	8594	470
harvesting	8	269	2	0	0	0	2	720	1000	11563	596
threshing	7	364	0	0	0	0	0	629	1000	8010	398
cane crushing	168	512	0	0	0	0	0	320	1000	635	29
transport	3	220	0	0	0	0	1	776	1000	30407	1439
cooking	7	19	0	33	10	0	931	1	1000	35276	1711
lighting	882	90	7	0	16	0	5	0	1000	35707	1734
estd. no. of hhs (00)	9476	4781	36	352	303	0	6765	16524	38237	-	-
sample no. of hhs	479	261	4	32	17	0	334	766	1893	-	-
Kerala											
ploughing	14	717	0	0	0	0	0	270	1000	2586	249
irrigation	846	150	0	0	0	0	0	4	1000	2830	302
harvesting	149	609	0	0	0	0	166	76	1000	139	13
threshing	76	880	0	0	0	0	0	44	1000	128	12
cane crushing	0	0	0	0	1000	0	0	0	1000	1	1
transport	26	954	0	6	0	0	0	14	1000	1955	190
cooking	5	7	0	190	12	4	774	9	1000	20676	2106
lighting	822	139	1	1	7	0	18	12	1000	20027	2020
estd. no. of hhs (00)	7352	2573	15	1871	138	40	8391	513	20893	-	-
sample no. of hhs	748	295	1	169	15	3	842	37	2110	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/ petrol/ kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Madhya Pradesh											
ploughing	5	341	0	0	0	0	0	654	1000	60720	2350
irrigation	653	341	0	0	0	0	0	6	1000	24043	1058
harvesting	41	792	3	0	0	0	0	164	1000	6537	126
threshing	401	339	1	0	0	0	0	259	1000	47676	1831
cane crushing	178	211	0	0	0	0	0	611	1000	1385	29
transport	3	399	0	0	0	0	5	593	1000	44614	1734
cooking	2	0	0	10	4	129	854	1	1000	58658	2306
lighting	719	269	0	1	8	0	3	0	1000	59735	2330
estd. no. of hhs (00)	13085	15486	45	56	105	673	9105	17843	56400	-	-
sample no. of hhs	562	609	2	3	6	40	307	625	2154	-	-
Maharashtra											
ploughing	3	211	2	0	0	0	0	785	1000	61405	2944
irrigation	869	121	0	0	0	0	0	10	1000	20016	995
harvesting	73	437	19	0	0	10	4	458	1000	5210	231
threshing	347	440	2	0	0	0	0	211	1000	37743	1817
cane crushing	944	56	0	0	0	0	0	0	1000	1027	52
transport	5	305	0	0	0	0	1	688	1000	48873	2403
cooking	1	18	0	89	17	7	867	1	1000	64175	3212
lighting	804	181	0	0	10	0	3	2	1000	65799	3310
estd. no. of hhs (00)	16640	11825	91	1288	510	88	11982	18608	61032	-	-
sample no. of hhs	900	599	1	87	25	3	585	865	3065	-	-
Manipur											
ploughing	2	627	2	0	0	0	4	365	1000	1360	658
irrigation	0	1000	0	0	0	0	0	0	1000	75	28
harvesting	39	317	0	0	0	0	0	644	1000	12	8
threshing	205	0	0	0	0	0	384	411	1000	4	6
cane crushing	-	-	-	-	-	-	-	-	-	-	0
transport	1	766	0	0	0	0	0	233	1000	1077	540
cooking	2	3	5	144	12	0	834	0	1000	1868	861
lighting	683	315	0	0	0	0	2	0	1000	1872	864
estd. no. of hhs (00)	284	506	0	32	1	0	318	196	1339	-	-
sample no. of hhs	128	245	0	26	1	1	131	85	617	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Meghalaya											
ploughing	0	239	0	0	0	0	0	761	1000	734	193
irrigation	0	1000	0	0	0	0	0	0	1000	32	6
harvesting	-	-	-	-	-	-	-	-	-	-	0
threshing	0	0	0	0	0	0	0	1000	1000	77	19
cane crushing	-	-	-	-	-	-	-	-	-	-	0
transport	0	446	0	0	0	0	0	554	1000	86	30
cooking	2	5	0	2	0	0	992	0	1000	2480	713
lighting	614	376	0	0	2	0	8	0	1000	2480	713
estd. no. of hhs (00)	637	487	0	3	5	0	1118	227	2476	-	-
sample no. of hhs	187	127	0	8	1	0	332	56	711	-	-
Mizoram											
ploughing	0	0	0	0	0	0	14	986	1000	14	5
irrigation	-	-	-	-	-	-	-	-	-	-	0
harvesting	0	0	0	0	0	0	0	1000	1000	1	1
threshing	1000	0	0	0	0	0	0	0	1000	5	1
cane crushing	0	0	0	0	0	0	0	1000	1000	4	3
transport	0	0	0	0	0	0	77	923	1000	20	9
cooking	1	96	0	256	6	5	635	1	1000	760	487
lighting	747	163	0	0	0	0	90	0	1000	753	484
estd. no. of hhs (00)	138	40	0	81	0	2	124	10	396	-	-
sample no. of hhs	100	27	0	52	0	2	90	5	276	-	-
Nagaland											
ploughing	0	0	0	0	0	0	0	1000	1000	81	29
irrigation	-	-	-	-	-	-	-	-	-	-	0
harvesting	-	-	-	-	-	-	-	-	-	-	0
threshing	0	0	0	0	0	0	0	1000	1000	14	4
cane crushing	-	-	-	-	-	-	-	-	-	-	0
transport	0	666	0	0	0	0	0	334	1000	4	3
cooking	0	6	0	78	14	0	902	0	1000	556	255
lighting	717	283	0	0	0	0	0	0	1000	499	229
estd. no. of hhs (00)	63	21	0	5	0	0	110	9	208	-	-
sample no. of hhs	25	11	0	3	0	0	58	4	101	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/ petrol/ kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Orissa											
ploughing	0	121	0	0	0	0	0	879	1000	41238	1854
irrigation	378	606	0	0	0	0	0	17	1000	2932	154
harvesting	2	71	0	0	0	0	0	927	1000	6633	284
threshing	46	40	0	0	0	0	0	914	1000	14678	688
cane crushing	102	92	24	0	0	0	0	781	1000	608	39
transport	0	136	1	0	0	5	0	858	1000	15175	718
cooking	0	5	0	2	1	69	923	0	1000	37672	1741
lighting	216	781	1	0	1	0	0	0	1000	40914	1891
estd. no. of hhs (00)	2414	9364	1	59	16	673	7386	17007	36919	-	-
sample no. of hhs	136	437	1	4	1	40	330	734	1683	-	-
Punjab											
ploughing	15	961	0	0	0	0	0	25	1000	9822	602
irrigation	710	290	0	0	0	0	0	0	1000	8931	558
harvesting	40	960	0	0	0	0	0	0	1000	7456	476
threshing	57	943	0	0	0	0	0	0	1000	8458	519
cane crushing	104	843	0	0	0	0	0	53	1000	2701	162
transport	15	950	0	0	0	0	0	35	1000	10626	696
cooking	4	5	3	167	18	577	226	0	1000	18278	1271
lighting	950	31	0	0	15	0	3	0	1000	18327	1273
estd. no. of hhs (00)	5890	6195	8	777	230	3502	933	126	17662	-	-
sample no. of hhs	402	421	1	48	24	273	75	5	1249	-	-
Rajasthan											
ploughing	6	704	0	0	0	0	0	291	1000	49349	2282
irrigation	339	611	1	0	0	0	0	49	1000	21216	1053
harvesting	15	790	0	0	20	0	7	167	1000	4111	180
threshing	78	763	0	3	0	0	0	156	1000	26095	1285
cane crushing	134	470	4	0	0	0	0	393	1000	3489	203
transport	2	753	0	0	0	0	2	244	1000	36410	1868
cooking	1	5	0	21	0	10	960	3	1000	52561	2567
lighting	460	535	1	0	3	0	1	0	1000	52418	2558
estd. no. of hhs (00)	6021	24167	14	238	2	89	9644	6038	46214	-	-
sample no. of hhs	344	1208	1	23	1	7	488	206	2278	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Sikkim											
ploughing	0	0	0	0	0	0	0	1000	1000	426	421
irrigation	0	0	0	0	0	0	0	1000	1000	3	1
harvesting	-	-	-	-	-	-	-	-	-	-	0
threshing	0	0	0	0	0	0	0	1000	1000	8	9
cane crushing	-	-	-	-	-	-	-	-	-	-	0
transport	0	1000	0	0	0	0	0	0	1000	0	1
cooking	1	11	0	106	1	0	881	0	1000	531	551
lighting	840	133	2	0	23	0	1	0	1000	531	552
estd. no. of hhs (00)	156	26	1	19	3	0	139	178	522	-	-
sample no. of hhs	173	27	1	27	4	0	146	167	545	-	-
Tamil Nadu											
ploughing	17	679	0	0	0	0	0	304	1000	27245	1720
irrigation	724	273	0	0	0	0	0	3	1000	16654	1075
harvesting	83	787	0	0	0	0	0	131	1000	1463	111
threshing	70	794	0	0	0	0	0	136	1000	3949	238
cane crushing	796	173	0	0	0	0	0	31	1000	491	35
transport	7	644	0	1	0	0	0	348	1000	22317	1566
cooking	2	26	1	150	23	0	799	0	1000	38675	3166
lighting	873	119	0	0	3	0	5	0	1000	38694	3169
estd. no. of hhs (00)	11555	10532	0	1555	239	3	8788	4178	36850	-	-
sample no. of hhs	990	844	0	118	38	1	831	219	3041	-	-
Tripura											
ploughing	2	433	0	0	0	0	0	565	1000	2032	846
irrigation	318	648	0	0	0	25	0	10	1000	778	375
harvesting	2	299	0	0	0	0	50	649	1000	305	137
threshing	0	219	0	0	0	0	0	781	1000	827	374
cane crushing	0	0	0	0	0	0	0	1000	1000	24	9
transport	0	931	0	0	0	0	2	67	1000	92	52
cooking	0	0	0	4	0	0	996	0	1000	1571	630
lighting	598	355	0	0	47	0	0	0	1000	855	330
estd. no. of hhs (00)	141	466	0	0	15	8	374	517	1521	-	-
sample no. of hhs	71	220	0	1	3	1	123	224	643	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	firewood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Uttar Pradesh											
ploughing	5	812	0	0	0	0	0	183	1000	156692	5816
irrigation	158	842	0	0	0	0	0	0	1000	137882	5177
harvesting	45	868	2	0	0	0	2	83	1000	17118	680
threshing	62	899	1	0	0	0	0	38	1000	120992	4517
cane crushing	146	644	0	0	0	0	0	209	1000	29274	1139
transport	4	717	0	0	0	1	1	276	1000	81480	3189
cooking	2	14	0	25	7	397	554	0	1000	153163	5955
lighting	220	772	1	1	4	1	2	0	1000	153278	5973
estd. no. of hhs (00)	12935	102895	17	527	305	11286	14250	12588	154802	-	-
sample no. of hhs	580	3938	1	39	12	486	618	446	6120	-	-
Uttaranchal											
ploughing	0	209	0	0	0	0	0	791	1000	8579	384
irrigation	153	847	0	0	0	0	0	0	1000	1897	90
harvesting	126	846	0	0	0	0	0	28	1000	713	25
threshing	3	555	0	0	0	0	0	442	1000	3180	126
cane crushing	220	591	0	0	0	0	0	188	1000	75	5
transport	0	575	0	0	0	0	0	425	1000	2540	134
cooking	0	15	0	97	6	27	849	5	1000	8962	412
lighting	560	351	40	0	49	0	0	0	1000	8926	409
estd. no. of hhs (00)	1253	2255	44	148	51	48	2050	2532	8382	-	-
sample no. of hhs	59	112	2	8	2	6	81	119	389	-	-
West Bengal											
ploughing	5	526	0	0	0	0	0	468	1000	61002	3258
irrigation	128	868	0	0	0	0	0	4	1000	35987	1969
harvesting	0	228	0	3	0	0	31	737	1000	2648	145
threshing	29	225	5	3	0	0	27	711	1000	2859	167
cane crushing	36	189	0	0	0	0	0	775	1000	677	33
transport	10	302	0	0	0	2	3	684	1000	26169	1327
cooking	1	16	0	23	5	84	870	2	1000	59446	3399
lighting	318	675	3	0	2	1	2	0	1000	65388	3708
estd. no. of hhs (00)	5864	27145	92	239	138	1236	11960	11070	57742	-	-
sample no. of hhs	390	1538	5	16	4	63	744	548	3308	-	-

Table 17: Per 1000 distribution of farmer households by primary source of energy for different activities

activity	primary source of energy									no. of hhs reporting use of energy	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Group of UTs											
ploughing	0	334	0	0	0	0	0	665	1000	478	280
irrigation	892	108	0	0	0	0	0	0	1000	136	79
harvesting	0	987	0	0	0	0	0	13	1000	33	12
threshing	42	623	0	0	0	0	0	335	1000	82	40
cane crushing	359	541	0	0	0	0	0	100	1000	35	9
transport	0	875	0	0	0	0	0	125	1000	379	238
cooking	2	31	0	151	4	6	806	0	1000	697	440
lighting	944	28	0	0	7	0	20	1	1000	707	451
estd. no. of hhs (00)	229	141	0	32	5	0	160	128	694	-	-
sample no. of hhs	133	121	0	36	4	0	110	65	469	-	-
All India											
ploughing	4	475	0	0	0	0	0	520	1000	782038	40086
irrigation	335	655	0	0	0	0	0	10	1000	391047	18992
harvesting	31	586	2	0	1	1	3	376	1000	84463	4177
threshing	115	611	1	0	0	0	0	272	1000	405467	19181
cane crushing	168	570	2	0	0	0	1	259	1000	55788	2565
transport	4	531	0	0	0	1	1	462	1000	482901	24668
cooking	2	12	0	50	8	156	770	1	1000	818935	47038
lighting	519	468	2	0	7	0	3	1	1000	834428	47539
estd. no. of hhs (00)	132798	309951	458	9991	3001	24726	136870	173551	791345	-	-
sample no. of hhs	8827	15964	25	917	213	1346	8747	8924	44963	-	-

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Andhra Pradesh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	513	0	0	0	0	0	487	1000	11	6
0.01 - 0.40	7	395	0	0	0	0	0	598	1000	9142	910
0.41 - 1.00	0	396	0	0	0	0	0	604	1000	20874	730
1.01 - 2.00	9	380	0	0	0	0	0	611	1000	12033	561
2.01 - 4.00	1	350	0	0	0	0	0	649	1000	8493	409
4.01 - 10.00	0	338	0	0	0	0	0	662	1000	3853	162
10.00 +	0	591	0	0	0	0	0	409	1000	413	17
all sizes	3	383	0	0	0	0	0	614	1000	54819	2795
estd. no. of hhs (00)	176	20971	0	0	0	0	0	33672	54819	--	--
sample no. of hhs	8	1248	0	0	0	0	0	1539	2795	--	--
activity: irrigation											
< 0.01	0	211	0	0	0	0	0	789	1000	4	2
0.01 - 0.40	627	369	0	0	0	0	0	4	1000	2041	229
0.41 - 1.00	773	215	0	0	0	0	0	13	1000	6304	216
1.01 - 2.00	818	169	0	0	0	0	0	13	1000	5361	239
2.01 - 4.00	778	191	0	0	0	0	0	30	1000	3509	189
4.01 - 10.00	921	79	0	0	0	0	0	0	1000	1990	88
10.00 +	636	364	0	0	0	0	0	0	1000	249	9
all sizes	784	202	0	0	0	0	0	14	1000	19457	972
estd. no. of hhs (00)	15258	3932	0	0	0	0	0	267	19457	--	--
sample no. of hhs	734	229	0	0	0	0	0	9	972	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	14	700	0	0	0	0	0	285	1000	760	85
0.41 - 1.00	4	647	0	0	0	0	0	349	1000	1990	63
1.01 - 2.00	0	681	0	0	0	0	0	319	1000	1255	57
2.01 - 4.00	0	381	0	0	0	0	0	619	1000	1076	53
4.01 - 10.00	0	549	0	0	0	0	0	451	1000	427	21
10.00 +	0	0	0	0	0	0	0	1000	1000	32	1
all sizes	3	599	0	0	0	0	0	398	1000	5541	280
estd. no. of hhs (00)	19	3318	0	0	0	0	0	2204	5541	--	--
sample no. of hhs	3	167	0	0	0	0	0	110	280	--	--
activity: threshing											
< 0.01	0	380	0	0	0	0	0	620	1000	6	4
0.01 - 0.40	7	450	0	0	0	0	0	544	1000	2058	203
0.41 - 1.00	0	525	0	0	0	0	0	475	1000	5052	174
1.01 - 2.00	0	619	0	0	0	0	0	381	1000	3608	153
2.01 - 4.00	5	493	0	0	0	0	0	502	1000	2036	109
4.01 - 10.00	11	626	0	0	0	0	0	363	1000	1692	65
10.00 +	0	599	0	0	0	0	0	401	1000	172	8
all sizes	3	545	0	0	0	0	0	452	1000	14624	716
estd. no. of hhs (00)	43	7976	0	0	0	0	0	6605	14624	--	--
sample no. of hhs	5	416	0	0	0	0	0	295	716	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Arunachal Pradesh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	19	12
0.01 - 0.40	0	0	0	0	0	0	1	999	1000	86	39
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	78	39
1.01 - 2.00	0	0	0	0	2	0	0	998	1000	159	89
2.01 - 4.00	27	110	0	0	0	0	0	863	1000	68	39
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	15	7
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	4	17	0	0	1	0	0	977	1000	426	225
estd. no. of hhs (00)	2	7	0	0	0	0	0	416	426	--	--
sample no. of hhs	1	4	0	0	1	0	1	218	225	--	--
activity: irrigation											
< 0.01	0	0	0	0	0	0	0	1000	1000	0	1
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	14	6
0.41 - 1.00	0	0	0	0	0	0	714	286	1000	4	3
1.01 - 2.00	47	47	0	0	0	0	692	214	1000	4	6
2.01 - 4.00	78	0	0	0	0	0	0	922	1000	3	2
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	16	8	0	0	0	0	227	749	1000	25	18
estd. no. of hhs (00)	0	0	0	0	0	0	6	19	25	--	--
sample no. of hhs	2	1	0	0	0	0	2	13	18	--	--
activity: harvesting											
< 0.01	0	0	0	0	0	0	0	1000	1000	7	1
0.01 - 0.40	0	26	0	0	0	0	0	974	1000	22	7
0.41 - 1.00	0	372	0	0	0	0	0	628	1000	20	7
1.01 - 2.00	0	327	0	0	0	0	0	673	1000	27	9
2.01 - 4.00	0	210	0	0	0	0	0	790	1000	10	7
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	219	0	0	0	0	0	781	1000	85	31
estd. no. of hhs (00)	0	19	0	0	0	0	0	66	85	--	--
sample no. of hhs	0	8	0	0	0	0	0	23	31	--	--
activity: threshing											
< 0.01	0	0	0	0	0	0	0	1000	1000	7	1
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	27	7
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	15	6
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	15	6
2.01 - 4.00	0	153	0	0	0	0	0	847	1000	5	7
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	12	0	0	0	0	0	988	1000	69	27
estd. no. of hhs (00)	0	1	0	0	0	0	0	69	69	--	--
sample no. of hhs	0	1	0	0	0	0	0	26	27	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Assam	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	11	4
0.01 - 0.40	0	24	0	0	0	0	0	976	1000	6056	790
0.41 - 1.00	0	24	0	0	0	0	0	976	1000	9222	550
1.01 - 2.00	0	15	0	0	0	0	0	985	1000	5547	489
2.01 - 4.00	0	60	0	0	0	0	0	940	1000	2324	149
4.01 - 10.00	0	152	0	0	0	0	0	848	1000	146	16
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	26	0	0	0	0	0	974	1000	23307	1998
estd. no. of hhs (00)	0	615	0	0	0	0	0	22692	23307	--	--
sample no. of hhs	0	67	0	0	0	0	0	1931	1998	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	6	934	0	0	0	0	0	59	1000	400	52
0.41 - 1.00	40	847	0	0	0	0	0	112	1000	663	39
1.01 - 2.00	45	827	0	0	0	0	0	129	1000	656	55
2.01 - 4.00	111	889	0	0	0	0	0	0	1000	264	25
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	21	4
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	44	865	0	0	0	0	0	91	1000	2004	175
estd. no. of hhs (00)	88	1733	0	0	0	0	0	183	2004	--	--
sample no. of hhs	6	151	0	0	0	0	0	18	175	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	40	0	0	0	0	0	960	1000	314	51
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	520	30
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	306	30
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	208	10
4.01 - 10.00	48	0	0	0	0	0	0	952	1000	48	4
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	2	9	0	0	0	0	0	989	1000	1396	125
estd. no. of hhs (00)	2	13	0	0	0	0	0	1381	1396	--	--
sample no. of hhs	1	1	0	0	0	0	0	123	125	--	--
activity: threshing											
< 0.01	0	0	0	0	0	0	0	1000	1000	10	2
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	3214	397
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	4322	268
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	2685	258
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	1189	76
4.01 - 10.00	34	0	0	0	0	0	0	966	1000	69	10
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	11488	1011
estd. no. of hhs (00)	2	0	0	0	0	0	0	11486	11488	--	--
sample no. of hhs	1	0	0	0	0	0	0	1010	1011	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Bihar	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	21	395	0	0	0	0	0	584	1000	279	58
0.01 - 0.40	3	623	1	0	0	0	0	372	1000	31241	1758
0.41 - 1.00	2	632	0	0	0	0	2	364	1000	20458	797
1.01 - 2.00	0	659	0	0	0	0	0	341	1000	9108	629
2.01 - 4.00	2	768	0	0	0	0	0	230	1000	3475	196
4.01 - 10.00	0	857	0	0	0	0	0	143	1000	871	44
10.00 +	0	1000	0	0	0	0	0	0	1000	178	9
all sizes	2	642	1	0	0	0	1	354	1000	65609	3491
estd. no. of hhs (00)	162	42106	45	0	0	0	45	23252	65609	--	--
sample no. of hhs	6	2244	2	0	0	0	1	1238	3491	--	--
activity: irrigation											
< 0.01	27	813	0	0	0	0	0	160	1000	201	44
0.01 - 0.40	23	971	0	0	0	0	0	5	1000	27426	1476
0.41 - 1.00	22	974	0	0	0	0	0	4	1000	16185	633
1.01 - 2.00	18	977	0	0	0	0	0	5	1000	7031	520
2.01 - 4.00	3	997	0	0	0	0	0	0	1000	2894	162
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	749	40
10.00 +	0	1000	0	0	0	0	0	0	1000	136	8
all sizes	21	974	0	0	0	0	0	5	1000	54622	2883
estd. no. of hhs (00)	1135	53217	0	0	0	0	3	268	54622	--	--
sample no. of hhs	57	2806	0	0	0	0	1	19	2883	--	--
activity: harvesting											
< 0.01	159	232	0	0	0	0	0	609	1000	81	12
0.01 - 0.40	0	527	1	1	7	0	26	438	1000	1715	102
0.41 - 1.00	20	589	0	15	0	0	0	376	1000	1093	70
1.01 - 2.00	0	521	15	0	0	0	44	421	1000	512	40
2.01 - 4.00	313	185	0	0	0	0	0	502	1000	311	11
4.01 - 10.00	0	594	0	0	0	0	0	406	1000	47	3
10.00 +	0	1000	0	0	0	0	0	0	1000	8	1
all sizes	35	511	2	5	3	0	18	425	1000	3767	239
estd. no. of hhs (00)	132	1927	9	17	13	0	67	1603	3767	--	--
sample no. of hhs	4	124	2	2	1	0	3	103	239	--	--
activity: threshing											
< 0.01	0	860	0	0	0	0	0	140	1000	217	44
0.01 - 0.40	6	787	0	0	0	0	0	206	1000	16438	933
0.41 - 1.00	9	777	0	0	0	0	0	214	1000	12218	523
1.01 - 2.00	0	867	0	0	0	0	4	129	1000	5660	393
2.01 - 4.00	54	820	0	0	0	0	0	126	1000	2360	134
4.01 - 10.00	0	843	0	0	0	0	0	157	1000	684	33
10.00 +	0	1000	0	0	0	0	0	0	1000	127	7
all sizes	9	800	0	0	0	0	1	190	1000	37702	2067
estd. no. of hhs (00)	337	30167	0	0	0	0	22	7176	37702	--	--
sample no. of hhs	15	1629	0	0	0	0	1	422	2067	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Chhattisgarh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	876	0	0	0	0	0	124	1000	18	3
0.01 - 0.40	0	155	0	0	0	0	0	845	1000	3843	167
0.41 - 1.00	2	75	0	0	0	0	0	924	1000	9858	413
1.01 - 2.00	0	83	0	0	0	0	0	917	1000	7201	175
2.01 - 4.00	0	80	0	0	0	0	0	920	1000	4583	205
4.01 - 10.00	0	172	0	0	0	0	0	828	1000	1542	92
10.00 +	0	125	0	0	0	0	0	875	1000	124	8
all sizes	1	95	0	0	0	0	0	904	1000	27168	1063
estd. no. of hhs (00)	15	2590	0	0	0	0	0	24562	27168	--	--
sample no. of hhs	2	127	0	0	0	0	0	934	1063	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	1000	0	0	0	0	0	0	0	1000	70	3
0.41 - 1.00	224	631	0	0	0	0	0	145	1000	492	17
1.01 - 2.00	548	291	0	0	0	0	0	161	1000	696	20
2.01 - 4.00	835	116	0	0	0	0	0	50	1000	459	22
4.01 - 10.00	962	38	0	0	0	0	0	0	1000	355	24
10.00 +	1000	0	0	0	0	0	0	0	1000	28	2
all sizes	626	276	0	0	0	0	0	98	1000	2101	88
estd. no. of hhs (00)	1315	580	0	0	0	0	0	206	2101	--	--
sample no. of hhs	59	24	0	0	0	0	0	5	88	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	124	7
1.01 - 2.00	0	134	0	0	0	0	0	866	1000	172	4
2.01 - 4.00	0	117	0	0	0	0	0	883	1000	78	4
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	11	1
10.00 +	0	1000	0	0	0	0	0	0	1000	5	1
all sizes	0	95	0	0	0	0	0	905	1000	390	17
estd. no. of hhs (00)	0	37	0	0	0	0	0	353	390	--	--
sample no. of hhs	0	3	0	0	0	0	0	14	17	--	--
activity: threshing											
< 0.01	0	1000	0	0	0	0	0	0	1000	16	2
0.01 - 0.40	0	193	0	0	0	0	0	807	1000	2321	104
0.41 - 1.00	4	122	0	0	0	0	0	874	1000	6229	258
1.01 - 2.00	0	145	0	0	0	0	0	855	1000	5062	125
2.01 - 4.00	0	111	0	0	0	0	0	889	1000	2815	135
4.01 - 10.00	11	248	0	0	0	0	0	741	1000	1148	68
10.00 +	0	41	0	0	0	0	0	959	1000	113	6
all sizes	2	145	0	0	0	0	0	853	1000	17703	698
estd. no. of hhs (00)	35	2561	0	0	0	0	0	15107	17703	--	--
sample no. of hhs	2	132	0	0	0	0	0	564	698	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Gujarat	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	430	0	0	0	0	0	570	1000	7	2
0.01 - 0.40	14	600	0	0	0	0	7	379	1000	5624	126
0.41 - 1.00	11	477	0	0	0	0	0	512	1000	10305	320
1.01 - 2.00	9	477	0	0	0	0	0	513	1000	7503	208
2.01 - 4.00	6	577	0	0	0	0	0	417	1000	4990	194
4.01 - 10.00	0	531	0	0	0	0	0	469	1000	3617	147
10.00 +	0	787	0	0	0	0	0	213	1000	347	10
all sizes	9	523	0	0	0	0	1	467	1000	32392	1007
estd. no. of hhs (00)	286	16949	0	0	0	0	42	15115	32392	--	--
sample no. of hhs	8	540	0	0	0	0	2	457	1007	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	3	1
0.01 - 0.40	773	227	0	0	0	0	0	0	1000	3066	59
0.41 - 1.00	645	355	0	0	0	0	0	0	1000	4540	133
1.01 - 2.00	602	340	0	0	0	0	0	58	1000	3476	108
2.01 - 4.00	578	422	0	0	0	0	0	0	1000	2553	103
4.01 - 10.00	502	450	0	0	0	0	0	47	1000	1995	89
10.00 +	1000	0	0	0	0	0	0	0	1000	67	6
all sizes	633	348	0	0	0	0	0	19	1000	15699	499
estd. no. of hhs (00)	9941	5462	0	0	0	0	0	295	15699	--	--
sample no. of hhs	336	158	0	0	0	0	0	5	499	--	--
activity: harvesting											
< 0.01	0	0	0	0	0	0	0	1000	1000	4	1
0.01 - 0.40	0	765	0	0	5	0	0	230	1000	720	14
0.41 - 1.00	3	611	0	0	0	0	0	386	1000	937	47
1.01 - 2.00	139	475	0	0	0	0	0	386	1000	1263	42
2.01 - 4.00	28	544	0	0	0	0	0	429	1000	1181	44
4.01 - 10.00	87	603	0	0	0	0	0	310	1000	972	35
10.00 +	0	1000	0	0	0	0	0	0	1000	70	1
all sizes	58	587	0	0	1	0	0	355	1000	5146	184
estd. no. of hhs (00)	296	3021	0	0	3	0	0	1825	5146	--	--
sample no. of hhs	7	117	0	0	1	0	0	59	184	--	--
activity: threshing											
< 0.01	0	1000	0	0	0	0	0	0	1000	3	1
0.01 - 0.40	121	720	0	0	0	0	0	159	1000	1647	35
0.41 - 1.00	42	578	0	0	0	0	0	380	1000	4492	132
1.01 - 2.00	45	724	0	0	0	0	0	231	1000	3856	107
2.01 - 4.00	47	774	0	0	0	0	0	178	1000	2473	101
4.01 - 10.00	124	821	0	0	0	0	0	55	1000	1910	77
10.00 +	0	1000	0	0	0	0	0	0	1000	165	6
all sizes	63	703	0	0	0	0	0	234	1000	14546	459
estd. no. of hhs (00)	915	10226	0	0	0	0	0	3405	14546	--	--
sample no. of hhs	30	329	0	0	0	0	0	100	459	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Haryana	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	966	0	0	0	0	0	34	1000	56	3
0.01 - 0.40	0	974	0	0	0	0	0	26	1000	1665	68
0.41 - 1.00	0	934	0	0	0	0	0	66	1000	4155	152
1.01 - 2.00	0	796	0	0	0	0	0	204	1000	2680	96
2.01 - 4.00	1	885	0	0	0	0	0	114	1000	2662	150
4.01 - 10.00	0	810	0	0	0	0	0	190	1000	1572	102
10.00 +	0	968	0	0	0	0	0	32	1000	150	14
all sizes	0	886	0	0	0	0	0	114	1000	12940	585
estd. no. of hhs (00)	3	11464	0	0	0	0	0	1473	12940	--	--
sample no. of hhs	1	527	0	0	0	0	0	57	585	--	--
activity: irrigation											
< 0.01	516	484	0	0	0	0	0	0	1000	4	2
0.01 - 0.40	367	633	0	0	0	0	0	0	1000	1249	49
0.41 - 1.00	480	520	0	0	0	0	0	0	1000	3346	124
1.01 - 2.00	429	561	0	0	0	0	0	11	1000	2052	76
2.01 - 4.00	549	451	0	0	0	0	0	0	1000	2026	129
4.01 - 10.00	466	534	0	0	0	0	0	0	1000	1257	88
10.00 +	417	583	0	0	0	0	0	0	1000	111	12
all sizes	467	531	0	0	0	0	0	2	1000	10045	480
estd. no. of hhs (00)	4691	5332	0	0	0	0	0	22	10045	--	--
sample no. of hhs	244	235	0	0	0	0	0	1	480	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	899	0	0	0	0	0	101	1000	165	8
0.41 - 1.00	0	1000	0	0	0	0	0	0	1000	474	19
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	386	13
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	767	44
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	268	28
10.00 +	0	1000	0	0	0	0	0	0	1000	73	7
all sizes	0	992	0	0	0	0	0	8	1000	2133	119
estd. no. of hhs (00)	0	2116	0	0	0	0	0	17	2133	--	--
sample no. of hhs	0	118	0	0	0	0	0	1	119	--	--
activity: threshing											
< 0.01	0	1000	0	0	0	0	0	0	1000	54	2
0.01 - 0.40	19	981	0	0	0	0	0	0	1000	1107	49
0.41 - 1.00	17	983	0	0	0	0	0	0	1000	3289	118
1.01 - 2.00	45	955	0	0	0	0	0	0	1000	2287	77
2.01 - 4.00	31	943	0	0	25	0	0	0	1000	2193	125
4.01 - 10.00	70	930	0	0	0	0	0	0	1000	1363	85
10.00 +	0	1000	0	0	0	0	0	0	1000	149	13
all sizes	33	962	0	0	5	0	0	0	1000	10441	469
estd. no. of hhs (00)	343	10042	0	0	55	0	0	0	10441	--	--
sample no. of hhs	22	446	0	0	1	0	0	0	469	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Himachal Pradesh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	139	0	0	0	0	0	861	1000	5	2
0.01 - 0.40	7	229	0	0	0	0	0	764	1000	3801	480
0.41 - 1.00	14	209	0	0	0	0	0	777	1000	2680	264
1.01 - 2.00	1	217	0	0	0	0	0	782	1000	1267	203
2.01 - 4.00	41	183	0	0	0	0	0	776	1000	490	71
4.01 - 10.00	0	374	0	0	0	0	0	626	1000	93	15
10.00 +	0	1000	0	0	0	0	0	0	1000	5	1
all sizes	10	220	0	0	0	0	0	770	1000	8342	1036
estd. no. of hhs (00)	84	1837	0	0	0	0	0	6421	8342	--	--
sample no. of hhs	9	247	0	0	0	0	0	780	1036	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	877	87	0	0	0	0	0	36	1000	292	37
0.41 - 1.00	861	108	0	0	0	0	0	31	1000	250	31
1.01 - 2.00	794	206	0	0	0	0	0	0	1000	121	29
2.01 - 4.00	722	278	0	0	0	0	0	0	1000	96	11
4.01 - 10.00	292	708	0	0	0	0	0	0	1000	17	4
10.00 +	0	1000	0	0	0	0	0	0	1000	5	1
all sizes	821	155	0	0	0	0	0	24	1000	782	113
estd. no. of hhs (00)	642	121	0	0	0	0	0	18	782	--	--
sample no. of hhs	89	21	0	0	0	0	0	3	113	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	763	237	0	0	0	0	0	0	1000	20	3
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	30	2
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	1	1
2.01 - 4.00	1000	0	0	0	0	0	0	0	1000	19	1
4.01 - 10.00	1000	0	0	0	0	0	0	0	1000	7	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	534	60	0	0	0	0	0	406	1000	77	8
estd. no. of hhs (00)	41	5	0	0	0	0	0	31	77	--	--
sample no. of hhs	4	1	0	0	0	0	0	3	8	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	284	599	0	3	0	0	0	113	1000	2420	287
0.41 - 1.00	293	627	0	0	0	0	0	80	1000	1800	167
1.01 - 2.00	285	612	0	0	0	0	0	103	1000	756	130
2.01 - 4.00	320	586	0	0	0	0	0	94	1000	269	38
4.01 - 10.00	405	595	0	0	0	0	0	0	1000	43	10
10.00 +	0	1000	0	0	0	0	0	0	1000	5	1
all sizes	290	610	0	1	0	0	0	98	1000	5293	633
estd. no. of hhs (00)	1535	3230	0	8	0	0	0	521	5293	--	--
sample no. of hhs	183	386	0	1	0	0	0	63	633	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Jammu & Kashmir	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	1000	0	0	0	0	0	0	1000	0	1
0.01 - 0.40	8	429	0	0	0	0	0	564	1000	3172	287
0.41 - 1.00	8	313	0	0	0	0	0	678	1000	3310	300
1.01 - 2.00	7	399	0	0	0	0	0	595	1000	1257	156
2.01 - 4.00	0	270	0	0	0	0	0	730	1000	678	66
4.01 - 10.00	0	626	0	0	0	0	0	374	1000	94	11
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	7	369	0	0	0	0	0	624	1000	8512	821
estd. no. of hhs (00)	61	3139	0	0	0	0	0	5312	8512	--	--
sample no. of hhs	6	355	0	0	0	0	0	460	821	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	676	262	0	0	0	0	0	62	1000	436	56
0.41 - 1.00	831	142	0	0	0	0	0	27	1000	484	65
1.01 - 2.00	566	429	0	0	0	0	0	5	1000	130	25
2.01 - 4.00	920	80	0	0	0	0	0	0	1000	65	12
4.01 - 10.00	1000	0	0	0	0	0	0	0	1000	19	2
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	749	215	0	0	0	0	0	36	1000	1134	160
estd. no. of hhs (00)	850	244	0	0	0	0	0	41	1134	--	--
sample no. of hhs	127	29	0	0	0	0	0	4	160	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	48	0	0	0	0	0	952	1000	236	29
0.41 - 1.00	0	15	0	0	0	0	0	985	1000	347	34
1.01 - 2.00	0	778	0	0	0	0	0	222	1000	45	8
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	7	1
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	4	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	87	0	0	0	0	0	913	1000	639	73
estd. no. of hhs (00)	0	56	0	0	0	0	0	583	639	--	--
sample no. of hhs	0	7	0	0	0	0	0	66	73	--	--
activity: threshing											
< 0.01	0	1000	0	0	0	0	0	0	1000	0	1
0.01 - 0.40	18	778	0	0	0	0	0	204	1000	1531	109
0.41 - 1.00	56	722	0	0	0	0	0	223	1000	1889	115
1.01 - 2.00	0	954	0	0	0	0	0	46	1000	856	76
2.01 - 4.00	148	807	0	0	0	0	0	45	1000	578	35
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	49	5
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	45	793	0	0	0	0	0	163	1000	4903	341
estd. no. of hhs (00)	219	3886	0	0	0	0	0	798	4903	--	--
sample no. of hhs	15	240	0	0	0	0	0	86	341	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Jharkhand	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	86	10
0.01 - 0.40	0	8	3	0	0	0	0	990	1000	11474	583
0.41 - 1.00	0	12	0	0	0	0	0	988	1000	9646	351
1.01 - 2.00	0	59	0	0	0	0	0	941	1000	4416	276
2.01 - 4.00	0	35	0	0	0	0	0	965	1000	1018	83
4.01 - 10.00	0	33	0	0	0	0	0	967	1000	358	24
10.00 +	0	0	0	0	0	0	0	1000	1000	62	3
all sizes	0	19	1	0	0	0	0	980	1000	27060	1330
estd. no. of hhs (00)	0	509	32	0	0	0	0	26519	27060	--	--
sample no. of hhs	0	36	1	0	0	0	0	1293	1330	--	--
activity: irrigation											
< 0.01	0	0	0	0	0	0	0	1000	1000	9	1
0.01 - 0.40	10	743	0	35	0	0	0	213	1000	1075	46
0.41 - 1.00	40	828	0	0	0	0	0	131	1000	966	40
1.01 - 2.00	0	915	0	0	0	0	0	85	1000	730	68
2.01 - 4.00	82	684	0	0	0	0	0	234	1000	151	22
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	44	5
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	21	811	0	13	0	0	0	155	1000	2975	182
estd. no. of hhs (00)	62	2414	0	38	0	0	0	462	2975	--	--
sample no. of hhs	4	154	0	1	0	0	0	23	182	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	407	26
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	431	15
1.01 - 2.00	0	4	0	0	0	0	0	996	1000	292	15
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	71	5
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	50	2
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	1	0	0	0	0	0	999	1000	1250	63
estd. no. of hhs (00)	0	1	0	0	0	0	0	1249	1250	--	--
sample no. of hhs	0	1	0	0	0	0	0	62	63	--	--
activity: threshing											
< 0.01	0	0	0	0	0	0	0	1000	1000	28	7
0.01 - 0.40	0	32	0	0	0	0	0	968	1000	4958	258
0.41 - 1.00	0	51	0	0	0	0	0	949	1000	5023	185
1.01 - 2.00	0	105	0	0	0	0	0	895	1000	2677	161
2.01 - 4.00	19	125	0	0	0	0	0	856	1000	783	52
4.01 - 10.00	0	144	0	0	0	0	0	856	1000	152	12
10.00 +	0	386	0	0	0	0	0	614	1000	95	4
all sizes	1	62	0	0	0	0	0	937	1000	13716	679
estd. no. of hhs (00)	15	854	0	0	0	0	0	12847	13716	--	--
sample no. of hhs	2	44	0	0	0	0	0	633	679	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Karnataka	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	80	0	0	0	0	0	920	1000	18	5
0.01 - 0.40	11	139	0	0	0	0	0	850	1000	4824	235
0.41 - 1.00	3	84	2	0	0	0	0	911	1000	13845	676
1.01 - 2.00	0	135	0	4	0	0	0	861	1000	8754	273
2.01 - 4.00	2	185	0	0	0	0	0	813	1000	5838	338
4.01 - 10.00	14	267	0	0	0	0	0	719	1000	3284	203
10.00 +	19	325	0	0	0	0	0	656	1000	514	28
all sizes	4	139	1	1	0	0	0	855	1000	37077	1758
estd. no. of hhs (00)	164	5141	22	37	0	0	0	31712	37077	--	--
sample no. of hhs	10	274	1	1	0	0	0	1472	1758	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	15	3
0.01 - 0.40	683	185	0	0	0	0	0	132	1000	951	41
0.41 - 1.00	953	28	0	0	0	0	0	19	1000	2441	117
1.01 - 2.00	926	33	0	0	0	0	0	41	1000	2139	74
2.01 - 4.00	905	94	0	0	0	0	0	1	1000	1672	127
4.01 - 10.00	873	88	0	0	0	0	0	39	1000	1153	91
10.00 +	675	261	0	0	0	0	0	64	1000	223	17
all sizes	889	74	0	0	0	0	0	37	1000	8594	470
estd. no. of hhs (00)	7641	632	0	0	0	0	0	321	8594	--	--
sample no. of hhs	424	35	0	0	0	0	0	11	470	--	--
activity: harvesting											
< 0.01	0	1000	0	0	0	0	0	0	1000	3	2
0.01 - 0.40	42	317	0	0	0	0	0	641	1000	1097	69
0.41 - 1.00	0	192	0	0	0	0	0	808	1000	3631	232
1.01 - 2.00	0	201	0	0	0	0	0	799	1000	2749	83
2.01 - 4.00	19	374	11	0	0	0	9	586	1000	2080	108
4.01 - 10.00	3	310	0	0	0	0	0	687	1000	1652	88
10.00 +	0	617	0	0	0	0	0	383	1000	351	14
all sizes	8	269	2	0	0	0	2	720	1000	11563	596
estd. no. of hhs (00)	91	3105	22	0	0	0	20	8324	11563	--	--
sample no. of hhs	5	150	1	0	0	0	1	439	596	--	--
activity: threshing											
< 0.01	1000	0	0	0	0	0	0	0	1000	1	1
0.01 - 0.40	0	313	0	0	0	0	0	687	1000	818	35
0.41 - 1.00	2	183	0	0	0	0	0	815	1000	2716	140
1.01 - 2.00	0	358	0	0	0	0	0	642	1000	1375	54
2.01 - 4.00	23	440	0	0	0	0	0	537	1000	1623	85
4.01 - 10.00	9	665	0	0	0	0	0	327	1000	1333	74
10.00 +	0	505	0	0	0	0	0	495	1000	144	9
all sizes	7	364	0	0	0	0	0	629	1000	8010	398
estd. no. of hhs (00)	56	2918	0	0	0	0	0	5036	8010	--	--
sample no. of hhs	6	178	0	0	0	0	0	214	398	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Kerala	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	24	629	0	0	0	0	0	347	1000	1096	95
0.41 - 1.00	11	798	0	0	0	0	0	191	1000	832	88
1.01 - 2.00	0	753	0	0	0	0	0	247	1000	444	48
2.01 - 4.00	0	789	0	0	0	0	0	211	1000	107	13
4.01 - 10.00	0	756	0	0	0	0	0	244	1000	108	5
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	14	717	0	0	0	0	0	270	1000	2586	249
estd. no. of hhs (00)	36	1853	0	0	0	0	0	697	2586	--	--
sample no. of hhs	4	189	0	0	0	0	0	56	249	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	853	138	0	0	0	0	0	10	1000	1294	135
0.41 - 1.00	932	68	0	0	0	0	0	0	1000	776	94
1.01 - 2.00	710	290	0	0	0	0	0	0	1000	459	51
2.01 - 4.00	730	270	0	0	0	0	0	0	1000	227	17
4.01 - 10.00	1000	0	0	0	0	0	0	0	1000	75	5
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	846	150	0	0	0	0	0	4	1000	2830	302
estd. no. of hhs (00)	2393	425	0	0	0	0	0	12	2830	--	--
sample no. of hhs	260	41	0	0	0	0	0	1	302	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	255	329	0	0	0	0	284	131	1000	81	6
0.41 - 1.00	0	1000	0	0	0	0	0	0	1000	45	4
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	12	2
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	1	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	149	609	0	0	0	0	166	76	1000	139	13
estd. no. of hhs (00)	21	85	0	0	0	0	23	11	139	--	--
sample no. of hhs	2	9	0	0	0	0	1	1	13	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	113	887	0	0	0	0	0	0	1000	7	4
0.41 - 1.00	122	878	0	0	0	0	0	0	1000	74	6
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	42	1
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	6	1
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	76	880	0	0	0	0	0	44	1000	128	12
estd. no. of hhs (00)	10	113	0	0	0	0	0	6	128	--	--
sample no. of hhs	2	9	0	0	0	0	0	1	12	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Madhya Pradesh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	355	0	0	0	0	0	645	1000	68	14
0.01 - 0.40	0	339	0	0	0	0	0	661	1000	6723	206
0.41 - 1.00	4	290	0	0	0	0	0	705	1000	17365	719
1.01 - 2.00	4	314	1	0	0	0	0	680	1000	16096	522
2.01 - 4.00	2	304	0	0	0	0	0	694	1000	12525	381
4.01 - 10.00	6	513	0	0	0	0	0	481	1000	6332	432
10.00 +	54	773	0	0	0	0	0	174	1000	1612	76
all sizes	5	341	0	0	0	0	0	654	1000	60720	2350
estd. no. of hhs (00)	298	20706	15	0	0	0	0	39701	60720	--	--
sample no. of hhs	17	862	1	0	0	0	0	1470	2350	--	--
activity: irrigation											
< 0.01	795	205	0	0	0	0	0	0	1000	30	2
0.01 - 0.40	646	354	0	0	0	0	0	0	1000	1508	58
0.41 - 1.00	578	419	0	0	0	0	0	3	1000	5432	254
1.01 - 2.00	625	369	0	0	0	0	0	7	1000	6774	231
2.01 - 4.00	693	294	0	0	0	0	0	13	1000	5474	195
4.01 - 10.00	711	289	0	0	0	0	0	0	1000	3552	260
10.00 +	802	198	0	0	0	0	0	0	1000	1272	58
all sizes	653	341	0	0	0	0	0	6	1000	24043	1058
estd. no. of hhs (00)	15703	8205	0	0	0	0	0	135	24043	--	--
sample no. of hhs	702	348	0	0	0	0	0	8	1058	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	16	911	0	0	0	0	0	73	1000	1207	6
0.41 - 1.00	23	819	11	0	0	0	0	147	1000	1655	31
1.01 - 2.00	61	830	0	0	0	0	0	109	1000	1776	28
2.01 - 4.00	190	485	0	0	0	0	0	325	1000	265	16
4.01 - 10.00	15	696	0	0	0	0	2	287	1000	1376	37
10.00 +	129	617	0	0	0	0	0	253	1000	259	8
all sizes	41	792	3	0	0	0	0	164	1000	6537	126
estd. no. of hhs (00)	271	5176	18	0	0	0	2	1071	6537	--	--
sample no. of hhs	15	64	1	0	0	0	1	45	126	--	--
activity: threshing											
< 0.01	923	0	0	0	0	0	0	77	1000	40	5
0.01 - 0.40	334	374	0	0	0	0	0	292	1000	5315	149
0.41 - 1.00	357	312	0	0	0	0	0	331	1000	12940	567
1.01 - 2.00	402	362	1	0	0	0	0	235	1000	12471	405
2.01 - 4.00	450	260	5	0	0	0	0	285	1000	10044	299
4.01 - 10.00	435	443	0	0	0	0	0	122	1000	5317	340
10.00 +	533	416	0	0	0	0	0	50	1000	1548	66
all sizes	401	339	1	0	0	0	0	259	1000	47676	1831
estd. no. of hhs (00)	19103	16155	68	0	0	0	0	12350	47676	--	--
sample no. of hhs	811	567	2	0	0	0	0	451	1831	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Maharashtra	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	82	0	0	0	0	0	918	1000	16	7
0.01 - 0.40	3	189	11	0	0	0	0	796	1000	8692	375
0.41 - 1.00	4	184	0	0	0	0	0	812	1000	17657	1035
1.01 - 2.00	2	221	0	0	0	0	0	777	1000	16346	540
2.01 - 4.00	4	242	0	0	0	0	0	754	1000	12008	500
4.01 - 10.00	1	211	0	0	0	0	0	789	1000	5772	431
10.00 +	6	344	0	0	0	0	0	649	1000	914	56
all sizes	3	211	2	0	0	0	0	785	1000	61405	2944
estd. no. of hhs (00)	195	12937	93	0	0	0	4	48177	61405	--	--
sample no. of hhs	14	679	2	0	0	0	1	2248	2944	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	1	1
0.01 - 0.40	865	121	0	0	0	0	0	14	1000	1637	74
0.41 - 1.00	865	135	0	0	0	0	0	0	1000	4160	231
1.01 - 2.00	873	108	0	0	0	0	0	18	1000	5157	174
2.01 - 4.00	844	141	0	0	0	0	0	14	1000	5340	237
4.01 - 10.00	886	114	0	0	0	0	0	0	1000	3040	240
10.00 +	997	3	0	0	0	0	0	0	1000	681	38
all sizes	869	121	0	0	0	0	0	10	1000	20016	995
estd. no. of hhs (00)	17400	2422	1	0	0	0	0	192	20016	--	--
sample no. of hhs	880	109	1	0	0	0	0	5	995	--	--
activity: harvesting											
< 0.01	0	0	0	0	0	0	0	1000	1000	5	1
0.01 - 0.40	118	278	206	0	0	0	0	398	1000	443	21
0.41 - 1.00	68	493	5	0	0	0	15	420	1000	1519	72
1.01 - 2.00	0	464	0	0	0	0	0	536	1000	1487	43
2.01 - 4.00	161	383	0	0	0	54	0	403	1000	949	37
4.01 - 10.00	98	348	0	0	0	0	0	554	1000	600	47
10.00 +	54	686	0	0	0	0	0	260	1000	207	10
all sizes	73	437	19	0	0	10	4	458	1000	5210	231
estd. no. of hhs (00)	378	2275	99	0	0	51	22	2384	5210	--	--
sample no. of hhs	14	96	2	0	0	1	1	117	231	--	--
activity: threshing											
< 0.01	105	895	0	0	0	0	0	0	1000	11	5
0.01 - 0.40	287	368	40	0	0	0	0	306	1000	2305	139
0.41 - 1.00	314	395	0	1	0	0	0	290	1000	9375	640
1.01 - 2.00	394	427	0	0	0	0	0	180	1000	10633	313
2.01 - 4.00	320	475	0	0	0	0	0	205	1000	9925	359
4.01 - 10.00	389	491	0	0	0	0	0	120	1000	4751	316
10.00 +	347	637	0	0	0	0	0	17	1000	742	45
all sizes	347	440	2	0	0	0	0	211	1000	37743	1817
estd. no. of hhs (00)	13080	16614	91	13	0	0	0	7945	37743	--	--
sample no. of hhs	621	838	1	1	0	0	0	356	1817	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Manipur	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	5	636	5	0	0	0	0	354	1000	501	318
0.41 - 1.00	0	607	0	0	0	0	11	382	1000	532	150
1.01 - 2.00	1	624	0	0	0	0	0	375	1000	306	174
2.01 - 4.00	0	969	0	0	0	0	0	31	1000	16	13
4.01 - 10.00	0	820	0	0	0	0	0	180	1000	6	3
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	2	627	2	0	0	0	4	365	1000	1360	658
estd. no. of hhs (00)	2	852	3	0	0	0	6	497	1360	--	--
sample no. of hhs	2	408	1	0	0	0	1	246	658	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	1000	0	0	0	0	0	0	1000	32	11
0.41 - 1.00	0	1000	0	0	0	0	0	0	1000	24	4
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	17	12
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	2	1
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	1000	0	0	0	0	0	0	1000	75	28
estd. no. of hhs (00)	0	75	0	0	0	0	0	0	75	--	--
sample no. of hhs	0	28	0	0	0	0	0	0	28	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	157	0	0	0	0	0	0	843	1000	3	3
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	5	2
1.01 - 2.00	0	873	0	0	0	0	0	127	1000	4	3
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	39	317	0	0	0	0	0	644	1000	12	8
estd. no. of hhs (00)	0	4	0	0	0	0	0	8	12	--	--
sample no. of hhs	1	1	0	0	0	0	0	6	8	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	287	0	0	0	0	0	536	177	1000	3	3
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	1	1
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	1	2
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	205	0	0	0	0	0	384	411	1000	4	6
estd. no. of hhs (00)	1	0	0	0	0	0	2	2	4	--	--
sample no. of hhs	1	0	0	0	0	0	1	4	6	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Meghalaya	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	88	0	0	0	0	0	912	1000	49	17
0.41 - 1.00	0	278	0	0	0	0	0	722	1000	376	89
1.01 - 2.00	0	380	0	0	0	0	0	620	1000	164	57
2.01 - 4.00	0	37	0	0	0	0	0	963	1000	104	22
4.01 - 10.00	0	7	0	0	0	0	0	993	1000	41	8
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	239	0	0	0	0	0	761	1000	734	193
estd. no. of hhs (00)	0	175	0	0	0	0	0	559	734	--	--
sample no. of hhs	0	55	0	0	0	0	0	138	193	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	19	3
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	7	2
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	6	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	1000	0	0	0	0	0	0	1000	32	6
estd. no. of hhs (00)	0	32	0	0	0	0	0	0	32	--	--
sample no. of hhs	0	6	0	0	0	0	0	0	6	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	-	-	-	-	-	-	-	-	-	-	0
estd. no. of hhs (00)	-	-	-	-	-	-	-	-	-	--	--
sample no. of hhs	-	-	--	-	-	-	-	-	-	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	1	1
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	20	4
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	20	8
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	20	3
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	15	3
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	77	19
estd. no. of hhs (00)	0	0	0	0	0	0	0	77	77	--	--
sample no. of hhs	0	0	0	0	0	0	0	19	19	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Mizoram	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	8	1
1.01 - 2.00	0	0	0	0	0	0	83	917	1000	2	3
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	3	1
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	14	986	1000	14	5
estd. no. of hhs (00)	0	0	0	0	0	0	0	14	14	--	--
sample no. of hhs	0	0	0	0	0	0	1	4	5	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	-	-	-	-	-	-	-	-	-	-	0
estd. no. of hhs (00)	-	-	-	-	-	-	-	-	-	--	--
sample no. of hhs	-	-	-	-	-	-	-	-	-	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	1	1
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	1	1
estd. no. of hhs (00)	0	0	0	0	0	0	0	1	1	--	--
sample no. of hhs	0	0	0	0	0	0	0	1	1	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	1000	0	0	0	0	0	0	0	1000	5	1
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	1000	0	0	0	0	0	0	0	1000	5	1
estd. no. of hhs (00)	5	0	0	0	0	0	0	0	5	--	--
sample no. of hhs	1	0	0	0	0	0	0	0	1	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Nagaland	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	4	1
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	52	18
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	24	9
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	2	1
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	81	29
estd. no. of hhs (00)	0	0	0	0	0	0	0	81	81	--	--
sample no. of hhs	0	0	0	0	0	0	0	29	29	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	-	-	-	-	-	-	-	-	-	-	0
estd. no. of hhs (00)	-	-	-	-	-	-	-	-	-	--	--
sample no. of hhs	-	-	-	-	-	-	-	-	-	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	-	-	-	-	-	-	-	-	-	-	0
estd. no. of hhs (00)	-	-	-	-	-	-	-	-	-	--	--
sample no. of hhs	-	-	-	-	-	-	-	-	-	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	14	4
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	14	4
estd. no. of hhs (00)	0	0	0	0	0	0	0	14	14	--	--
sample no. of hhs	0	0	0	0	0	0	0	4	4	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Orissa	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	139	25
0.01 - 0.40	0	123	0	0	0	0	0	877	1000	11270	763
0.41 - 1.00	0	110	0	0	0	0	0	890	1000	19070	498
1.01 - 2.00	0	133	0	0	0	0	0	867	1000	7527	360
2.01 - 4.00	0	134	0	0	0	0	0	866	1000	2629	179
4.01 - 10.00	0	226	0	0	0	0	0	774	1000	597	28
10.00 +	0	0	0	0	0	0	0	1000	1000	5	1
all sizes	0	121	0	0	0	0	0	879	1000	41238	1854
estd. no. of hhs (00)	0	4977	0	0	0	0	0	36261	41238	--	--
sample no. of hhs	0	282	0	0	0	0	0	1572	1854	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	488	491	0	0	0	0	0	21	1000	767	46
0.41 - 1.00	430	544	0	0	0	0	0	26	1000	1169	41
1.01 - 2.00	96	901	0	0	0	0	0	3	1000	587	36
2.01 - 4.00	610	390	0	0	0	0	0	0	1000	264	23
4.01 - 10.00	90	910	0	0	0	0	0	0	1000	140	7
10.00 +	0	1000	0	0	0	0	0	0	1000	5	1
all sizes	378	606	0	0	0	0	0	17	1000	2932	154
estd. no. of hhs (00)	1107	1777	0	0	0	0	0	48	2932	--	--
sample no. of hhs	52	98	0	0	0	0	0	4	154	--	--
activity: harvesting											
< 0.01	0	0	0	0	0	0	0	1000	1000	58	6
0.01 - 0.40	0	53	0	0	0	0	0	947	1000	1618	103
0.41 - 1.00	0	36	0	0	0	0	0	964	1000	3073	77
1.01 - 2.00	10	147	0	0	0	0	0	843	1000	1103	53
2.01 - 4.00	0	196	0	0	0	0	0	804	1000	586	37
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	189	7
10.00 +	0	0	0	0	0	0	0	1000	1000	5	1
all sizes	2	71	0	0	0	0	0	927	1000	6633	284
estd. no. of hhs (00)	11	474	0	0	0	0	0	6148	6633	--	--
sample no. of hhs	2	18	0	0	0	0	0	264	284	--	--
activity: threshing											
< 0.01	0	0	0	0	0	0	0	1000	1000	38	9
0.01 - 0.40	37	29	0	0	0	0	0	934	1000	3804	276
0.41 - 1.00	45	21	0	0	0	0	0	934	1000	7077	190
1.01 - 2.00	85	56	0	0	0	0	0	859	1000	2400	128
2.01 - 4.00	1	109	0	0	0	0	0	890	1000	1023	70
4.01 - 10.00	43	223	0	0	0	0	0	734	1000	337	15
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	46	40	0	0	0	0	0	914	1000	14678	688
estd. no. of hhs (00)	682	580	0	0	0	0	0	13416	14678	--	--
sample no. of hhs	34	36	0	0	0	0	0	618	688	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Punjab	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	1000	0	0	0	0	0	0	1000	5	2
0.01 - 0.40	40	896	0	0	0	0	0	64	1000	1193	63
0.41 - 1.00	8	940	0	0	0	0	0	52	1000	1918	89
1.01 - 2.00	3	976	0	0	0	0	0	21	1000	2277	108
2.01 - 4.00	15	978	0	0	0	0	0	8	1000	2446	181
4.01 - 10.00	17	983	0	0	0	0	0	0	1000	1684	131
10.00 +	30	970	0	0	0	0	0	0	1000	300	28
all sizes	15	961	0	0	0	0	0	25	1000	9822	602
estd. no. of hhs (00)	143	9436	0	0	0	0	0	243	9822	--	--
sample no. of hhs	12	582	0	0	0	0	0	8	602	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	5	2
0.01 - 0.40	738	262	0	0	0	0	0	0	1000	1030	51
0.41 - 1.00	709	291	0	0	0	0	0	0	1000	1652	80
1.01 - 2.00	687	313	0	0	0	0	0	0	1000	2015	98
2.01 - 4.00	662	338	0	0	0	0	0	0	1000	2372	173
4.01 - 10.00	773	227	0	0	0	0	0	0	1000	1543	125
10.00 +	835	165	0	0	0	0	0	0	1000	314	29
all sizes	710	290	0	0	0	0	0	0	1000	8931	558
estd. no. of hhs (00)	6345	2587	0	0	0	0	0	0	8931	--	--
sample no. of hhs	393	165	0	0	0	0	0	0	558	--	--
activity: harvesting											
< 0.01	0	1000	0	0	0	0	0	0	1000	5	2
0.01 - 0.40	0	1000	0	0	0	0	0	0	1000	519	29
0.41 - 1.00	97	903	0	0	0	0	0	0	1000	994	55
1.01 - 2.00	4	996	0	0	0	0	0	0	1000	1910	92
2.01 - 4.00	64	936	0	0	0	0	0	0	1000	2198	155
4.01 - 10.00	36	964	0	0	0	0	0	0	1000	1542	116
10.00 +	0	1000	0	0	0	0	0	0	1000	288	27
all sizes	40	960	0	0	0	0	0	0	1000	7456	476
estd. no. of hhs (00)	300	7156	0	0	0	0	0	0	7456	--	--
sample no. of hhs	14	462	0	0	0	0	0	0	476	--	--
activity: threshing											
< 0.01	0	1000	0	0	0	0	0	0	1000	5	2
0.01 - 0.40	108	892	0	0	0	0	0	0	1000	685	34
0.41 - 1.00	53	947	0	0	0	0	0	0	1000	1394	66
1.01 - 2.00	18	982	0	0	0	0	0	0	1000	2199	101
2.01 - 4.00	95	905	0	0	0	0	0	0	1000	2275	163
4.01 - 10.00	49	951	0	0	0	0	0	0	1000	1602	125
10.00 +	0	1000	0	0	0	0	0	0	1000	299	28
all sizes	57	943	0	0	0	0	0	0	1000	8458	519
estd. no. of hhs (00)	481	7977	0	0	0	0	0	0	8458	--	--
sample no. of hhs	28	491	0	0	0	0	0	0	519	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Rajasthan	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	733	0	0	0	0	0	267	1000	51	28
0.01 - 0.40	3	534	0	0	0	0	0	463	1000	8516	264
0.41 - 1.00	3	603	0	0	0	0	0	394	1000	13663	575
1.01 - 2.00	16	725	0	0	0	0	0	259	1000	10053	518
2.01 - 4.00	4	833	0	0	0	0	0	163	1000	8286	352
4.01 - 10.00	2	898	0	0	0	0	0	100	1000	6706	456
10.00 +	0	815	0	0	0	0	0	185	1000	2073	89
all sizes	6	704	0	0	0	0	0	291	1000	49349	2282
estd. no. of hhs (00)	273	34734	0	0	0	0	0	14342	49349	--	--
sample no. of hhs	16	1749	0	0	0	0	0	517	2282	--	--
activity: irrigation											
< 0.01	169	733	0	0	0	0	0	97	1000	41	24
0.01 - 0.40	178	680	0	0	0	0	0	142	1000	3959	120
0.41 - 1.00	324	628	0	0	0	0	0	47	1000	6386	242
1.01 - 2.00	398	561	6	0	0	0	0	35	1000	4493	245
2.01 - 4.00	367	632	0	0	0	0	0	1	1000	4007	159
4.01 - 10.00	448	552	0	0	0	0	0	0	1000	1954	233
10.00 +	732	268	0	0	0	0	0	0	1000	377	30
all sizes	339	611	1	0	0	0	0	49	1000	21216	1053
estd. no. of hhs (00)	7190	12970	27	0	0	0	0	1030	21216	--	--
sample no. of hhs	391	630	1	0	0	0	0	31	1053	--	--
activity: harvesting											
< 0.01	0	673	0	0	0	0	0	327	1000	12	6
0.01 - 0.40	0	516	0	0	0	0	0	484	1000	839	20
0.41 - 1.00	20	845	0	0	82	0	30	22	1000	1006	40
1.01 - 2.00	0	821	0	0	0	0	0	179	1000	739	31
2.01 - 4.00	25	808	0	0	0	0	0	167	1000	612	29
4.01 - 10.00	51	930	0	0	0	0	0	19	1000	546	38
10.00 +	0	974	0	0	0	0	0	26	1000	356	16
all sizes	15	790	0	0	20	0	7	167	1000	4111	180
estd. no. of hhs (00)	63	3248	0	0	83	0	30	686	4111	--	--
sample no. of hhs	5	147	0	0	1	0	1	26	180	--	--
activity: threshing											
< 0.01	23	880	0	0	0	0	0	97	1000	41	23
0.01 - 0.40	80	577	0	0	0	0	0	343	1000	4953	158
0.41 - 1.00	104	692	0	9	0	0	0	195	1000	7900	304
1.01 - 2.00	71	836	0	0	0	0	0	93	1000	5306	289
2.01 - 4.00	80	866	0	0	0	0	0	54	1000	4553	198
4.01 - 10.00	24	953	1	0	0	0	0	23	1000	2453	259
10.00 +	16	944	0	0	0	0	0	40	1000	889	54
all sizes	78	763	0	3	0	0	0	156	1000	26095	1285
estd. no. of hhs (00)	2029	19919	2	70	0	0	0	4075	26095	--	--
sample no. of hhs	74	1070	1	1	0	0	0	139	1285	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Sikkim	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	0	1
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	90	85
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	230	185
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	83	88
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	22	55
4.01 - 10.00	0	0	0	0	0	0	0	1000	1000	2	7
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	426	421
estd. no. of hhs (00)	0	0	0	0	0	0	0	426	426	--	--
sample no. of hhs	0	0	0	0	0	0	0	421	421	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	3	1
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	3	1
estd. no. of hhs (00)	0	0	0	0	0	0	0	3	3	--	--
sample no. of hhs	0	0	0	0	0	0	0	1	1	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	-	-	-	-	-	-	-	-	-	-	0
0.41 - 1.00	-	-	-	-	-	-	-	-	-	-	0
1.01 - 2.00	-	-	-	-	-	-	-	-	-	-	0
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	-	-	-	-	-	-	-	-	-	-	0
estd. no. of hhs (00)	-	-	-	-	-	-	-	-	-	--	--
sample no. of hhs	-	-	-	-	-	-	-	-	-	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	0	0	0	0	0	0	1000	1000	0	1
0.41 - 1.00	0	0	0	0	0	0	0	1000	1000	7	5
1.01 - 2.00	0	0	0	0	0	0	0	1000	1000	0	1
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	0	2
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	0	0	0	0	0	0	1000	1000	8	9
estd. no. of hhs (00)	0	0	0	0	0	0	0	8	8	--	--
sample no. of hhs	0	0	0	0	0	0	0	9	9	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Tamil Nadu	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	327	0	0	0	0	0	673	1000	7	5
0.01 - 0.40	34	591	0	0	0	0	0	375	1000	6341	387
0.41 - 1.00	12	647	0	1	0	0	0	340	1000	11613	710
1.01 - 2.00	14	713	0	0	0	0	0	273	1000	4818	364
2.01 - 4.00	10	826	0	0	0	0	0	164	1000	3325	190
4.01 - 10.00	16	896	0	0	0	0	0	87	1000	983	56
10.00 +	0	1000	0	0	0	0	0	0	1000	158	8
all sizes	17	679	0	0	0	0	0	304	1000	27245	1720
estd. no. of hhs (00)	470	18487	0	11	0	0	0	8277	27245	--	--
sample no. of hhs	26	1181	0	1	0	0	0	512	1720	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	4	2
0.01 - 0.40	667	323	0	0	0	0	0	9	1000	3249	190
0.41 - 1.00	656	344	0	0	0	0	0	0	1000	6819	414
1.01 - 2.00	780	217	0	0	0	0	0	3	1000	3244	259
2.01 - 4.00	866	128	0	0	0	0	0	6	1000	2537	158
4.01 - 10.00	835	165	0	0	0	0	0	0	1000	759	47
10.00 +	1000	0	0	0	0	0	0	0	1000	42	5
all sizes	724	273	0	0	0	0	0	3	1000	16654	1075
estd. no. of hhs (00)	12051	4546	0	0	0	0	0	57	16654	--	--
sample no. of hhs	790	282	0	0	0	0	0	3	1075	--	--
activity: harvesting											
< 0.01	1000	0	0	0	0	0	0	0	1000	3	1
0.01 - 0.40	310	661	0	0	0	0	0	28	1000	308	19
0.41 - 1.00	0	793	0	0	0	0	0	207	1000	554	32
1.01 - 2.00	63	748	0	0	0	0	0	190	1000	313	28
2.01 - 4.00	21	925	0	0	0	0	0	54	1000	157	21
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	125	9
10.00 +	0	1000	0	0	0	0	0	0	1000	3	1
all sizes	83	787	0	0	0	0	0	131	1000	1463	111
estd. no. of hhs (00)	121	1151	0	0	0	0	0	191	1463	--	--
sample no. of hhs	6	90	0	0	0	0	0	15	111	--	--
activity: threshing											
< 0.01	738	262	0	0	0	0	0	0	1000	4	2
0.01 - 0.40	148	596	0	0	0	0	0	256	1000	890	46
0.41 - 1.00	39	847	0	0	0	0	0	113	1000	1187	62
1.01 - 2.00	42	838	0	0	0	0	0	120	1000	1171	71
2.01 - 4.00	71	854	0	0	0	0	0	75	1000	434	38
4.01 - 10.00	65	925	0	0	0	0	0	9	1000	247	16
10.00 +	0	1000	0	0	0	0	0	0	1000	17	3
all sizes	70	794	0	0	0	0	0	136	1000	3949	238
estd. no. of hhs (00)	277	3135	0	0	0	0	0	537	3949	--	--
sample no. of hhs	19	189	0	0	0	0	0	30	238	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Tripura	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	286	0	0	0	0	0	714	1000	8	14
0.01 - 0.40	0	432	0	0	0	0	0	567	1000	750	375
0.41 - 1.00	3	417	0	0	0	0	0	580	1000	1129	395
1.01 - 2.00	0	568	0	0	0	0	0	432	1000	141	58
2.01 - 4.00	0	0	0	0	0	0	0	1000	1000	2	1
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	2	2
10.00 +	0	1000	0	0	0	0	0	0	1000	0	1
all sizes	2	433	0	0	0	0	0	565	1000	2032	846
estd. no. of hhs (00)	4	880	0	0	0	0	0	1148	2032	--	--
sample no. of hhs	4	387	0	0	0	0	0	455	846	--	--
activity: irrigation											
< 0.01	0	1000	0	0	0	0	0	0	1000	5	7
0.01 - 0.40	281	686	0	0	0	32	0	1	1000	337	182
0.41 - 1.00	342	619	0	0	0	21	0	19	1000	384	160
1.01 - 2.00	400	592	0	0	0	8	0	0	1000	50	25
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	1000	0	0	0	0	0	0	0	1000	1	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	318	648	0	0	0	25	0	10	1000	778	375
estd. no. of hhs (00)	247	504	0	0	0	19	0	7	778	--	--
sample no. of hhs	111	258	0	0	0	3	0	3	375	--	--
activity: harvesting											
< 0.01	0	0	0	0	0	0	0	1000	1000	0	1
0.01 - 0.40	6	384	0	0	0	0	40	570	1000	98	54
0.41 - 1.00	0	270	0	0	0	0	64	666	1000	168	72
1.01 - 2.00	0	214	0	0	0	0	11	775	1000	38	10
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	2	299	0	0	0	0	50	649	1000	305	137
estd. no. of hhs (00)	1	91	0	0	0	0	15	198	305	--	--
sample no. of hhs	1	49	0	0	0	0	6	81	137	--	--
activity: threshing											
< 0.01	0	0	0	0	0	0	0	1000	1000	2	6
0.01 - 0.40	0	213	0	0	0	0	0	787	1000	257	149
0.41 - 1.00	0	232	0	0	0	0	0	768	1000	501	188
1.01 - 2.00	0	143	0	0	0	0	0	857	1000	66	30
2.01 - 4.00	-	-	-	-	-	-	-	-	-	-	0
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	1	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	219	0	0	0	0	0	781	1000	827	374
estd. no. of hhs (00)	0	181	0	0	0	0	0	646	827	--	--
sample no. of hhs	0	77	0	0	0	0	0	297	374	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Uttar Pradesh	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	799	0	0	0	2	0	199	1000	681	61
0.01 - 0.40	6	864	0	0	0	1	0	129	1000	59635	2396
0.41 - 1.00	6	804	0	0	0	0	0	190	1000	53180	1387
1.01 - 2.00	1	726	0	0	0	0	0	273	1000	27905	1144
2.01 - 4.00	4	761	0	0	0	0	0	235	1000	11458	654
4.01 - 10.00	0	884	0	0	0	0	0	116	1000	3390	161
10.00 +	0	872	0	0	0	0	0	128	1000	443	13
all sizes	5	812	0	0	0	0	0	183	1000	156692	5816
estd. no. of hhs (00)	707	127193	0	0	0	71	0	28721	156692	--	--
sample no. of hhs	25	4809	0	0	0	2	0	980	5816	--	--
activity: irrigation											
< 0.01	39	961	0	0	0	0	0	0	1000	655	53
0.01 - 0.40	166	834	0	0	0	0	0	1	1000	51968	2098
0.41 - 1.00	151	848	1	0	0	0	0	0	1000	47174	1241
1.01 - 2.00	140	859	0	0	0	0	0	0	1000	24591	1029
2.01 - 4.00	185	814	0	0	0	0	0	1	1000	10163	598
4.01 - 10.00	211	789	0	0	0	0	0	0	1000	3077	147
10.00 +	72	928	0	0	0	0	0	0	1000	255	11
all sizes	158	842	0	0	0	0	0	0	1000	137882	5177
estd. no. of hhs (00)	21734	116039	56	0	0	0	0	53	137882	--	--
sample no. of hhs	875	4295	2	0	0	0	0	5	5177	--	--
activity: harvesting											
< 0.01	0	932	0	0	0	0	0	68	1000	105	10
0.01 - 0.40	55	867	0	1	0	0	0	78	1000	5748	232
0.41 - 1.00	36	842	0	0	0	0	0	122	1000	5843	157
1.01 - 2.00	36	919	7	0	0	0	8	30	1000	3405	157
2.01 - 4.00	49	849	9	0	0	0	0	93	1000	1189	84
4.01 - 10.00	90	856	0	0	0	0	0	53	1000	752	38
10.00 +	0	1000	0	0	0	0	0	0	1000	77	2
all sizes	45	868	2	0	0	0	2	83	1000	17118	680
estd. no. of hhs (00)	771	14864	33	3	0	0	27	1420	17118	--	--
sample no. of hhs	28	599	2	1	0	0	1	49	680	--	--
activity: threshing											
< 0.01	35	366	0	0	0	0	0	599	1000	403	45
0.01 - 0.40	77	883	0	0	0	0	0	40	1000	43159	1742
0.41 - 1.00	58	904	0	0	0	0	0	38	1000	41755	1083
1.01 - 2.00	48	918	3	0	0	0	0	31	1000	22759	937
2.01 - 4.00	49	920	0	0	0	0	0	31	1000	9844	566
4.01 - 10.00	60	923	0	0	0	0	0	17	1000	2837	134
10.00 +	54	946	0	0	0	0	0	0	1000	235	10
all sizes	62	899	1	0	0	0	0	38	1000	120992	4517
estd. no. of hhs (00)	7499	108793	68	0	0	6	0	4626	120992	--	--
sample no. of hhs	314	4049	2	0	0	1	0	151	4517	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Uttaranchal	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	0	0	0	0	0	0	1000	1000	20	1
0.01 - 0.40	0	132	0	0	0	0	0	868	1000	4775	211
0.41 - 1.00	0	239	0	0	0	0	0	761	1000	2830	113
1.01 - 2.00	0	336	0	0	0	0	0	664	1000	615	45
2.01 - 4.00	0	821	0	0	0	0	0	179	1000	327	13
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	13	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	209	0	0	0	0	0	791	1000	8579	384
estd. no. of hhs (00)	0	1796	0	0	0	0	0	6783	8579	--	--
sample no. of hhs	0	94	0	0	0	0	0	290	384	--	--
activity: irrigation											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	137	863	0	0	0	0	0	0	1000	526	35
0.41 - 1.00	106	894	0	0	0	0	0	0	1000	852	32
1.01 - 2.00	338	662	0	0	0	0	0	0	1000	205	14
2.01 - 4.00	155	845	0	0	0	0	0	0	1000	302	8
4.01 - 10.00	1000	0	0	0	0	0	0	0	1000	13	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	153	847	0	0	0	0	0	0	1000	1897	90
estd. no. of hhs (00)	291	1606	0	0	0	0	0	0	1897	--	--
sample no. of hhs	29	61	0	0	0	0	0	0	90	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	195	726	0	0	0	0	0	79	1000	251	9
0.41 - 1.00	111	889	0	0	0	0	0	0	1000	329	11
1.01 - 2.00	54	946	0	0	0	0	0	0	1000	86	3
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	47	2
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	126	846	0	0	0	0	0	28	1000	713	25
estd. no. of hhs (00)	90	603	0	0	0	0	0	20	713	--	--
sample no. of hhs	5	19	0	0	0	0	0	1	25	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	458	0	0	0	0	0	542	1000	1420	61
0.41 - 1.00	0	567	0	0	0	0	0	433	1000	1325	42
1.01 - 2.00	35	701	0	0	0	0	0	265	1000	240	16
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	182	6
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	13	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	3	555	0	0	0	0	0	442	1000	3180	126
estd. no. of hhs (00)	8	1765	0	0	0	0	0	1406	3180	--	--
sample no. of hhs	2	80	0	0	0	0	0	44	126	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										West Bengal	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	790	0	0	0	0	0	210	1000	38	12
0.01 - 0.40	7	562	0	0	0	0	1	430	1000	31180	1816
0.41 - 1.00	3	489	0	0	0	0	0	508	1000	21350	801
1.01 - 2.00	5	501	0	0	2	0	0	491	1000	6359	485
2.01 - 4.00	20	439	0	0	0	0	0	541	1000	1818	125
4.01 - 10.00	0	379	0	0	0	0	0	621	1000	258	19
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	5	526	0	0	0	0	0	468	1000	61002	3258
estd. no. of hhs (00)	333	32091	0	0	15	0	24	28538	61002	--	--
sample no. of hhs	24	1732	0	0	1	0	4	1497	3258	--	--
activity: irrigation											
< 0.01	267	733	0	0	0	0	0	0	1000	24	9
0.01 - 0.40	145	851	0	0	0	0	0	3	1000	17752	1024
0.41 - 1.00	111	883	0	0	0	0	0	6	1000	12726	490
1.01 - 2.00	98	902	0	0	0	0	0	0	1000	4128	342
2.01 - 4.00	158	842	0	0	0	0	0	0	1000	1230	90
4.01 - 10.00	69	931	0	0	0	0	0	0	1000	126	14
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	128	868	0	0	0	0	0	4	1000	35987	1969
estd. no. of hhs (00)	4604	31244	8	0	0	0	0	130	35987	--	--
sample no. of hhs	254	1705	1	0	0	0	0	9	1969	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	224	0	7	0	0	15	754	1000	1096	75
0.41 - 1.00	0	214	0	0	0	0	5	781	1000	1158	43
1.01 - 2.00	0	238	0	0	0	0	171	591	1000	358	22
2.01 - 4.00	0	410	0	0	0	0	0	590	1000	17	4
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	19	1
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	0	228	0	3	0	0	31	737	1000	2648	145
estd. no. of hhs (00)	0	604	0	8	0	0	83	1952	2648	--	--
sample no. of hhs	0	32	0	1	0	0	8	104	145	--	--
activity: threshing											
< 0.01	1000	0	0	0	0	0	0	0	1000	12	1
0.01 - 0.40	36	232	0	8	0	0	10	714	1000	1066	67
0.41 - 1.00	16	207	0	0	0	0	5	772	1000	1112	50
1.01 - 2.00	25	221	21	0	0	0	97	635	1000	629	42
2.01 - 4.00	0	667	0	0	0	0	0	333	1000	40	7
4.01 - 10.00	-	-	-	-	-	-	-	-	-	-	0
10.00 +	-	-	-	-	-	-	-	-	-	-	0
all sizes	29	225	5	3	0	0	27	711	1000	2859	167
estd. no. of hhs (00)	83	643	13	8	0	0	78	2033	2859	--	--
sample no. of hhs	8	39	1	1	0	0	7	111	167	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										Group of UTs	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kerosene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	0	1000	0	0	0	0	0	0	1000	0	2
0.01 - 0.40	0	205	0	0	0	0	0	795	1000	172	100
0.41 - 1.00	0	347	0	0	0	0	1	652	1000	160	78
1.01 - 2.00	1	303	0	0	0	0	0	696	1000	67	52
2.01 - 4.00	0	546	0	0	0	0	0	454	1000	63	38
4.01 - 10.00	0	842	0	0	0	0	0	158	1000	13	9
10.00 +	0	1000	0	0	0	0	0	0	1000	3	1
all sizes	0	334	0	0	0	0	0	665	1000	478	280
estd. no. of hhs (00)	0	160	0	0	0	0	0	318	478	--	--
sample no. of hhs	1	90	0	0	0	0	1	188	280	--	--
activity: irrigation											
< 0.01	1000	0	0	0	0	0	0	0	1000	0	1
0.01 - 0.40	986	14	0	0	0	0	0	0	1000	26	19
0.41 - 1.00	823	177	0	0	0	0	0	0	1000	49	19
1.01 - 2.00	930	70	0	0	0	0	0	0	1000	21	16
2.01 - 4.00	905	95	0	0	0	0	0	0	1000	29	16
4.01 - 10.00	812	188	0	0	0	0	0	0	1000	8	7
10.00 +	1000	0	0	0	0	0	0	0	1000	3	1
all sizes	892	108	0	0	0	0	0	0	1000	136	79
estd. no. of hhs (00)	121	15	0	0	0	0	0	0	136	--	--
sample no. of hhs	60	19	0	0	0	0	0	0	79	--	--
activity: harvesting											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	1000	0	0	0	0	0	0	1000	0	1
0.41 - 1.00	0	970	0	0	0	0	0	30	1000	14	3
1.01 - 2.00	0	1000	0	0	0	0	0	0	1000	1	2
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	9	3
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	5	2
10.00 +	0	1000	0	0	0	0	0	0	1000	3	1
all sizes	0	987	0	0	0	0	0	13	1000	33	12
estd. no. of hhs (00)	0	32	0	0	0	0	0	0	33	--	--
sample no. of hhs	0	11	0	0	0	0	0	1	12	--	--
activity: threshing											
< 0.01	-	-	-	-	-	-	-	-	-	-	0
0.01 - 0.40	0	270	0	0	0	0	0	730	1000	11	11
0.41 - 1.00	0	544	0	0	0	0	0	456	1000	43	14
1.01 - 2.00	242	758	0	0	0	0	0	0	1000	14	6
2.01 - 4.00	0	1000	0	0	0	0	0	0	1000	6	3
4.01 - 10.00	0	1000	0	0	0	0	0	0	1000	5	5
10.00 +	0	1000	0	0	0	0	0	0	1000	3	1
all sizes	42	623	0	0	0	0	0	335	1000	82	40
estd. no. of hhs (00)	3	51	0	0	0	0	0	27	82	--	--
sample no. of hhs	1	26	0	0	0	0	0	13	40	--	--

Table 18: Per 1000 distribution of farmer households in different size classes of land possessed by primary source of energy used for specific activities

activity: ploughing										All India	
size class of land possessed (hectares)	primary source of energy									no. of hhs reporting energy use	
	electricity	diesel/petrol/kero-sene	solar	LPG	gobar gas	dung cake	fire-wood	animal power	all	estd. (00)	sample
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
< 0.01	4	543	0	0	0	1	0	453	1000	1544	278
0.01 - 0.40	6	529	1	0	0	0	0	464	1000	222284	12966
0.41 - 1.00	4	440	0	0	0	0	0	556	1000	266574	11544
1.01 - 2.00	4	432	0	0	0	0	0	564	1000	153193	7739
2.01 - 4.00	4	466	0	0	0	0	0	531	1000	89760	4621
4.01 - 10.00	4	553	0	0	0	0	0	443	1000	41381	2575
10.00 +	15	701	0	0	0	0	0	284	1000	7301	363
all sizes	4	475	0	0	0	0	0	520	1000	782038	40086
estd. no. of hhs (00)	3440	371794	210	48	16	71	121	406338	782038	--	--
sample no. of hhs	197	18796	8	2	2	2	12	21067	40086	--	--
activity: irrigation											
< 0.01	98	853	0	0	0	0	0	48	1000	1001	155
0.01 - 0.40	206	783	0	0	0	0	0	11	1000	121169	6110
0.41 - 1.00	303	689	0	0	0	0	0	8	1000	123361	4730
1.01 - 2.00	389	597	0	0	0	0	0	13	1000	74196	3763
2.01 - 4.00	513	480	0	0	0	0	0	8	1000	45648	2482
4.01 - 10.00	616	378	0	0	0	0	0	6	1000	21903	1524
10.00 +	730	266	0	0	0	0	0	4	1000	3769	228
all sizes	335	655	0	0	0	0	0	10	1000	391047	18992
estd. no. of hhs (00)	130975	256145	92	38	0	19	8	3770	391047	--	--
sample no. of hhs	6906	11893	5	1	0	3	3	181	18992	--	--
activity: harvesting											
< 0.01	55	469	0	0	0	0	0	476	1000	283	43
0.01 - 0.40	35	593	5	1	1	0	5	360	1000	17707	979
0.41 - 1.00	21	526	1	1	3	0	3	445	1000	26003	1130
1.01 - 2.00	25	610	2	0	0	0	6	358	1000	18254	778
2.01 - 4.00	52	595	3	0	0	4	2	345	1000	11837	676
4.01 - 10.00	38	647	0	0	0	0	0	315	1000	8641	480
10.00 +	26	801	0	0	0	0	0	173	1000	1736	91
all sizes	31	586	2	0	1	1	3	376	1000	84463	4177
estd. no. of hhs (00)	2611	49467	181	28	99	51	290	31736	84463	--	--
sample no. of hhs	118	2304	8	4	3	1	23	1716	4177	--	--
activity: threshing											
< 0.01	77	514	0	0	0	0	0	409	1000	897	163
0.01 - 0.40	75	654	1	0	0	0	0	270	1000	100515	5275
0.41 - 1.00	93	581	0	1	0	0	0	325	1000	131823	5319
1.01 - 2.00	132	610	1	0	0	0	1	256	1000	86805	3893
2.01 - 4.00	171	581	1	0	1	0	0	246	1000	54675	2613
4.01 - 10.00	188	661	0	0	0	0	0	150	1000	26049	1657
10.00 +	236	672	0	0	0	0	0	92	1000	4703	261
all sizes	115	611	1	0	0	0	0	272	1000	405467	19181
estd. no. of hhs (00)	46773	247882	243	99	55	6	102	110307	405467	--	--
sample no. of hhs	2199	11285	7	4	1	1	9	5675	19181	--	--

APPENDIX – B

Sample Design and Estimation Procedure

1. Geographical coverage: The survey covered rural areas of the whole of the Indian Union *except* (i) Leh (Ladakh) and Kargil districts of Jammu & Kashmir, (ii) interior villages of Nagaland situated beyond five kilometres of the bus route and (iii) villages in Andaman and Nicobar Islands which remain inaccessible throughout the year. Urban areas were wholly excluded from this survey.

2. Period of survey: The survey period of the 59th round was January to December, 2003.

3. Sub-rounds: The survey period was divided into two sub-rounds. Sub-round one consisted of the first half of the survey period of each visit while sub-round two consisted of the remaining period. Equal numbers of sample FSU's are allotted to each sub-round and an FSU is normally surveyed in the sub-round to which it is allotted. Because of arduous field conditions, this restriction was not strictly enforced in Andaman and Nicobar Islands, Lakshadweep, and rural areas of Arunachal Pradesh and Nagaland.

4. Visits: There were four subjects of enquiry in the 59th round of NSS: Land and Livestock Holdings (Sch.18.1), Debt and Investment (Sch.18.2), Consumer Expenditure (Sch.1.0), and Situation Assessment Survey of Farmers (Sch.33). Only the situation assessment survey was restricted to rural India; the others covered both rural and urban areas of the country. With the exception of consumer expenditure, all the enquiries required two visits to each sample household for collection of data: one during January to August and the other during September to December. Accordingly, each sample first stage unit (village or block) was visited twice by the investigator to whom it was allotted. A small proportion of households could not be surveyed a second time due to varying reasons; for these, only one set of data could be collected. Some items of information were in any case collected in the first visit only; these included general household characteristics, age, sex, educational level and other characteristics of household members, awareness of certain aspects of farming and access to modern technology etc. Canvassing of the listing schedule (Sch. 0.0) and selection of the sample households was carried out in the first visit only.

5. Participation of States: Situation Assessment Survey of Farmers was conducted in the Central sample for all the States/UTs. In the State sample, Andhra Pradesh, Chandigarh, Gujarat, Maharashtra, Meghalaya, Orissa and Tripura participated.

6. Sample Design

6.1 Broad design: A stratified multi-stage design was adopted for the 59th round survey. The first stage unit (FSUs) were the census villages in the rural sector (panchayat wards in Kerala). The ultimate stage units (USUs) were households. Hamlet-groups constituted the intermediate stage whenever these were formed in the selected village.

6.2 Sampling frame for First Stage Units: The list of villages (panchayat wards for Kerala) as per Population Census 1991 was used as sampling frame.

6.3 Stratification (Rural Sector) : Two *special strata* have been formed at the State/ UT level, viz.,

Stratum 1: all FSUs with population between 0 and 50 and

Stratum 2: FSUs with population more than 15,000.

Special stratum 1 was formed whenever at least 50 such FSUs were found in a State/UT. Similarly, special stratum 2 was formed if at least 4 such FSUs were found in a State/UT. Otherwise, such FSUs were merged with the general strata.

From FSUs other than those covered under special strata 1 and 2, *general strata* were formed and its numbering started from 3. Each district of a State/UT was normally treated as a separate stratum. However, if the census rural population of the district was greater than or equal to 2 million as per population census 1991 or 2.5 million as per population census 2001, the district was split into two or more strata by grouping contiguous tehsils. However, in Gujarat, some districts were not wholly included in an NSS region. In such cases, the part of the district falling in an NSS region constituted a separate stratum.

6.4 Total sample size (FSUs) and allocation to States and UTs: 10608 FSUs were allocated at all-India level on the basis of investigator strength to different States/UTs for Central sample. The total number of sample FSUs has then been allocated to the States and UTs in proportion to provisional population as per Census 2001 subject to the availability of investigators ensuring more or less uniform work-load.

6.5 Allocation of State/UT Level Sample to Rural and Urban Sectors: State/UT level sample size was allocated between the two sectors in proportion to provisional population as per *Census 2001* with 1.5 weightage to urban sector subject to the restriction that the urban sample size for bigger states like Maharashtra, Tamil Nadu etc. would not exceed the rural sample size. Thus, a total of 6784 villages were to be selected in the rural sector all over the country.

6.6 Allocation to Strata: Within each sector of a State/UT, the respective sample size was allocated to the different strata in proportion to the stratum population as per Census 2001. Allocations at stratum level were adjusted to a multiple of 2 with a minimum sample size of 2. However, a multiple of 4 FSUs was allocated to a stratum wherever possible.

6.7 Selection of FSUs: FSUs were selected with Probability Proportional to Size With Replacement (PPSWR), size being the population as per Population Census 1991 in all the strata for the rural sector except for stratum 1. In stratum 1 of the rural sector, selection was done using Simple Random Sampling Without Replacement (SRSWOR). Samples were drawn in the form of two independent sub-samples.

7. Selection of Hamlet-groups and Households

7.1 Formation of Hamlet-group: Large villages having approximate *present population* 1200 or more are divided into a suitable number of hamlet-groups (hg's) as given below:

approximate present population of the sample village	no. of hamlet-groups (hg's) to be formed
less than 1200	1 (i.e.no hg formation)
1200 to 1799	3
1800 to 2399	4
2400 to 2999	5
3000 to 3599	6
.....and so on	

For rural areas of Himachal Pradesh, Sikkim, Nagaland and Poonch, Rajouri, Udhampur, Doda districts of Jammu and Kashmir, the number of hamlet-groups (hg's) formed was as follows.

approximate present population of the sample village	no. of hamlet-groups (hg's) to be formed
less than 600	1 (i.e.no hg formation)
600 to 899	3
900 to 1199	4
1200 to 1499	5
.....and so on	

Hamlet-groups were formed by more or less equalising population. Two hamlet-groups were selected from a large village by SRSWOR. Listing and selection of the households was done independently in the two selected hamlet-groups so formed.

8. Formation of Second Stage Strata (SSS): After listing of the households in a village or in each of the two selected hamlet-groups in the village, the households were divided into suitable number of second stage strata.

8.1 Schedule 33: Situation Assessment Survey (SAS): Four different second stage strata were formed. The demarcation of the second stage strata (SSS) was as follows:

For the purpose of stratification, only a particular set of rural households i.e. the set of farmer households were considered. By farmer household it is meant a household that possessed some land and was engaged in some farming activity during the last 365 days. Now SSS 1 was formed by all the farmer households possessing land less than 0.005 hectares. SSS 2, 3 and 4 were formed by the farmer households possessing land equal to 0.005 hectares or more. They were determined as under:

From the data of NSS 48th round, households having land area 0.005 hectares or more were considered. Two cut-off points, X and Y, were determined at State/UT level in such a way that 40% of these households possessed land area less than X, 40% possessed land area between X & Y and 20% possessed land area greater than Y.

Listed farmer households with land less than X formed SSS 2, those with land between X and Y constituted SSS 3 and those with land more than Y were in SSS 4.

Thus, the detailed constitution of the second stage strata for Schedule 33 was :

- SSS 1: households possessing land less than 0.005 ha and engaged in farming activity during the last 365 days
- SSS 2: households possessing land equal to or more than 0.005 ha but less than X and engaged in farming activity during the last 365 days
- SSS 3: households possessing land equal to or more than X but less than Y and engaged in farming activity during the last 365 days
- SSS 4: households possessing land equal to or more than Y and engaged in farming activity during the last 365 days

Table 1: The values of cut-off points X & Y of land possessed (in hectares) for each State/UT

State/UT	X	Y
(1)	(2)	(3)
Andhra Pradesh	0.223	1.574
Arunachal Pradesh	1.255	2.024
Assam	0.405	1.214
Bihar	0.154	0.979
Chattisgarh	0.809	2.149
Goa	0.125	0.712
Gujarat	0.773	2.930
Haryana	0.494	2.469
Himachal Pradesh	0.389	1.214
Jammu & Kashmir	0.575	1.566
Jharkhand	0.405	1.307
Karnataka	0.805	2.432
Kerala	0.069	0.445
Madhya Pradesh	1.052	3.752
Maharashtra	0.817	3.246
Manipur	0.299	1.052
Meghalaya	0.538	1.348
Mizoram	0.567	1.214
Nagaland	0.688	1.214
Orissa	0.401	1.352
Punjab	0.024	2.141
Rajasthan	1.085	4.152
Sikkim	0.607	1.862
Tamil Nadu	0.032	0.830
Tripura	0.162	0.728
Uttar Pradesh	0.348	1.384
Uttaranchal	0.283	0.809
West Bengal	0.138	0.850
A & N Islands	0.073	2.024
Chandigarh	0.125	1.251
D & N Haveli	0.506	1.085
Daman & Diu	0.182	0.971
Delhi	0.016	0.417
Lakshadweep	0.081	0.182
Pondicherry	0.016	0.421

9. Allocation and selection of sample households: Two households were selected from each second-stage stratum, which means an allocation of 8 sample households to each sample FSU. In case of hamlet-group formation, one household was selected from each SSS of each hamlet-group. Sample households were selected by SRSWOR in each SSS of each hamlet-group.

10. Estimation Procedure

10.1 Notations:

s = subscript for stratum

m = subscript for sub-sample ($m = 1, 2$)

i = subscript for FSU [village (panchayat ward)]

d = subscript for a hamlet-group ($d = 1, 2$)

j = subscript for second stage stratum of an FSU/hg

k = subscript for sample household under a particular second stage stratum within an FSU/ hg

D = total number of hg's formed in the sample village (panchayat ward for Kerala)

$D^* = 1$ if $D = 1$

$= D / 2$ for FSUs with $D > 1$

N = total number of FSUs in rural stratum 1

Z = total size of a rural stratum other than stratum 1 (= sum of sizes for all the FSUs of a rural stratum other than stratum 1)

z = size of sample village used for selection.

n = number of sample villages surveyed including zero cases but excluding casualties for a particular sub-sample and stratum.

H = total number of households listed in a second-stage stratum of a hamlet-group of sample FSU

h = number of households surveyed in a second-stage stratum of a hamlet-group of sample FSU

x, y = observed value of characteristics x, y under estimation

\hat{X}, \hat{Y} = estimate of population total X, Y for the characteristics x, y

In terms of the above symbols,

y_{smidjk} = observed value of the characteristic y for the k -th household in the j -th second stage stratum of the d -th hg ($d = 1, 2$) of the i -th FSU belonging to the m -th sub-sample for the s -th stratum;

However, for ease of understanding, a few symbols have been suppressed in the following paragraphs where they are obvious.

10.2 Formulae for estimation of aggregates for a particular sub-sample and stratum in rural sector (Schedule 33 was canvassed in rural sector only):

(a) Estimation formula for stratum 1:

(i) For households selected in j -th second stage stratum:

$$\hat{Y}_j = \frac{N}{n_j} \sum_{i=1}^{n_j} D_i^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all selected households:

$$\hat{Y} = \sum_j \hat{Y}_j$$

(b) Estimation formula for other strata:

(i) For households selected in j-th second stage stratum:

$$\hat{Y}_j = \frac{Z}{n_j} \sum_{i=1}^{n_j} \frac{1}{Z_i} D_i^* \left[\frac{H_{i1j}}{h_{i1j}} \sum_{k=1}^{h_{i1j}} y_{i1jk} + \frac{H_{i2j}}{h_{i2j}} \sum_{k=1}^{h_{i2j}} y_{i2jk} \right]$$

(ii) For all selected households:

$$\hat{Y} = \sum_j \hat{Y}_j$$

10.3 Overall estimate for aggregates:

Overall estimate for aggregates for a stratum (\hat{Y}_s) based on two sub-samples is obtained as:

$$\hat{Y}_s = \frac{1}{2} \sum_{m=1}^2 \hat{Y}_{sm}$$

10.4 Overall estimate of aggregates at State/UT/all-India level:

The overall estimate \hat{Y} at the State/ UT/ all-India level is obtained by summing the stratum estimates \hat{Y}_s over all strata belonging to the State/ UT/ all-India.

10.5 Estimates of ratios:

Let \hat{Y} and \hat{X} be the overall estimate of the aggregates Y and X for two characteristics y and x respectively at the State/ UT/ all-India level.

Then the combined ratio estimate (\hat{R}) of the ratio ($R = \frac{Y}{X}$) is obtained as

$$\hat{R} = \frac{\hat{Y}}{\hat{X}}$$

10.6 Estimates of error:

The variances of the above estimates are estimated as follows:

A) For aggregate \hat{Y} :

$$\text{Var}(\hat{Y}) = \sum_s \text{Var}(\hat{Y}_s)$$

where $\text{Var}(\hat{Y}_s)$ are as given below.

a) For strata with PPSWR selection at first stage (i.e. for all rural strata except stratum 1):

$$\text{Var}_{ppswr}(\hat{Y}_s) = \sum_j \text{Var}(\hat{Y}_{sj})$$

$$\text{where } \text{Var}_{ppswr}(\hat{Y}_{sj}) = \frac{1}{n_{sj}(n_{sj} - 1)} \left[\sum_{i=1}^{n_{sj}} \frac{Z_s^2 \hat{Y}_{sij}^2}{Z_{si}^2} - n_{sj} \hat{Y}_{sj}^2 \right],$$

$$\hat{Y}_{sij} = D_{sj}^* \left[\frac{H_{1j}}{h_{1j}} \sum_{k=1}^{h_{1j}} y_{1jk} + \frac{H_{2j}}{h_{2j}} \sum_{k=1}^{h_{2j}} y_{2jk} \right]$$

b) For strata with SRSWOR selection at first stage (i.e. for rural stratum 1):

$$\text{Var}_{srswor}(\hat{Y}_s) = \frac{1}{4} (\hat{Y}_{s1} - \hat{Y}_{s2})^2,$$

where \hat{Y}_{s1} and \hat{Y}_{s2} are the estimates for sub-sample 1 and sub-sample 2 respectively for stratum 's'.

B) For ratio \hat{R} :

$$\text{MSE}(\hat{R}) = \frac{1}{(\hat{X})^2} \left[\sum_s \text{MSE}_s(\hat{R}) + \sum_{s'} \text{MSE}_{s'}(\hat{R}) \right]$$

where s, s' indicate respectively the strata with PPSWR and SRSWOR selection at first stage.

a) For strata with PPSWR selection at first stage (i.e. for all rural strata except stratum 1):

$$\text{MSE}_s(\hat{R}) = \frac{1}{n_s(n_s - 1)} \sum_{i=1}^{n_s} \left[\frac{Z_s}{Z_{si}} (\hat{Y}_{si} - \hat{R} \hat{X}_{si}) - \frac{1}{n_s} \sum_{i=1}^{n_s} \frac{Z_s}{Z_{si}} (\hat{Y}_{si} - \hat{R} \hat{X}_{si}) \right]^2$$

where

$$\hat{Y}_{si} = \sum_j \hat{Y}_{sij}, \quad \hat{X}_{si} = \sum_j \hat{X}_{sij},$$

$$\hat{Y}_{sij} = D_{si}^* \left[\frac{H_{si1j}}{h_{si1j}} \sum_{k=1}^{h_{si1j}} y_{si1jk} + \frac{H_{si2j}}{h_{si2j}} \sum_{k=1}^{h_{si2j}} y_{si2jk} \right],$$

$$\hat{X}_{sij} = D_{si}^* \left[\frac{H_{si1j}}{h_{si1j}} \sum_{k=1}^{h_{si1j}} x_{si1jk} + \frac{H_{si2j}}{h_{si2j}} \sum_{k=1}^{h_{si2j}} x_{si2jk} \right]$$

b) For strata with SRSWOR selection at first stage (i.e. for rural stratum 1):

$$M\hat{S}E_{s'}(\hat{R}) = \frac{1}{4} \left[(\hat{Y}_{s'1} - \hat{Y}_{s'2})^2 + \hat{R}^2 (\hat{X}_{s'1} - \hat{X}_{s'2})^2 - 2\hat{R}(\hat{Y}_{s'1} - \hat{Y}_{s'2})(\hat{X}_{s'1} - \hat{X}_{s'2}) \right]$$

c) Estimates of RSE:

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{\text{Var}(\hat{Y})}}{\hat{Y}} \times 100$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100$$

11. Multipliers:

The formulae for multipliers for a sub-sample under Schedule 33 are given below:

stratum	formula for multipliers	
	hg 1	hg 2
rural stratum 1	$\frac{N_s}{n_{smj}} \times D_{smi}^* \times \frac{H_{sm1j}}{h_{sm1j}},$ j = 1, 2, 3, 4	$\frac{N_s}{n_{sm}} \times D_{smi}^* \times \frac{H_{smi2j}}{h_{smi2j}},$ j = 1, 2, 3, 4
all other rural strata	$\frac{Z_s}{n_{sm}} \times \frac{1}{Z_{smi}} \times D_{smi}^* \times \frac{H_{sm1j}}{h_{sm1j}},$ j = 1, 2, 3, 4	$\frac{Z_s}{n_{sm}} \times \frac{1}{Z_{smi}} \times D_{smi}^* \times \frac{H_{smi2j}}{h_{smi2j}},$ j = 1, 2, 3, 4

Note: (i) For estimating any characteristic for any domain not specifically considered in sample design, indicator variable is used.

(ii) Multipliers are computed on the basis of information available in the listing Schedule 0.0 irrespective of any misclassification observed between the listing schedule and the detailed enquiry schedule (i.e. Schedule 33).

12. Treatment for zero cases, casualty cases etc.:

12.1 While counting the number of FSUs surveyed (n_{sm}) in a stratum, all the FSUs with survey codes 1 to 6 in Schedule 0.0 are considered. In addition, if no household is available in the frame then also that FSU is treated as surveyed. However, if the households of Schedule 33 are available in the frame of the FSU but none of these could be surveyed then that FSU has to be treated as casualty and it is not treated as surveyed.

12.2 *Casualty cases*: FSUs with survey code 7 as per Schedule 0.0 are treated as casualties. In addition to this, an FSU, although surveyed, may have to be treated as casualty for Schedule 33 and a particular *second stage stratum* as given in the following paragraph:

12.2.1 FSUs with survey codes 1 and 4 as per Schedule 0.0 having number of households in the frame of j-th second stage stratum greater than 0 but number of households surveyed according to data file, considering both hg together, as nil (i.e. $H_{i1j} + H_{i2j} > 0$ but $h_{i1j} + h_{i2j} = 0$) will be taken as casualties for j-th second stage stratum.

All the FSUs with survey codes 1 to 6 as per Schedule 0.0 minus the number of casualties as identified above are taken as the number of surveyed FSUs (n_{smj}) for that stratum \times second stage stratum.

When casualty for j-th second stage stratum occurs for a particular hg but not for the other hg, the FSU is not treated as casualty but some adjustments in the value of H for the other hg are done as follows:

(i) Suppose for hg 1, $H_{i1j} > 0$ but $h_{i1j} = 0$ while for hg 2, $H_{i2j} > 0$ and $h_{i2j} > 0$. In that case $D_i^* \times H_{i2j}$ is replaced by $H_{i1j} + D_i^* \times H_{i2j}$ in the formula for multiplier of segment 2.

(ii) Suppose for hg 1, $H_{i1j} > 0$ and $h_{i1j} > 0$ while for hg 2, $H_{i2j} > 0$ but $h_{i2j} = 0$. In that case H_{i1j} is replaced by $H_{i1j} + D_i^* \times H_{i2j}$ in the formula for multiplier of hg 1.

It may be noted that n_{smj} is same for hg 1 & 2 of an FSU.

13. Treatment in cases of void second-stage strata/ sub-strata/ strata/ NSS region at FSU or household level

13.1 A stratum may become void through all the FSUs belonging to the stratum being casualties. This may occur in one sub-sample or in both the sub-samples. If it relates to only one sub-sample, then estimate for the void stratum is replaced by the estimate as obtained from the other sub-sample for the same stratum.

13.2 When a stratum is void in both the sub-samples, the following procedure is followed:

Case(I): Stratum void cases at FSU level (i.e. all FSUs having survey code 7):

i) If a rural stratum, except stratum 1, is void then it is merged with a similar stratum within the same NSS region. However, if rural stratum 1 is void for any State/UT, it is not merged with other stratum.

- ii) If all the strata within an NSS region is void, it is excluded from the coverage of the survey. The state level estimates are based on the estimates of NSS regions for which estimates are available.

Case (II): Stratum void case at second stage stratum level (i.e. all the FSUs are casualties for a particular second stage stratum):

An FSU may be a casualty for a particular *second stage stratum* although the survey code is not 7. If all the FSUs of a stratum become casualties in this manner for a particular *second stage stratum*, the stratum will become void. The adjustment for this type of stratum void case is done according to the following guidelines.

The adjustment is made involving other strata (within NSS region) of the State/UT. Suppose A, B, C, and D are the four strata in the State/ UT/ region and stratum C is void for j-th *second stage stratum*. If \hat{Y}_{aj} , \hat{Y}_{bj} and \hat{Y}_{dj} are the aggregate estimates for the strata A, B

and D respectively, then the estimate \hat{Y}_{cj} for stratum C is obtained as $\left(\frac{\hat{Y}_{aj} + \hat{Y}_{bj} + \hat{Y}_{dj}}{Z_a + Z_b + Z_d} \times Z_c \right)$, where

Z_a , Z_b , Z_c and Z_d are the sizes of strata A, B, C and D respectively.

Appendix - C

RURAL

CENTRAL

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
SOCIO-ECONOMIC SURVEY
FIFTY-NINTH ROUND: JANUARY - DECEMBER 2003
SCHEDULE 33: SITUATION ASSESSMENT SURVEY OF FARMERS

VISIT 1

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. name of head of household:
3. tehsil:	7. name of informant:
4. village name:	

[1] identification of sample household					
item no.	item	code	item no.	item	code
1.	sl. number of sample village/ block		11.	FOD sub-region	
2.	round number	5 9	12.	sample hamlet-group number	
			13.	second stage stratum	
3.	schedule number	3 3	14.	visit number	1
4.	sample (central-1, state-2)	1	15.	sample household number	
5.	sector (rural - 1, urban - 2)	1	16.	sl. no. of informant (as in col.1, block 4)	
6.	state-region		17.	response code	
7.	district		18.	survey code	
8.	stratum number		19.	reason for substitution of original household	
9.	sub-round				
10.	sub-sample				

CODES FOR BLOCK 1

item 17: response code : co-operative and capable - 1, co-operative but not capable - 2, busy - 3, informant reluctant - 4, others - 9.

item 18: survey code : original - 1, substitute - 2, casualty - 3.

item 19: reason for substitution of original household : informant busy-1, members away from home-2, informant non-co-operative-3, others-9.

[2] particulars of field operation										
sl. no.	item	investigator			assistant superintendent			superintendent		
(1)	(2)	(3)			(4)			(5)		
1.	i) name (block letters)									
	ii) code									
2.	date(s) of :	DD	MM	YY	DD	MM	YY	DD	MM	YY
	(i) survey/inspection									
	(ii) receipt									
	(iii) scrutiny									
	(iv) despatch									
3.	number of addl. sheets attached									
4.	total time taken to canvass schedule 33 (in minutes)									
5.	signature									

[23] remarks by investigator

[24] remarks by supervisory officer(s)

[3] household characteristics										
1.	household size					13.	dwelling unit code (<i>owned -1, hired -2, no dwelling unit -3, others -9</i>)			
2.	principal industry (NIC - 1998)	description:				14.	type of structure (<i>katcha-1, semi-pucca-2, pucca-3</i>)			
		code (5-digit)					15.	principal source of drinking water (code)		
3.	principal occupation (NCO - 1968)	description:				16.	distance from the principal source of drinking water (code)			
		code (3-digit)					17.	principal source of income (code)		
4.	household type (code)					18.	whether any member of the family fell ill during the last 365 days? (yes - 1, no - 2)			
5.	social group (code)									
6.	whether household owns any land? (yes - 1, no - 2)									
7.	if '1' in item 6, type of land owned (code)					19.	if '1' in item 18, treatment (code)			
8.	land as on date of survey (ha 0.000)	owned				20.	if '7' in item 19, reason therefor (code)			
9.		leased-in								
10.		neither owned nor leased-in				21.	no. of operational holdings during the agricultural year 2002 - 03			
11.		leased-out				22.	whether land holding(s) has been consolidated? (yes - 1, no - 2)			
12.		total possessed (8+9+10-11)								

CODES FOR BLOCK 3

item 4: household type: self-employed in non-agriculture-1, agricultural labour-2, other labour-3, self-employed in agriculture-4, others-9.

item 5: social group: scheduled tribe-1, scheduled caste-2, other backward class-3, others-9.

item 7: type of land owned: homestead only - 1, homestead and other land - 2, other land only - 3.

item 15: principal source of drinking water: tap -1, tubewell / handpump -2, well -3, tank/pond reserved for drinking -4, other tank/pond -5, river/canal/lake -6, spring-7, tanker - 8, others -9.

item 16: distance from the principal source of drinking water: within dwelling -1, outside dwelling but within premises -2, outside premises at a distance: < 0.2 km - 3, 0.2 - 0.5 km - 4, 0.5 - 1.0 km - 5, 1.0 - 2.0 km - 6, 2.0 km or more -7.

item 17: principal source of income : cultivation - 1, farming other than cultivation - 2, other agricultural activity - 3, wage/salaried employment - 4, non-agricultural enterprises - 5, pension - 6, remittances - 7, interest and dividends - 8, others - 9.

item 19: treatment : sub-centre/dispensary - 1, primary health centre - 2, community health centre/government hospital - 3, private clinic/doctor - 4, traditional treatment - 5, other treatment - 6, no treatment - 7.

item 20 : reason : non-availability of medical facility - 1, financial constraint - 2, not required - 3, others (specify.....) - 9.

[4] demographic and other particulars of household members

sl. no.	name of member	relation to head (code)	sex (male -1, female-2)	age (years)	marital status (code)	general education (code)	whether attended any formal training in agriculture? (yes - 1, no - 2)	whether engaged in farming during last 365 days? (yes-1, no-2)	if code '1' in col. 9, nature of work during last 365 days (code)		current weekly activity		wages and salary earnings (received or receivable) for the work done during last 7 days (Rs)			
									(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)

CODES FOR BLOCK 4

Col. (3) : relation to head: self-1, spouse of head-2, married child-3, spouse of married child-4, unmarried child-5, grandchild-6, father/mother/father-in-law/mother-in-law-7, brother/sister/brother-in-law/sister-in-law/other relatives-8, servants/employees/other non-relatives-9.
 Col.(6) : marital status code: never married - 1, currently married - 2, widowed - 3, divorced/separated - 4.
 Col. (7) : general education code : not literate - 01, literate without formal schooling - 02, literate but below primary - 03, primary - 04, middle - 05, secondary - 06, higher secondary - 07, diploma/certificate course - 08, graduate - 10, post graduate and above-11.
 Cols. (10), (11), (12): nature of work : working in cultivation: supervision - 01, ploughing -02, sowing -03, transplanting -04, weeding -05, harvesting -06, other cultivation activities - 07; manual work in other agricultural activities: forestry -08, plantation -10; working in : dairy -11, poultry - 12, piggery -13, duckery -14, fishery -15, bee-keeping -16, others -99.
 Col.(13): status code: worked in hh enterprise (self-employed): own account worker - 11, employer - 12, worked as helper in hh enterprise (unpaid family worker) - 21, worked as regular salaried/wage employee - 31, worked as casual wage labour: in public works - 41, in other types of work - 51, had work in hh enterprise but did not work due to: sickness - 61, other reasons - 62; had regular salaried/wage employment but did not work due to: sickness - 71, other reasons - 72; did not work but sought work - 81, did not seek but was available for work - 82, attended educational institution - 91, attended domestic duties only - 92, attended domestic duties and was also engaged in free collection of goods (vegetables, roots, firewood, cattle feed, etc.), sewing, tailoring, weaving, etc. for household use - 93, rentiers, pensioner, remittance recipients, etc. - 94, not able to work due to disability - 95, beggars, prostitutes - 96, others - 97, did not work due to temporary sickness (for casual workers only) -98.

[5] perception of household regarding sufficiency of food			
1. do all members of your household 'get enough food everyday'?			
	<i>(yes: every month of the year-1, some months of the year -2; no: no month of the year-3)</i>		
2. if code is 2 in item 1, during which calendar months did any member of the household not 'get enough food everyday'?			
	<i>(applicable month codes may be recorded in the box spaces: Jan-01, Feb-02, Mar-03, Apr-04, May-05, Jun-06, Jul-07, Aug-08, Sep-09, Oct-10, Nov-11, Dec-12)</i>		
3. whether information on item 1 was actually obtained from the informant? <i>(yes-1, no-2)</i>			

[6] general awareness/perceptions and other aspects of farming		
1.	are you aware of Minimum Support Price? (yes-1, no-2)	
2.	<i>if '1' in item 1, are you aware of procurement agency? (yes-1, no-2)</i>	
3.	did you have your crop insured at any time? (yes-1, no-2)	
4.	<i>if '2' in item 3, reason therefor (not aware -1, not interested-2, insurance facility not available-3, lack of resources for premium payment-4)</i>	
5.	services availed from cooperatives (not availed because of non-membership - 1, member but not availed - 2; availed for: credit - 3, seeds/fertilisers-4, agricultural implements-5, marketing-6, inputs-7, consumer goods-8)	
6.	what is the usual source of your seeds? (farm saved - 1, exchange - 2, purchase - 3)	
7.	how often do you replace seed varieties? (generally replacing every year-1, replacing every alternate year-2, replacing after three years-3, replacing after four years or more-4)	
8.	whether any member of the household is a member of registered farmers organisation? (yes-1, no-2)	
9.	whether any member of the household is a member of self help group? (yes - 1, no - 2)	
10.	are you aware of bio-fertilisers? (yes - 1, no - 2)	
11.	are you aware of World Trade Organisation (WTO)? (yes-1, no-2)	
12.	do you like farming as a profession? (yes - 1, no - 2)	
13.	if '2' in item 12, reasons therefor (not profitable - 1, lack of social status - 2, risky - 3, others (specify.....) - 9)	

[7] particulars of land possessed during kharif						(in 0.000 ha)	
sl. no.	crop/allied	owned and possessed	leased-in	otherwise possessed	total (3+4+5)		
(1)	(2)	(3)	(4)	(5)	(6)		
1.	cultivation						
2.	orchards and plantation						
3.	allied (other than animal farming)						
4.	dairy						
5.	farming of goat, sheep etc.						
6.	piggery						
7.	poultry/ duckery						
8.	fishery						
9.	bee-keeping						
10.	farming of other animals						
11.	total (1 to 10)						

[8] area under irrigation during kharif								
sl. no.	crop item	description code	area (0.000 ha) under irrigation for crop					device used
			(3)	(4)	(5)	(6)	(7)	
(1)	(2)		(3)	(4)	(5)	(6)	(7)	(8)
source of irrigation								
1.	river/spring							
2.	canal							
3.	reservoir							
4.	tank							
5.	tube well							
6.	well							
7.	others							
8.	all							
9.	whether extent of irrigation is adequate? (yes-1, no-2, not required - 3)							
10.	if code 2 against sl. no. 9, reason therefor (code)							

CODES FOR BLOCK 8

cols. 3 - 7: crop: cereal- 01, pulses -02, oilseeds - 03 mixed crop - 04, sugarcane - 05, other crop - 06, vegetables - 07, fruits and nuts - 08, plantation - 09, fibre crop - 10, fodder - 11, others - 99.

col. 8: device used: pump (electric) -1, pump (diesel) -2, persian wheel -3, others -9.

sl. no. 10: reason for inadequacy: shortage of: water - 1, fund -2, power - 3, device - 4; others (specify) - 9.

[9] some particulars of farming resources used for cultivation during kharif							
sl. no.	resource	distance (code)	whether used? (yes-1, no-2)	if 1 in column (4)			whether testing facility available? (yes-1, no-2, not known - 3)
				whether available in time? (code)	whether adequately available? (yes-1, no-2)	quality (good-1, satisfactory -2, poor-3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	fertiliser						
2	organic manure						
3	improved seeds						
4.	pesticide						
5	veterinary service						

CODES FOR BLOCK 9

col.3: distance : within village - 1; outside village: less than 2 km - 2, 2 to 5 km - 3, 5 to 10 km - 4, 10 km to 20 km - 5, 20 km or more - 6.

col 5: whether available in time: available in time-1, available but not in time -2, not available -3

[10] use of energy during last 365 days				
sl. no.	activity	primary source of energy (code)	whether primary source is adequate? (yes-1, no-2)	secondary source of energy (code)
(1)	(2)	(3)	(4)	(5)
1.	ploughing			
2.	irrigation			
3.	harvesting			
4.	threshing			
5.	cane crushing			
6.	transport			
7.	cooking			
8.	lighting			

CODES FOR BLOCK 10

col.(3)/(5): primary/secondary source of energy: electricity - 1, diesel/petrol/kerosene - 2, solar - 3, LPG - 4, gobar gas - 5, dung cake - 6, firewood - 7, animal power - 8, others (specify:) - 9.

[12] access to modern agricultural technology									
sl. no.	source	whether accessed? (yes-1, no-2)	if '1' in col. (3), frequency of contact (code)	type of information received (code)	quality of information received (good - 1, satisfactory - 2, poor - 3)	whether received information was tried? (yes - 1, no - 2)	whether recommended practice has been adopted? (yes - 1, no - 2)	if '2' in col.(8), reasons for not adopting (code)	suggestions for improvement in extension services (code)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1.	participation in training programme								
2.	krishi vigyan kendra								
3.	extension worker								
4.	television								
5.	radio								
6.	newspaper								
7.	village fair								
8.	government demonstration								
9.	input dealer								
10.	other progressive farmers								
11.	farmers study tour								
12.	para technician/ private agency/NGO								
13.	primary cooperative society								
14.	output buyers/food processor								
15.	credit agency								
16.	others								

CODES FOR BLOCK 12

col.(4): frequency of contact: daily - 1, weekly - 2, monthly - 3, seasonally - 4, need based - 5, casual contact - 6.

col. (5): type of information received: cultivation: improved seed/variety - 11, fertilizer application - 12, plant protection (pesticide etc.) - 13, farm machinery - 14, harvesting/marketing - 15, others - 19.

animal husbandry : breeding - 21, feeding - 22, health care - 23, management - 24, others - 29.

fishery: seed production - 31, harvesting - 32, management and marketing - 33, others - 39.

col.(9): reasons for not adopting: lack of financial resources - 1, non-availability of input and physical resources - 2, lack of technical advice for follow-up - 3, difficulty in storage, processing and marketing of products - 4, not useful - 5, others - 9.

col.(10): suggestions for improvement in extension services: improvement in quality and reliability of information - 1, timeliness of information - 2, increase in frequency of demonstration - 3, improvement of quality of presentation - 4, improvement of professional competence of information provider - 5, others - 9.

[13] purchase and sale of productive assets during July to December 2002						
sl. no.	item	no. possessed on the date of survey	expenditure incurred (Rs)		income from sale (Rs)	total (Rs) (4+5-6)
			purchase	major repair		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>for farm business</i>						
1.	land					
2.	improvement of land					
3.	building for farm business					
4.	fish tank					
5.	cattle					
6.	buffalo					
7.	other large heads					
8.	sheep, goats, pigs & rabbits					
9.	poultry/duckery					
10.	other livestock					
11.	livestock and poultry (5 to 10)					
12.	sickle, chaff-cutter, axe, spade & chopper					
13.	plough					
14.	harrow, seed-drill, sprayer & duster					
15.	power tiller					
16.	tractor					
17.	thresher					
18.	canecrusher : power operated					
19.	canecrusher : others					
20.	oil crusher					
21.	pump : electric					
22.	pump : diesel, etc.					
23.	other water lifting equipment					
24.	others					
25.	agricultural machinery and implements (12 to 24)					
26.	total productive assets (1+2+3+4+11+25)					
<i>for non-farm business</i>						
27.	land and building for non-farm business					
28.	machinery and equipment					
29.	others					
30.	residential building including land					
31.	total (26+27+28+29+30)					

[14] expenses and receipts for cultivation during July to December 2002

crop		land (0.000 ha)	expenses (Rs)										receipts										
			seeds	pesti- cides /insec- ticides	fertil iser /man ure	irri- ga- tion	minor repair and mainte- nance of machinery and equipment	inte- rest	lease rent for land	labour		other ex- penses	total ex- penses (4 to 13)	output		sale of produce		value of by- pro- ducts (Rs)	total (16+19) (Rs)				
sl. no.	code	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	regular	(12)	(13)	(14)	quan- tity (kg)	value (Rs)	quan- tity (kg)	value (Rs)	(17)	(18)	(19)	(20)		
1.																							
2.																							
3.																							
4.																							
5.																							
6.																							
7.																							
8.																							
9.																							
10.																							
99.	all																						

CODES FOR BLOCK 14

column (2): crop code:

paddy	0101	papaya	0615	sunflower.....	1007
jowar	0102	guava.....	0616	safflower.....	1008
bajra	0103	almond.....	0617	soyabean.....	1009
maize	0104	walnut.....	0618	nigerseed.....	1010
ragi	0105	cashewnuts.....	0619	oil palm.....	1011
wheat	0106	apricot.....	0620	other oilseeds.....	1088
barley	0107	jackfruit.....	0621	cotton.....	1101
small millets	0108	lichi.....	0622	jute.....	1102
other cereals	0188	pineapple.....	0623	mesta.....	1103
gram	0201	watermelon.....	0624	sunhemp.....	1104
tur (arhar)	0202	musk melon.....	0625	other fibres.....	1188
urad	0203	bread fruits.....	0626	indigo.....	1201
moong	0204	ber.....	0627	other dyes & tan.	1288
masur	0205	bel.....	0628	materials.....	
horsegram	0206	mulberry (sahatoot).....	0629	opium.....	1301
beans (pulses)	0207	aonla (amla).....	0630	tobacco.....	1302
peas (pulses)	0208	other fruits.....	0688	other drugs & narcotics	1388
other pulses	0288	potato.....	0701	guar.....	1401
sugarcane	0401	tapioca (cassava).....	0702	oats.....	1402
palmvriah	0402	sweet potato.....	0703	green manures.....	1403
other sugar crops	0488	yam.....	0704	other fodder crops.....	1488
pepper (black)	0501	elephant foot yam.....	0705	tea.....	1501
chillies	0502	colocasia/arum.....	0706	coffee.....	1502
ginger.....	0503	other tuber crop.....	0707	rubber.....	1503
turmeric.....	0504	onion.....	0708	other plantation crops...	1588
cardamom (small).....	0505	carrot.....	0709	orchids.....	1601
cardamom (large).....	0506	radish.....	0710	rose.....	1602
betelnuts (arecanuts)..	0507	beetroot.....	0711	gladiolus.....	1603
garlic.....	0508	turnip (shalgam).....	0712	carnation.....	1604
coriander.....	0509	tomato.....	0713	marigold.....	1605
tamarind.....	0510	spinach.....	0714	other flowers.....	1688
cumin seed.....	0511	amaranths (chaulai).....	0715	asgandh.....	1701
fennel / anise seed.....	0512	cabbage.....	0716	isabgol.....	1702
nutmeg.....	0513	other leafy vegetable.....	0717	sena.....	1703
fenugreek.....	0514	brinjal.....	0718	moosli.....	1704
cloves.....	0515	peas (vegetable) (green)	0719	other medicinal plant...	1705
cinnamon.....	0516	lady's finger (bhindi)....	0720	lemon grass.....	1711
cocoa.....	0517	cauliflower.....	0721	mint.....	1712
kacholam.....	0518	cucumber.....	0722	menthol.....	1713
beetlvine.....	0519	bottle gourd (lauki).....	0723	eucalyptus.....	1714
other condi. & spices..	0588	pumpkin.....	0724	other aromatic plant....	1715
mangoes.....	0601	bitter gourd.....	0725	canes.....	1801
orange and kinu.....	0602	other gourds.....	0726	bamboos.....	1802
mosambi.....	0603	vench (guar).....	0727	other non-food crops...	1888
lemon / acid lime.....	0604	beans (green).....	0728		
other citreous fruits....	0605	drumstick.....	0729		
banana.....	0606	green chillies.....	0730		
table grapes.....	0607	other vegetables.....	0788		
wine grapes (black)....	0608	other food crop.....	0801		
apple.....	0609	groundnut.....	1001		
pear.....	0610	castorseed.....	1002		
peaches.....	0611	sesamum (til)	1003		
plum.....	0612	rapeseed & mustard	1004		
kiwi fruit.....	0613	(toria/ taramira)			
chiku	0614	linseed	1005		
		coconut.....	1006		

[15] expenses and receipts on farming of animals during last 30 days										
sl. no.	item	activity								
		dairy	sheep, goat, etc.	pig-gery	poul-try	duck-ery	fishery	bee-keep-ing	other live-stock	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<i>expenses (Rs)</i>										
1.	cost of seeds/ animals other than for productive purposes									
2.	feed									
3.	veterinary charges									
4.	interest									
5.	lease rent for land									
6.	labour charges	regular								
7.		casual								
8.	other expenses									
9.	total expenses (1 to 8)									
<i>receipts</i>										
10.	output	quantity	milk (lt)							
11.			egg (no)							
12.			fish (kg)							
13.			meat (kg)							
14.			wool (kg)							
15.			honey (kg)							
16.		value (Rs)	milk							
17.			egg							
18.			fish							
19.			meat							
20.			wool							
21.	honey									
22.	by-products (hide, bones, manure, etc.) (Rs)									
23.	sale of animal not used for productive purposes (Rs)									
24.	other receipts (Rs)									
25.	total receipts (16 to 24) (Rs)									

[16] expenses for non-farm business during last 30 days		
sl. no	item	expenses (Rs) during last 30 days
(1)	(2)	(3)
1.	NIC – 98 (two-digit code):	
2.	raw materials used for manufacturing	
3.	materials used for other activities	
4.	cost of commodities traded	
5.	articles used for food & drink preparation	
6.	petrol, diesel, lubricants, etc.	
7.	minor repair and maintenance of transport, machinery , equipment, building, furniture and fixtures and other fixed assets	
8.	electricity charges	
9.	fuel other than electricity	
10.	rent payable on machinery and equipment (other than land and building)	
11.	travelling, freight and cartage expenses	
12.	communication expenses (telephone, telegram, fax, postal, courier, e-mail, etc.)	
13.	consumable stores, packing materials , etc.	
14.	paper, printing and stationery expenses	
15.	service charges for work done by other establishments (e.g. legal, audit, advertising and other accounting services; warehousing expenses, etc.)	
16.	cost of own construction on building, furniture and fixtures, etc.	
17.	rent on land and building	
18.	interest	
19.	wages and salaries	
20.	other expenses	
21.	total expenses (2 to 20)	

[17] receipts for non-farm business during last 30 days		
sl. no	item	receipts (Rs) during last 30 days
(1)	(2)	(3)
1.	products and by-products manufactured	
2.	sale value of commodities traded	
3.	amounts receivable from contractor	
4.	receipts from sale of prepared food, refreshment and drinks	
5.	earnings from goods and passenger traffic	
6.	STD/courier, fax, etc. charges receivable from customers	
7.	receipts for educational activity like tuition fees, examination fees, capitation fees, etc.	
8.	receipts from consultation fees and medical services	
9.	receipts from services provided to others including commission charges	
10.	market value of own construction on building, furniture and fixtures, etc.	
11.	value of consumption of goods/services produced or traded for own use	
12.	rent receivable on plant and machinery and other fixed assets	
13.	other receipts	
14.	total receipts (1 to 13)	

[18] consumption of food, pan, tobacco and intoxicants during the last 30 days ended on						
code	item	quantity* (0.00)		value (Rs 0.00)		source code ^s
(1)	(2)	(3)		(4)		(5)
1	rice					
2	chira, khoi, lawa, muri, other rice products					
3	wheat					
4	atta, maida, suji, rawa, sewai, bread, other wheat products					
5	jowar					
6	jowar products					
7	bajra					
8	bajra products					
9	maize					
10	maize products					
11	barley					
12	barley products					
13	small millets					
14	small millets products					
15	ragi					
16	ragi products					
17	cereal: s.t. (1-16)					
18	cereal substitutes					
19	gram (full grain)					
20	gram products					
21	pulses					
22	pulse products (besan, other products, etc.)					
23	milk: liquid (litre)					
24	butter & ghee					
25	other milk products					
26	edible oil					
27	egg (no.)		00			
28	fish					
29	meat					
30	vegetables					
31	fresh fruits					
32	dry fruits					
33	sugar, gur, candy, honey					
34	salt					
35	spices (gm)		00			
36	beverages					
37	cooked meals					
38	other processed food & refreshments		×			

*Unit is kg unless otherwise specified

^sSource code: only purchase -1, only home-grown stock -2, both purchase and home-grown stock -3, only free collection -4, others -9.

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[18] consumption of food, pan, tobacco and intoxicants during the last 30 days ended on						
code	item	quantity* (0.00)		value (Rs 0.00)		source code ^s
(1)	(2)	(3)		(4)		(5)
39	food: s.t. (17 + total of items 18-38)	×				
40	pan (leaf and finished) (no.)		00			
41	supari, lime, katha and other ingredients for pan, and pan masala (gm)		00			
42	tobacco : leaf and hookah (gm)		00			
43	other tobacco products e.g. bidi, cigarettes, snuff etc.	×				
44	intoxicants		00			
45	food, pan, tobacco and intoxicants: s.t. (39 - 44)	×				
46	fuel and light	×				

* Unit is kg unless otherwise specified

^sSource code: only purchase -1, only home-grown stock -2, both purchase and home-grown stock -3, only free collection -4, others -9.

[19] consumption of clothing and footwear during the last 365 days ended on		
code	item	value (Rs)
(1)	(2)	(3)
47	clothing	
48	footwear	

[20] expenditure on education and medical (institutional) goods and services during the last 365 days ended on		
code	item	value (Rs)
(1)	(2)	(3)
49	education	
50	medical - institutional	

[21] expenditure on miscellaneous goods and services including medical (non-institutional), rents and taxes during the last <i>30 days</i> ended on		
code	item	value (Rs)
(1)	(2)	(3)
51	medical - non-institutional	
52	entertainment	
53	goods for personal care and effects	
54	toilet articles	
55	sundry articles	
56	consumer services excluding conveyance	
57	conveyance	
58	rent	
59	consumer taxes and cesses	
60	misc. goods & services: s.t. (51 - 59)	

[22] expenditure for purchase and construction (including repair and maintenance) of durable goods for domestic use during the last <i>365 days</i> ended on					
item		first-hand purchase		second-hand purchase	total expenditure (Rs) [(3)+(4)+(5)]
		value (Rs)	cost of raw materials and services for construction and repair (Rs)	value (Rs)	
code	description				
(1)	(2)	(3)	(4)	(5)	(6)
61	furniture & fixtures				
62	goods for recreation				
63	jewellery and ornaments				
64	crockery & utensils				
65	cooking and household appliances				
66	personal transport equipment				
67	therapeutic appliances				
68	other personal goods				
69	residential building, land and other durables				
70	durable goods : s.t. (61 - 69)				

Appendix – C

RURAL

CENTRAL

GOVERNMENT OF INDIA
NATIONAL SAMPLE SURVEY ORGANISATION
SOCIO-ECONOMIC SURVEY
FIFTY-NINTH ROUND: JANUARY - DECEMBER 2003
SCHEDULE 33: SITUATION ASSESSMENT SURVEY OF FARMERS

VISIT 2

[0] descriptive identification of sample household	
1. state/u.t.:	5. hamlet name:
2. district:	6. name of head of household:
3. tehsil:	7. name of informant:
4. village name:	

[1] identification of sample household						
item no.	item	code		item no.	item	code
1.	sl. number of sample village/ block			11.	FOD sub-region	
2.	round number	5	9	12.	sample hamlet-group number	
				13.	second stage stratum	
3.	schedule number	3	3	14.	visit number	2
4.	sample (central-1, state-2)	1		15.	sample household number	
5.	sector (rural - 1, urban - 2)	1		16.	sl. no. of informant (as in col.1, block 4)	
6.	state-region			17.	response code	
7.	district			18.	survey code	
8.	stratum number			19.	reason for casualty of household	
9.	sub-round			20.	no. of partitioned households, if partitioned after visit 1	
10.	sub-sample					

CODES FOR BLOCK 1

item 17: response code : co-operative and capable - 1, co-operative but not capable - 2, busy - 3, informant reluctant - 4, others - 9.

item 18: survey code : original - 1, casualty - 3.

item 19: reason for casualty of household : informant busy-1, members away from home-2, informant non-co-operative-3, others-9.

[2] particulars of field operation										
sl. no.	item	investigator			assistant superintendent			superintendent		
(1)	(2)	(3)			(4)			(5)		
1.	i) name (block letters)									
	ii) code									
2.	date(s) of :	DD	MM	YY	DD	MM	YY	DD	MM	YY
	(i) survey/inspection									
	(ii) receipt									
	(iii) scrutiny									
	(iv) despatch									
3.	number of addl. sheets attached									
4.	total time taken to canvass schedule 33 (in minutes)									
5.	signature									

[23] remarks by investigator

[24] remarks by supervisory officer(s)

[4] demographic and other particulars of household members

sl. no.*	name of member*	relation to head (code)	sex* (male-1, female-2)	age* (years)	marital status (code)	general education (code)	whether attended any formal training in agriculture? (yes - 1, no - 2)	whether engaged in farming during last 365 days* (yes-1, no-2)	if code '1' in col. 9, nature of work during last 365 days (code)			current weekly activity		wages and salary earnings (received or receivable) for the work done during last 7 days (Rs)		
									(10)	(11)	(12)	status code	NIC - 98 code (2 digits)	cash	kind	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)

* same as visit 1

CODES FOR BLOCK 4

- Col. (3) : relation to head: self-1, spouse of head-2, married child-3, spouse of married child-4, unmarried child-5, grandchild-6, father/mother/father-in-law/mother-in-law-7, brother/sister/brother-in-law/sister-in-law/other relatives-8, servants/employees/other non-relatives-9.
- Col.(6) : marital status code: never married - 1, currently married - 2, widowed - 3, divorced/separated - 4.
- Col. (7) : general education code : not literate - 01, literate without formal schooling - 02, literate but below primary - 03, primary - 04, middle - 05, secondary - 06, higher secondary - 07, diploma/certificate course - 08, graduate - 10, post graduate and above -11.
- Cols. (10), (11), (12): nature of work : working in cultivation: supervision - 01, ploughing - 02, sowing - 03, transplanting - 04, weeding - 05, harvesting - 06, other cultivation activities - 07; manual work in other agricultural activities: forestry - 08, plantation - 10, working in : dairy - 11, poultry - 12, pigery - 13, duckery - 14, fishery - 15, bee-keeping - 16, others - 99.
- Col.(13): status code: worked in hh enterprise (self-employed): own account worker - 11, employer - 12, worked as helper in hh enterprise (unpaid family worker) - 21, worked as regular salaried/wage employee - 31, worked as casual wage labour: in pub
- lic works - 41, in other types of work - 51, had work in hh enterprise but did not work due to: sickness - 61, other reasons - 62; had regular salaried/wage employment but did not work due to: sickness - 71, other reasons - 72; did not work but sought work - 81, did not seek but was available for work - 82, attended educational institution - 91, attended domestic duties only - 92, attended domestic duties and was also engaged in free collection of goods (vegetables, roots, firewood, cattle feed, etc.), sewing, tailoring, weaving, etc. for household use - 93, rentiers, pensioner, remittance recipients, etc. - 94, not able to work due to disability - 95, beggars, prostitutes - 96, others - 97, did not work due to temporary sickness (for casual workers only) - 98.

[7] particulars of land possessed during rabi								(in 0.000 ha)	
sl. no.	crop/allied	owned and possessed		leased-in		otherwise possessed		total (3+4+5)	
(1)	(2)	(3)		(4)		(5)		(6)	
1.	cultivation								
2.	orchards and plantation								
3.	allied (other than animal farming)								
4.	dairy								
5.	farming of goat, sheep etc.								
6.	piggery								
7.	poultry/ duckery								
8.	fishery								
9.	bee-keeping								
10.	farming of other animals								
11.	total (1 to 10)								

[8] area under irrigation during rabi								
sl. no.	crop item	description code	area (0.000 ha) under irrigation for crop					device used
			(3)	(4)	(5)	(6)	(7)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
source of irrigation								
1.	river/spring							
2.	canal							
3.	reservoir							
4.	tank							
5.	tube well							
6.	well							
7.	others							
8.	all							
9.	whether extent of irrigation is adequate? (yes-1, no-2, not required - 3)							
10.	if code 2 against sl. no. 9, reason therefor (code)							

CODES FOR BLOCK 8

cols. 3 - 7: crop: cereal- 01, pulses -02, oilseeds - 03 mixed crop - 04, sugarcane - 05, other crop - 06, vegetables - 07, fruits and nuts - 08, plantation - 09, fibre crop - 10, fodder - 11, others - 99.

col. 8: device used: pump (electric) -1, pump (diesel) -2, persian wheel -3, others -9.

sl. no. 10: reason for inadequacy: shortage of: water - 1, fund -2, power - 3, device - 4; others (specify) - 9.

[9] some particulars of farming resources used for cultivation during rabi							
sl. no.	resource	distance (code)	whether used? (yes-1, no-2)	if 1 in column (4)			whether testing facility available? (yes-1, no-2, not known - 3)
				whether available in time? (code)	whether adequately available? (yes-1, no-2)	quality (good-1, satisfactory -2, poor-3)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1	fertiliser						
2	organic manure						
3	improved seeds						
4.	pesticide						
5	veterinary service						

CODES FOR BLOCK 9

col.3: distance : within village – 1; outside village: less than 2 km – 2, 2 to 5 km – 3, 5 to 10 km – 4, 10 km to 20 km – 5, 20 km or more – 6.

col 5: whether available in time: available in time-1, available but not in time -2, not available -3

[13] purchase and sale of productive assets during January to June 2003						
sl. no.	item	no. possessed on the date of survey	expenditure incurred (Rs)		income from sale (Rs)	total (Rs) (4+5-6)
			purchase	major repair		
(1)	(2)	(3)	(4)	(5)	(6)	(7)
<i>for farm business</i>						
1.	land					
2.	improvement of land					
3.	building for farm business					
4.	fish tank					
5.	cattle					
6.	buffalo					
7.	other large heads					
8.	sheep, goats, pigs & rabbits					
9.	poultry/duckery					
10.	other livestock					
11.	livestock and poultry (5 to 10)					
12.	sickle, chaff-cutter, axe, spade & chopper					
13.	plough					
14.	harrow, seed-drill, sprayer & duster					
15.	power tiller					
16.	tractor					
17.	thresher					
18.	canecrusher : power operated					
19.	canecrusher : others					
20.	oil crusher					
21.	pump : electric					
22.	pump : diesel, etc.					
23.	other water lifting equipment					
24.	others					
25.	agricultural machinery and implements (12 to 24)					
26.	total productive assets (1+2+3+4+11+25)					
<i>for non-farm business</i>						
27.	land and building for non-farm business					
28.	machinery and equipment					
29.	others					
30.	residential building including land					
31.	total (26+27+28+29+30)					

[14] expenses and receipts for cultivation during January to June 2003

crop		expenses (Rs)										receipts							
		land (0.000 ha) (3)	seeds (4)	pesti- cides /insec- ticides (5)	fertil iser /man ure (6)	irri- ga- tion (7)	minor repair and mainte- nance of machinery and equipment (8)	inte- rest (9)	lease rent for land (10)	labour regular (11) casual (12)	other ex- penses (13)	total ex- penses (4 to 13) (14)	output quan- tity (kg) (15)	value (Rs) (16)	quan- tity (kg) (17)	value (Rs) (18)	value of by- pro- ducts (Rs) (19)	total (16+19) (Rs) (20)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)
1.																			
2.																			
3.																			
4.																			
5.																			
6.																			
7.																			
8.																			
9.																			
10.																			
99.	all																		

CODES FOR BLOCK 14

column (2): crop code:

paddy	0101	papaya	0615	sunflower.....	1007
jowar	0102	guava	0616	safflower.....	1008
bajra	0103	almond.....	0617	soyabean.....	1009
maize	0104	walnut.....	0618	nigerseed.....	1010
ragi	0105	cashewnuts.....	0619	oil palm.....	1011
wheat	0106	apricot.....	0620	other oilseeds.....	1088
barley	0107	jackfruit.....	0621	cotton.....	1101
small millets	0108	lichi.....	0622	jute.....	1102
other cereals	0188	pineapple.....	0623	mesta.....	1103
gram	0201	watermelon.....	0624	sunhemp.....	1104
tur (arhar)	0202	musk melon.....	0625	other fibres.....	1188
urad	0203	bread fruits.....	0626	indigo.....	1201
moong	0204	ber.....	0627	other dyes & tan.	1288
masur	0205	bel.....	0628	materials.....	
horsegram	0206	mulberry (sahatoot).....	0629	opium.....	1301
beans (pulses)	0207	aonla (amla).....	0630	tobacco.....	1302
peas (pulses)	0208	other fruits.....	0688	other drugs & narcotics	1388
other pulses	0288	potato.....	0701	guar.....	1401
sugarcane	0401	tapioca (cassava).....	0702	oats.....	1402
palmvriah	0402	sweet potato.....	0703	green manures.....	1403
other sugar crops	0488	yam.....	0704	other fodder crops.....	1488
pepper (black)	0501	elephant foot yam.....	0705	tea.....	1501
chillies	0502	colocasia/arum.....	0706	coffee.....	1502
ginger.....	0503	other tuber crop.....	0707	rubber.....	1503
turmeric.....	0504	onion.....	0708	other plantation crops...	1588
cardamom (small).....	0505	carrot.....	0709	orchids.....	1601
cardamom (large).....	0506	radish.....	0710	rose.....	1602
betelnuts (arecanuts)..	0507	beetroot.....	0711	gladiolus.....	1603
garlic.....	0508	turnip (shalgam).....	0712	carnation.....	1604
coriander.....	0509	tomato.....	0713	marigold.....	1605
tamarind.....	0510	spinach.....	0714	other flowers.....	1688
cumin seed.....	0511	amaranths (chaulai).....	0715	asgandh.....	1701
fennel / anise seed.....	0512	cabbage.....	0716	isabgol.....	1702
nutmeg.....	0513	other leafy vegetable.....	0717	sena.....	1703
fenugreek.....	0514	brinjal.....	0718	moosli.....	1704
cloves.....	0515	peas (vegetable) (green)	0719	other medicinal plant...	1705
cinnamon.....	0516	lady's finger (bhindi)....	0720	lemon grass.....	1711
cocoa.....	0517	cauliflower.....	0721	mint.....	1712
kacholam.....	0518	cucumber.....	0722	menthol.....	1713
beetlvine.....	0519	bottle gourd (lauki).....	0723	eucalyptus.....	1714
other condi. & spices..	0588	pumpkin.....	0724	other aromatic plant....	1715
mangoes.....	0601	bitter gourd.....	0725	canes.....	1801
orange and kinu.....	0602	other gourds.....	0726	bamboos.....	1802
mosambi.....	0603	vench (guar).....	0727	other non-food crops...	1888
lemon / acid lime.....	0604	beans (green).....	0728		
other citreous fruits....	0605	drumstick.....	0729		
banana.....	0606	green chillies.....	0730		
table grapes.....	0607	other vegetables.....	0788		
wine grapes (black)....	0608	other food crop.....	0801		
apple.....	0609	groundnut.....	1001		
pear.....	0610	castorseed.....	1002		
peaches.....	0611	sesamum (til)	1003		
plum.....	0612	rapeseed & mustard			
kiwi fruit.....	0613	(toria/ taramira)	1004		
chiku	0614	linseed	1005		
		coconut.....	1006		

[15] expenses and receipts on farming of animals during last 30 days										
sl. no.	item	activity								
		dairy	sheep, goat, etc.	pig-gery	poul-try	duck-ery	fishery	bee-keep-ing	other live-stock	total
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
<i>expenses (Rs)</i>										
1.	cost of seeds/ animals other than for productive purposes									
2.	feed									
3.	veterinary charges									
4.	interest									
5.	lease rent for land									
6.	labour charges	regular								
7.		casual								
8.	other expenses									
9.	total expenses (1 to 8)									
<i>receipts</i>										
10.	output	quantity	milk (lt)							
11.			egg (no)							
12.			fish (kg)							
13.			meat (kg)							
14.			wool (kg)							
15.			honey (kg)							
16.		value (Rs)	milk							
17.			egg							
18.			fish							
19.			meat							
20.			wool							
21.	honey									
22.	by-products (hide, bones, manure, etc.) (Rs)									
23.	sale of animal not used for productive purposes (Rs)									
24.	other receipts (Rs)									
25.	total receipts (16 to 24) (Rs)									

[16] expenses for non-farm business during last 30 days		
sl. no	item	expenses (Rs) during last 30 days
(1)	(2)	(3)
1.	NIC – 98 (two-digit code):	
2.	raw materials used for manufacturing	
3.	materials used for other activities	
4.	cost of commodities traded	
5.	articles used for food & drink preparation	
6.	petrol, diesel, lubricants, etc.	
7.	minor repair and maintenance of transport, machinery , equipment, building, furniture and fixtures and other fixed assets	
8.	electricity charges	
9.	fuel other than electricity	
10.	rent payable on machinery and equipment (other than land and building)	
11.	travelling, freight and cartage expenses	
12.	communication expenses (telephone, telegram, fax, postal, courier, e-mail, etc.)	
13.	consumable stores, packing materials , etc.	
14.	paper, printing and stationery expenses	
15.	service charges for work done by other establishments (e.g. legal, audit, advertising and other accounting services; warehousing expenses, etc.)	
16.	cost of own construction on building, furniture and fixtures, etc.	
17.	rent on land and building	
18.	interest	
19.	wages and salaries	
20.	other expenses	
21.	total expenses (2 to 20)	

[17] receipts for non-farm business during last 30 days		
sl. no	item	expenses (Rs) during last 30 days
(1)	(2)	(3)
1.	products and by-products manufactured	
2.	sale value of commodities traded	
3.	amounts receivable from contractor	
4.	receipts from sale of prepared food, refreshment and drinks	
5.	earnings from goods and passenger traffic	
6.	STD/courier, fax, etc. charges receivable from customers	
7.	receipts for educational activity like tuition fees, examination fees, capitation fees, etc.	
8.	receipts from consultation fees and medical services	
9.	receipts from services provided to others including commission charges	
10.	market value of own construction on building, furniture and fixtures, etc.	
11.	value of consumption of goods/services produced or traded for own use	
12.	rent receivable on plant and machinery and other fixed assets	
13.	other receipts	
14.	total receipts (1 to 13)	

[18] consumption of food, pan, tobacco and intoxicants during the last 30 days ended on						
code	item	quantity* (0.00)		value (Rs 0.00)		source code [§]
(1)	(2)	(3)		(4)		(5)
1	rice					
2	chira, khoi, lawa, muri, other rice products					
3	wheat					
4	atta, maida, suji, rawa, sewai, bread, other wheat products					
5	jowar					
6	jowar products					
7	bajra					
8	bajra products					
9	maize					
10	maize products					
11	barley					
12	barley products					
13	small millets					
14	small millets products					
15	ragi					
16	ragi products					
17	cereal: s.t. (1-16)					
18	cereal substitutes					
19	gram (full grain)					
20	gram products					
21	pulses					
22	pulse products (besan, other products, etc.)					
23	milk: liquid (litre)					
24	butter & ghee					
25	other milk products					
26	edible oil					
27	egg (no.)		00			
28	fish					
29	meat					
30	vegetables					
31	fresh fruits					
32	dry fruits					
33	sugar, gur, candy, honey					
34	salt					
35	spices (gm)		00			
36	beverages					
37	cooked meals					
38	other processed food & refreshments		×			
39	food: s.t. (17 + total of items 18-38)		×			

* Unit is kg unless otherwise specified

§ Source code: only purchase -1, only home-grown stock -2, both purchase and home-grown stock -3, only free collection -4, others -9.

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[18] consumption of food, pan, tobacco and intoxicants during the last 30 days ended on					
code	item	quantity* (0.00)		value (Rs 0.00)	source code [§]
(1)	(2)	(3)		(4)	(5)
40	pan (leaf and finished) (no.)		00		
41	supari, lime, katha and other ingredients for pan, and pan masala (gm)		00		
42	tobacco : leaf and hookah (gm)		00		
43	other tobacco products e.g. bidi, cigarettes, snuff etc.	×			
44	intoxicants		00		
45	food, pan, tobacco and intoxicants: s.t. (39 - 45)	×			
46	fuel and light	×			

* Unit is kg unless otherwise specified

§Source code: only purchase -1, only home-grown stock -2, both purchase and home-grown stock -3, only free collection -4, others -9.

[19] consumption of clothing and footwear during the last 365 days ended on		
code	item	value (Rs)
(1)	(2)	(3)
47	clothing	
48	footwear	

[20] expenditure on education and medical (institutional) goods and services during the last 365 days ended on		
code	item	value (Rs)
(1)	(2)	(3)
49	education	
50	medical - institutional	

[21] expenditure on miscellaneous goods and services including medical (non-institutional), rents and taxes during the last <i>30 days ended on</i>		
code	item	value (Rs)
(1)	(2)	(3)
51	medical - non-institutional	
52	entertainment	
53	goods for personal care and effects	
54	toilet articles	
55	sundry articles	
56	consumer services excluding conveyance	
57	conveyance	
58	rent	
59	consumer taxes and cesses	
60	misc. goods & services: s.t. (51 - 59)	

[22] expenditure for purchase and construction (including repair and maintenance) of durable goods for domestic use during the last <i>365 days ended on</i>					
item		first-hand purchase		second-hand purchase	total expenditure (Rs) [(3)+(4)+(5)]
		value (Rs)	cost of raw materials and services for construction and repair (Rs)	value (Rs)	
code	description				
(1)	(2)	(3)	(4)	(5)	(6)
61	furniture & fixtures				
62	goods for recreation				
63	jewellery and ornaments				
64	crockery & utensils				
65	cooking and household appliances				
66	personal transport equipment				
67	therapeutic appliances				
68	other personal goods				
69	residential building, land and other durables				
70	durable goods : s.t. (61 - 69)				