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Input Survey in Uttarakhand

Year: 2006-07



Govt. of Uttarakhand

(Agricultural Census Division)
Board of Revenue, Uttarakhand,
Dehradun

Preface

The Input Survey being of follow up survey of Agricultural Census is being conducted in the state quinquennially since 1976-77 with the financial support of the Govt. of India. The objective of the survey is to collect information on application of various inputs such as chemical fertilizers, farm yard manures, Pesticide, Livestock, Agricultural implements & machinery, Agricultural credit etc.

The input survey 2006-07 being the seventh in the series was conducted during July 2006 to March 2007 covering 1133 sample villages in the state under the guidance of agriculture Census Division, Board of Revenue, Uttarakhand Dehradun. The data was collected from operational holdings of sample villages with the concerted efforts of the statistical and Revenue official at the state/district/tehsil level. I thank them for their contribution. I would also thank NIC/ DOEACC Kolkata for computerization & generation of final tables of the input survey.

The Agricultural Census Division is now working under the administrative control of Chairman, Board of Revenue,. The report on Input Survey, 2006-07 has been prepared in this Division.

I would like to thank Dr. Ajay Kumar Sharma, Joint Director, Agricultural census, Sri B. S. Negi Assistant Director, Agricultural census Division for analyzing the data, drafting & editing of the report to bring it in present form.

I hope this report will be useful to planners, policy makers & researches in future planning of policy making.

*(Shri Shubhash Kumar)
Chairman
Board of Revenue, Uttarakhand*

HIGHLIGHTS

The highlights are based on the input Survey 2006-07 covering 1133 sample villages of the state being surveyed during July 2006 to March 2007. The data from the operational holders of the above villages on different indicates are collected & estimated.

- 1. According to Input Survey 2006-07 the total number of operational holdings in the state were 9.18 lakh against the operated of 8.47 ha. (excluding institutional holding)*
- 2. The total number of parcels is estimated shares of size classes- Marginal, Small, Semi-Medium, Medium & Large are 3.11, 7.02, 8.44, 9.21 & 20.23 respectively.*
- 3. The percentage of cropped once was 28.06 while are cropped twice was 70.33. However the percentage of area cropped more than twice was 1.62. Similarly against Un- irrigated area, the area cropped once constituted 37.87 where as the remaining 62.13 belonged to area cropped more than once.*
- 4. About 87.35 of the irrigated area to the total gross cropped irrigated area under all size groups was treated with chemical fertilizer, where as the corresponding figure for un-irrigated area was 3.59. As regards application of Farm Yard Manure (FYM), it is found that about 31.04 of gross cropped irrigated area was received FYM against to corresponding figure of 91.22 in un irrigated area. About pesticides, 50.67 of the irrigated area was treated with pesticides as against 0.94 in un irrigated area.*
- 5. The use of N (Nitrogen) for all crops under irrigated area was estimated as 19.08 kg/ha. which is higher compared to un irrigated area where the rate of use was 1.46 kg/ha. the rate of application of P for all crops was 5.12 kg/ha in irrigated area against 1.36 kg/ha in un irrigated area. The application of K in irrigated area was 37.42 kg/a against 0.06 kg/ha in un irrigated area for all crops.*
- 6. The number of cattle, buffaloes, sheep, goats, horse & ponies, mules, donkeys, pigs & poultry held by the operational holders during 2006-07 for all size groups was estimated as 7.23, 5.85, 2.48, 13.38, 0.15, 0.52, 0.01, 0.06 and 6.76 respectively.*
- 7. The percentage number of operational holdings who took institutional credit for agricultural purposes to total operational holdings was 0.94 for all size groups, where as the corresponding figure for marginal, small, semi-medium, medium holdings and large were 6.74, 14.62, 23.22, 36.26 and 41.71.*

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CHAPTER-ONE

1.1 INTRODUCTION

The collection and maintenance of data on AGRICULTURAL HOLDINGS assumes greater importance for making various policies relating to land at the Govt. level. Accordingly the Agricultural Census Division has been conducting periodic Agricultural Censuses since 1970-71, being sponsored by the Deptt. Of Agricultural & Cooperation, Govt. of India. In addition to Agricultural Census, Input Survey is also being conducted as a follow up survey of Census since 1976-77 quinquennially. The input Survey 2006-07 was the seventh in the series & was conducted during July 2006 to March 2007 in the state.

1.2 OBJECTIVE OF THE SURVEY

Objective -The primary objective of the Survey is to provide information on levels of consumption of various inputs like chemical fertilizers, farm yard manure/compost, pesticides, agricultural implements and machinery, livestock and agricultural credit etc. by major size groups of holdings. Information is also collected on the extent of scatteredness of holdings. In this survey, the data were collected for the five major size groups of operational holdings, viz., marginal (below 1 ha.), small (1 - 2 ha.), semi-medium (2-4 ha.), medium (4-10 ha.) and large (10 ha. and above). This information is, inter-alia, required for planning the production, imports, distribution and stocks of important inputs such as fertilizers, pesticides, credit etc.

1.3 COVERAGE

In Input Survey 2006-07, the entire state was covered. All kinds of agricultural holdings except institutional holdings, i.e. individual and joint holdings only were covered. In addition, 'purely current fallow holdings', resident cultivators of the urban areas and deemed resident cultivators of the selected villages were kept out of the purview of Input Survey 2006-07.

1.4 UNIT OF COLLECTION DATA

The basic unit for which data for various parameters of the Input Survey were collected was the 'operational holding' as distinct from the 'ownership holding'.

1.5 REFERENCE PERIOD

The reference period for this Survey was the agricultural year 2006-07 (July, 2006 to June, 2007). The data was collected in two visits separately for kharif and rabi seasons of 2006-07 immediately after the agricultural operations for kharif and rabi were over in order to minimize informant bias on account of memory lapse. The reference data for agricultural implements and machinery and livestock was 15th October, 2006.

1.6 SAMPLING DESIGN

As stated above, the Input Survey relates to the collection of data on application of various inputs such as fertilizers, pesticides etc. in the cultivation of different food and non-food crops as also regarding multiple cropping, inventory of agricultural machinery and implements, livestock, agricultural credit etc.

The sampling design for the Input Survey 2006-07 was a two-stage random sample, one with village as the first stage and the operational holding as the second stage. In each block/tehsil, the sampling was, thus, to be performed at two stages- a

sample of villages and a sub-sample of operational holdings in the sample villages. The ultimate sampling unit was an operational holding.

1.7 SAMPLE SIZE AND METHODOLOGY

The number of villages covered for the Input Survey 2006-07 was 7 percent of the total number of villages in the States. The 7 percent villages were selected randomly with Tehsil as the stratum from out of the 20 percent villages already selected and canvassed for the Agricultural Census 2006-07. In a selected village, all the operational holdings were grouped into following five groups:-

i	Below 1 ha.
ii	1 ha. and above but below 2 ha.
iii	2 ha. and above but below 4 ha.
iv	4 ha. and above but below 10 ha. and
v	10 ha. and above.

Four operational holdings were selected from each of the above five size groups of holdings. The selection was made at random separately from each of these size groups. If in a particular size group, the total number of operational holdings were less than 4, then all the holdings of that size group was covered. The data for Input Survey was collected through field enquiries from these selected operational holders.

The estimates for Input Characteristics were prepared at district level. In case the district level estimates were pooled to arrive at State level estimates. For rabi survey, enumerators would cover the same operational holdings which were covered in kharif season. In case the size of selected holdings changed during the reference period, the area obtained in kharif season was taken as standard. For example, if a particular holding X in the size group 1 to 1.99 ha. (small holding) was divided into smaller holdings in such a way that the adjoining sub-divided holdings belonged to different size classes (marginal holding) then the enumerator would select another holding randomly from the same size group of 1 to 1.99 ha. in place of holding X. After that, the required information for rabi season as well as kharif would be collected for that area of kharif.

1.8 UNIT OF ENUMERATION

The data were collected in respect of each operational holding, which has been defined as “all land which is used wholly or partly for agricultural production and is operated as one technical unit by one person alone or with others, without regard to the title, legal form, size or location”. The technical unit has been defined as “that unit which is under the same management and has the same means of production such as labour force, machinery and animals”. Thus, the actual cultivator and not the owner is the unit for collection of data.

1.9 SAMPLE VILLAGES

The number of villages covered for the Input Survey was roughly 7 percent of the total number of villages in the State. These villages were randomly selected with

the tehsil, block as the stratum from out of the 20 percent villages already selected for Agricultural Census 2006-07.

In case, some uninhabited villages come in the sample for Input Survey, such villages have to be substituted. At the time of estimation, however, the uninhabited villages should be included in the total number of villages for arriving at the multiplication factors.

1.10 ITEM COVERAGE

Under the Input Survey, information was collected for five major size groups of operational holdings on the following items:-

- i) Number of parcels;
- ii) Multiple cropping, separately for irrigated and un-irrigated.
- iii) Use of chemical fertilizers, organic manures and pesticides separately for irrigated and un-irrigated areas under major crops (area covered and quantity used)
- iv) Livestock (Numbers)
- v) Agricultural machinery and implements
- vi) Agricultural credit and
- vii) Seeds.

1.11 COMPUTERIZATION

After completion of survey, the filled in schedules were scrutinized at the Board Of Revenue, Uttarakhand level to correct the errors and sent to the data entry house for computerization under the technical guidance of DOEACC (formerly RCC), Kolkata as appointed by the Government of India and National Information Center (NIC). New Delhi. The computerized data were subsequently validated and sent to the RCC Kolkata for estimation and generation of tables/results for the state/district according to tabulation plan of the Government of India.

1.12 CONTENTS OF THE REPORT

This is the seventh report on Input Survey 2006-07. Chapter-2 brings out the concepts and definition followed in the survey. Chapter-3 indicates limitations of data collected under the survey, were as Chapter-4 reflects summery of findings on use of chemical. Fertilizer, farm yard manures, pesticides, livestock, Agricultural implements & machinery, Agricultural credit including coverage of multiple cropping. The district level statuses are also presented in the chapter-4. The detail tables are presented in annexure, which gives estimates separately for different size groups of operational holdings.

CHAPTER-TWO

CONCEPTS AND DEFINATIONS

2.1 OPERATIONAL HOLDING

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

2.2 TECHNICAL UNIT

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

2.3 AGRICULTURAL PRODUCTION

Agricultural production includes growing of field crops, fruits, seeds, tree nurseries (except those of forest trees), vegetables, production tea, rubber, oilseeds, fodder grass etc.

2.4 OPERATED AREA

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

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

Operated area would exclude government forest land, government waste land, village common grazing land, abadi area etc. If government wasteland is allotted to an individual then it will be included in the holding.

If the entire area of the holding (the area of all the survey numbers of an operational holding) is put to non-agricultural use and/ or it is under old fallow, it will not be considered as operated area. If however, the entire area of operational holding is under current fallow during the reference year but was cultivated in the preceding year, this would still be considered as operational holding. If the entire cultivated area is under current fallow land and other fallow land are also there, this will be treated as operational holding.

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

There might be cases where in the records, a holding is shown jointly in the name of more than one co-share, while in fact the land may have been privately divided and the co-sharers are independently cultivating. In such

cases where there is no dispute, they should be treated as many operational holdings as the number of independent cultivators. This is necessary because in Agricultural Census the data is to be collected on the basis of de facto position rather than de jure position.

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

For cultivated area in the state Forest, no detailed land records are prepared. In the absence of revenue records and revenue agency such areas are excluded for Census purpose.

The operated area may comprise of:

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

2.5 OPERATIONAL HOLDER

An operational holder is the person who has the responsibility for the operation of the agricultural holdings and who exercise the technical initiative and is responsible for its operation. He may have full economic responsibility or may share it with others. The operational holder may be individual/joint/institutional.

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

2.6 PARCEL

A parcel is all land entirely surrounded by land of other holdings or by land not forming part of any holding. It may consists of one or more cadastral units, plots or fields.

2.7 RESIDENTIAL AND NON-RESIDENTIAL OPERATIONAL HOLDING

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

An operational holder operating some area which lies entirely outside the block in which his village of residence fall will not be treated as a resident

cultivator of the village of his residence for Agriculture Census purpose. He will be treated, as a resident cultivator of the village outside the block where the area operated by him is located.

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

2.8 COMPLETE/PART-HOLDING

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

2.9 WHOLLY IRRIGATED, PARTLY IRRIGATED AND WHOLLY UN-IRRIGATED HOLDINGS

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

2.10 LAND UTILIZATION

Operated area would be classified into six broad categories:

Net area sown

Current fallow

Fallow land other than current fallow

Other uncultivated land excluding fallow land

Culturable waste and

Land not available for cultivation

- (i) **Net area sown:-** Total area sown with crops and orchards counting area sown more than once in the same year only once.
- (ii) **Current fallow:-** Cropped area, which are kept fallow during the current year but was cultivated in the previous year. For example with any seeding area is not cropped in the same year, it may be treated as current fallow.
- (iii) **Fallow land other than current fallow:-** All lands, which area taken up for cultivation but are temporarily out of cultivation for a period of not less than one year and not more than five years. The reasons for keeping such lands fallow may be one or more of the following:
 - a) Poverty of the cultivator
 - b) Inadequate supply of water
 - c) Malaria climate
 - d) Silting of canals and rivers and
 - e) Un remunerative nature of farming

- (iv) **Other uncultivated land excluding fallow:** This will included:
- a) **Permanent pastures and other grazing lands:** All grazing lands, whether they are permanent pastures and meadows or not. Village common grazing lands would, however, be excluded.
 - b) **Land under Miscellaneous Tree crops:** Cultivated land, which is not included in the net area sown but is put to some agricultural use. Land under casuarinas trees, thatching grasses, bamboo bushes and other groves for fuel which are not include under, 'Orcheds' would be covered under this category.
- (v) **Culturable Waste:** All lands available for cultivation whether not taken up for cultivation or taken up for cultivation one but not cultivated during the current year and the last five years or more in succession for one reason or other. Such lands may be either wholly or partly covered with shrubs and jungles, which are not put to any use Land once cultivated for five years in succession would also be included in this category.
- (vi) **Area not available for cultivation:** This would include Forest area under non-agricultural use, barren and uncultivable land.
- a) **Forest:** All lands classed as 'Forests' under any legal enactment dealing with forests or administered as forests whether State owned or private and whether wooded or maintained as potential forest land. The area of crops raised in the forest and grazing land or areas open for grazing with the forest would be included under the forest area. Only private forest would be covered for the purpose of Agricultural Census.
 - b) **Area under Non-Agriculture Use:** All lands occupied by buildings or ponds or lands put to use other than agriculture will be included in this category. Only such lands within the cultivated holding should be covered in the Census.
 - c) **Barren and Uncultivable Land:** All barren and uncultivable land within the cultivated holding.

CHAPTER-THREE

LIMITATIONS OF DATA

- 3.1** The Institutional holdings were not covered in the Survey. As such the estimated number of operational holdings & operated area on Input Survey, 2006-07 should be less than that of Agricultural census, 2005-06
- 3.2** The Input Survey was confined to resident cultivators only.
- 3.3** An operational holding may be treated wholly, partly or not treated at all with fertilizers /organic manures/ pesticides etc. For the purpose of the survey, holdings were classified as treated or not treated with fertilizers /organic manures /pesticides etc. Accordingly, partly treated holdings were also considered as wholly treated.
- 3.4** The 'Purely Current Fallow' holdings have not been included in the Input Survey contrary to Agricultural Census.

CHAPTER-FOUR

SUMMARY OF FINDINGS

DISPERSAL OF OPERATIONAL HOLDINGS

4.1 Distribution of Operational Holdings and Operated Area

4.1.1 According to Input Survey 2006-07, the total number of operational holdings was 9.18Lakh against the operated area of 8.52 ha. (excluding Institutional holdings). The corresponding figures as per Agriculture Census 2005-06 were 9.21Lakh against the operated area of 8.47 Lakh ha.

4.1.2 Thus both the surveys were close in estimating the total number of holdings and operated area in the country. Since in Input Survey, institutional holdings and other type of holdings, like holdings held by deemed cultivators are excluded, it is normally expected that the estimates of number and area of holdings as per Input Survey should be less than the corresponding data of Agriculture Census, although Input Survey is carried out after one year of the Agriculture Census.

4.2 Dispersal of Operational Holdings

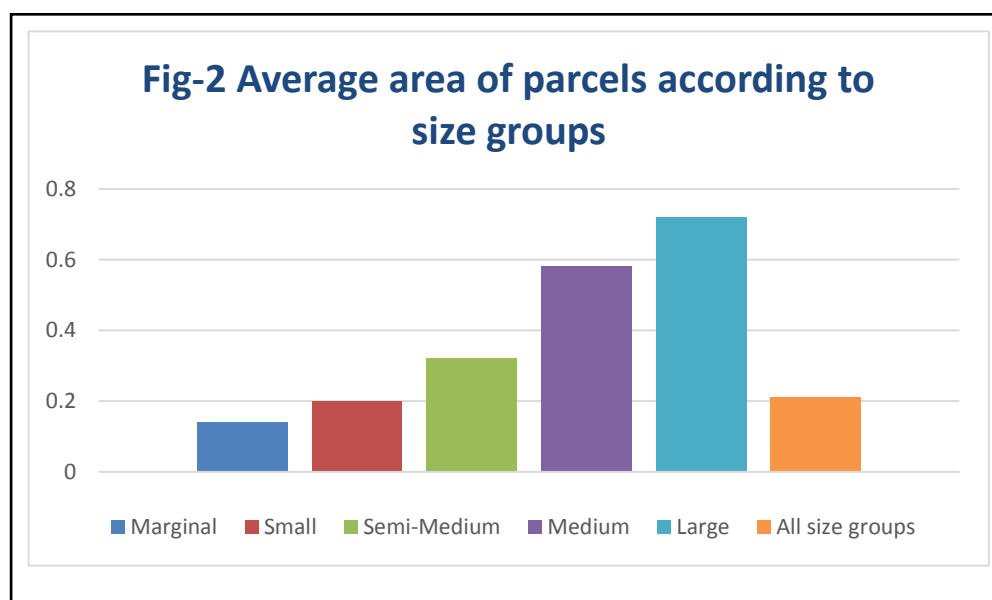
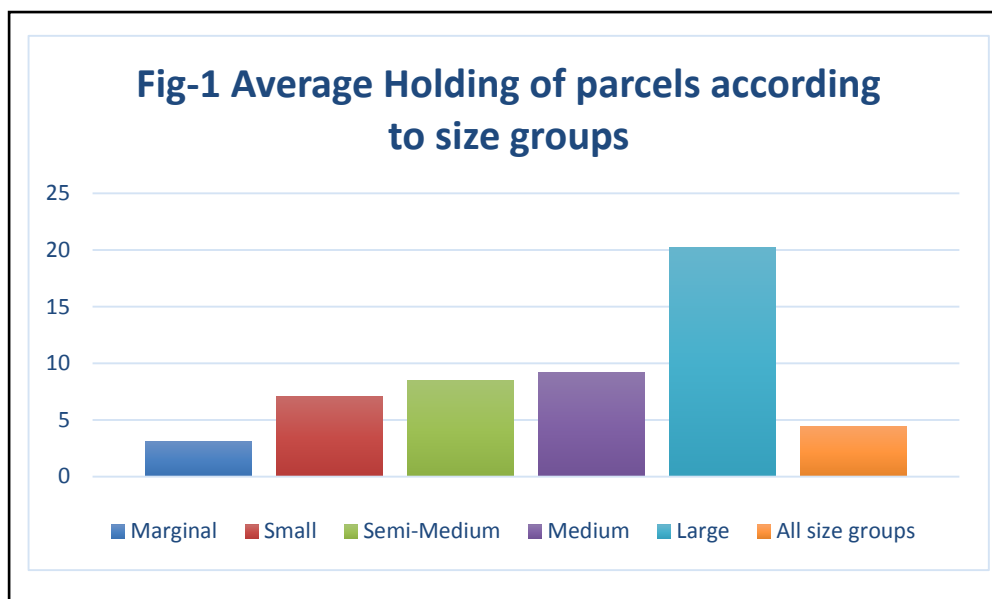
4.2.1 A parcel has been defined as “all land entirely surrounded by land of other holdings or land not forming part of any holding”. It may consist of one or more cadastral units or fields and may not be synonymous with survey number. Three or four adjoining survey numbers could make one parcel but two survey numbers of the same village, not adjacent to each other, would make two parcels.

4.2.2 An operational holding may consist of one or more than one parcels. The more the number of parcels, the more scattered will be the operational holding. All the parcels comprising an operational holding may lie within the village of residence of the holder or might even be spread over one or more other villages.

4.2.3 The data on number of parcels was collected by interviewing the selected operational holder with a view to have information about the dispersal of operational holdings in different parts of the State. However, the outer limit for collecting the information in Input Survey was restricted to the district. Since an operational holding will have at least one parcel, the average number of parcels per operational holding cannot be less than one. The distribution of average number of parcels, average area per parcel and average area per holding in different size groups of as per Input Survey 2006-07, may be seen in the table 4.2.

Table 4.2: Average number of parcels, average area per parcel and area per holding

Sl. No.	Size Groups	No. of parcels per holding	Area per parcel (in ha.)	Area per holding (in ha.)
1.	Marginal	(2041136) 3.11	0.14	0.43
2.	Small	(1141875) 7.02	0.20	1.40
3.	Semi-Medium	(654956) 8.44	0.32	2.69
4.	Medium	(195306) 9.21	0.58	5.34
5.	Large	(23430) 20.23	0.72	14.58
6.	All size groups	(4056703) 4.42	0.21	0.92



4.2.4 From the table 4.2 it may be seen that the number of parcels per holding for all size groups was 4.42 in 2006-07 area per Parcel is 0.21 ha. and area per holding was 0.92 ha. This shows that the number of parcels per holding had decreased. This may be due to the selling of some of the parcels by the operational holders. The corresponding figures for marginal, small, semi-medium, medium and large holdings for 2006-07 were 3.11, 7.02, 8.44, 9.21 and 20.23 respectively.

4.2.5 The average area per parcel for all groups at all State level was 0.21 ha. during 2006-07. The corresponding figures (in hectare) for marginal, small, semi-medium, medium and large holdings in 2006-07 had been observed as 0.14, 0.20, 0.32, 0.58 and 0.72 respectively.

4.2.6 The average operated area per holding for all size groups at all State level was 0.92 ha. in 2006-07. The corresponding figures for marginal, small, semi-medium,

medium and large holdings in 2006-07 had been observed 0.43, 1.40, 2.69, 5.34 and 14.58ha.

4.3 Extent of Multiple Cropping

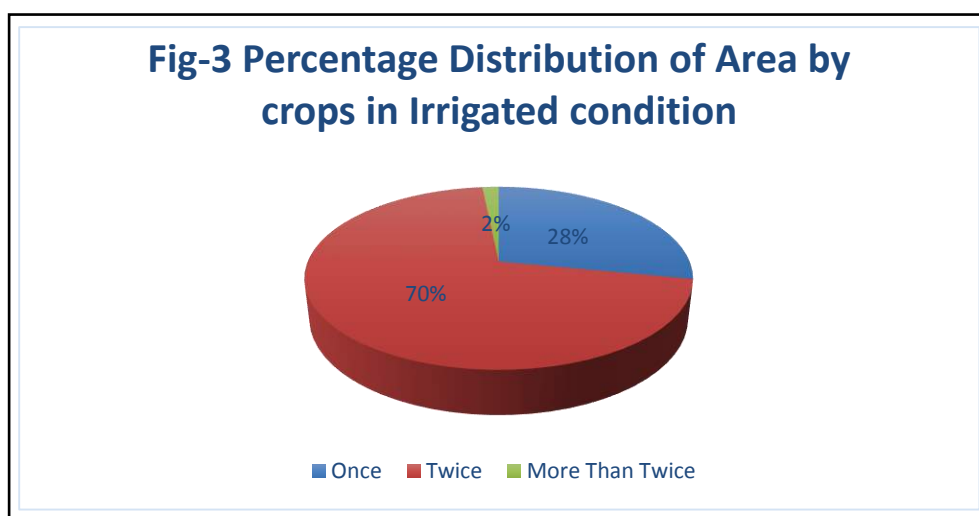
4.3.1 In State there are mainly two cropping seasons in a year viz., Kharif and Rabi. The Kharif season is normally spread from May to mid-October and the Rabi season is from mid-October to mid-April. A cultivator may raise two crops on his operational holding during the agriculture year-one in Kharif season and another in Rabi season. In some Districts during the period from May to April, more than two crops are also grown. Then the cultivator is said to have cropped his holding twice or more and gross cropped area will be twice or more the net area sown depending upon the number of times the crops have been taken. Similarly, when a cultivator raises three crops during the entire crop season, gross cropped area will be thrice the net sown area. In practice, multiple cropping has been found to have a positive correlation with the availability of irrigation facilities.

4.3.2 The percentage area cropped once was about 28.06 percent while cropped twice was 70.33 percent. The remaining net irrigated area i.e. cropped more than twice was 1.62 percent.

4.3.3 The percentage distribution of net sown area by Irrigated cropped once, twice and more than twice may be seen in the table 4.3.

Table 4.3: Distribution of net sown area by number of crops in Irrigated condition

Sl.No.	Size Groups	Percentage of area cropped			Net sown area
		Once	Twice	More Than Twice	
1.	Marginal	24.40	74.68	0.92	100.00
2.	Small	29.95	68.79	1.26	100.00
3.	Semi-medium	30.26	67.40	2.35	100.00
4.	Medium	28.62	69.39	2.00	100.00
5.	Large	20.51	78.72	0.77	100.00
6.	All sizes	28.06	70.33	1.62	100.00



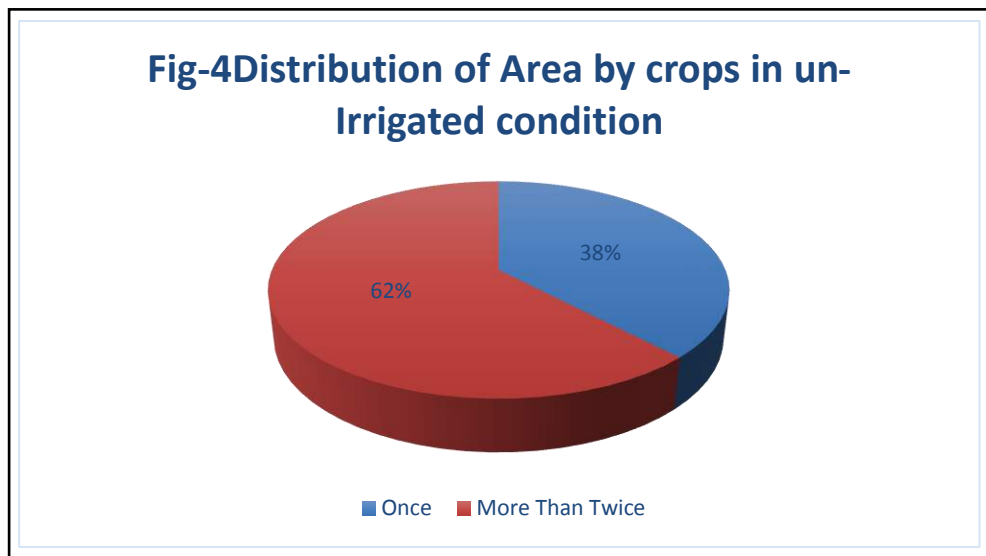
4.3.4 It may be seen from table 4.3 that the percentage of area cropped once to the net sown area was about 24.40 percent each in the case of marginal, 29.95 percent small, semi-medium holdings the highest one was about 30.26 percent in holding

percentage. The medium holdings is 28.62 percent, the large holdings 20.51 percentage of about 28.06 percent. The percentage of area cropped once more or less decreased with the increase of size of holdings. The percentage of area cropped twice was the highest in the case of semi-medium holdings 67.40 percent and the lowest, i.e. about 78.72 percent in the case of large holding. The percentage of area cropped thrice was the highest in the case semi- medium holdings, i.e. 0.77 percent and lowest in the case of large holding.

4.3.5 The percentage distribution area by Un-Irrigated cropped once and more than twice may be seen in the table 4.4.

Table 4.4: Distribution of area by number of crops in Un-Irrigated condition

Sl. No.	Size Groups	Percentage of area cropped		Net Un irrigated area
		Once	More Than Twice	
1.	Marginal	32.14	67.76	100.00
2.	Small	38.43	61.57	100.00
3.	Semi-medium	44.36	55.72	100.00
4.	Medium	47.28	52.72	100.00
5.	Large	53.11	46.89	100.00
6.	All sizes	37.87	62.13	100.00



4.4 Cropping Pattern

4.4.1 In Input Survey 2006-07 the State was specified a set of crops for collection of data on inputs use. These crops were selected on the basis of their importance in State depending upon the percentage of cropped area in relation to the gross cropped area. The data on major crops viz. Paddy, Maize, Wheat, Sugarcane and Ragi have been presented for the purpose of analysis. Thus the total of all these data of 'all crops'. The table 4.5(a) gives percentage distribution of gross cropped area under these crops for state by irrigation status.

4.4.2 From the table 4.4(a) it may be seen gross cropped irrigated and un-irrigated area was covered by these nine principal crops. In other words, about 0.77 percent of gross irrigated area and 1.98 percent of the gross un-irrigated area were covered under 'total oilseeds. In irrigated area, wheat was the most dominant crop having a share of

about 39.12 percent of area followed by paddy 33.53 percent, maize 0.46 percent, ragi 0.04 percent, Barley 0.09 percent, sugarcane 19.72 percent etc. In un-irrigated area also, wheat was the most common crop claiming 27.40 percent of gross cropped un-irrigated area which was followed by paddy 16.57 percent, ragi 17.82 percent, barley 0.26 percent, maize 5.15 percent.

Table 4.4(a) Share of Major crops in irrigated and unirrigated areas under various Size Group Holdings

Sl. No	Size Groups (Ha)	PADDY		MAIZE		RAGI		WHEAT	
		irrigated	unirrigated	irrigated	unirrigated	irrigated	unirrigated	irrigated	Unirrigated
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	47921	54626	681	15773	139	51614	54922	87158
		36.04	18.25	0.51	5.27	0.10	17.24	41.31	29.12
2	1.0 - 1.99	38550	33827	740	8560	62	38430	46518	55862
		32.39	16.81	0.62	4.25	0.05	19.10	39.09	27.76
3	2.0 - 3.99	46117	20495	649	7459	0	25648	54417	35460
		31.79	14.54	0.45	5.29	0.00	18.19	37.52	25.15
4	4.0 - 9.99	37210	6195	357	3638	6	8019	42847	11757
		33.01	12.33	0.32	7.24	0.01	15.96	38.01	23.40
5	10 and Above	6883	617	0	532	0	776	4461	1175
		39.92	9.18	0.00	7.92	0.00	11.55	25.87	17.49
All Groups		176681	115760	2427	35962	207	124487	206165	191412
Total %		33.53	16.57	0.46	5.15	0.04	17.82	39.12	27.40

BARLY		TOTAL PULSES		SUGARCANE		TOTAL OILSEEDS		ALL ACROPS	
irrigated	unirrigated	irrigated	unirrigated	irrigated	unirrigated	irrigated	Unirrigated	irrigated	Unirrigated
11	12	13	14	15	16	17	18	19	20
197	209	19132	16175	20719	251	1076	5109	132963	299312
0.15	0.07	14.39	5.40	15.58	0.08	0.81	1.71	100.00	100.00
105	288	11562	11561	26003	99	873	3234	119009	201224
0.09	0.14	9.72	5.75	21.85	0.05	0.73	1.61	100.00	100.00
99	541	9225	7978	32398	139	1061	3091	145048	141004
0.07	0.38	6.36	5.66	22.34	0.10	0.73	2.19	100.00	100.00
47	802	3791	2946	23138	55	1040	1786	112739	50245
0.04	1.60	3.36	5.86	20.52	0.11	0.92	3.55	100.00	100.00
0	2	465	309	1682	12	24	631	17242	6720
0.00	0.03	2.70	4.60	9.76	0.18	0.14	9.39	100.00	100.00
448	1842	44175	38969	103940	556	4074	13851	527001	698505
0.09	0.26	8.38	5.58	19.72	0.08	0.77	1.98	100.00	100.00

Table 4.4(b) Share of Various Size Groups of holdings in irrigated and unirrigated areas under various crops

Sl. No	Size Groups (Ha)	PADDY		MAIZE		RAGI		WHEAT	
		irrigated	unirrigated	irrigated	unirrigated	irrigated	unirrigated	irrigated	Unirrigated
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	47921	54626	681	15773	139	51614	54922	87158
		27.12	47.19	28.06	43.86	67.15	41.46	26.64	45.53
2	1.0 - 1.99	38550	33827	740	8560	62	38430	46518	55862
		21.82	29.22	30.49	23.80	29.95	30.87	22.56	29.18
3	2.0 - 3.99	46117	20495	649	7459	0	25648	54417	35460
		26.10	17.70	26.74	20.74	0.00	20.60	26.39	18.53
4	4.0 - 9.99	37210	6195	357	3638	6	8019	42847	11757
		21.06	5.35	14.71	10.12	2.90	6.44	20.78	6.14
5	10 and Above	6883	617	0	532	0	776	4461	1175
		3.90	0.53	0.00	1.48	0.00	0.62	2.16	0.61
All Groups		176681	115760	2427	35962	207	124487	206165	191412
		100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

BARLY		TOTAL PULSES		SUGARCANE		TOTAL OILSEEDS		ALL ACROPS	
irrigated	unirrigated	irrigated	unirrigated	irrigated	unirrigated	irrigated	Unirrigated	irrigated	Unirrigated
11	12	13	14	15	16	17	18	19	20
197	209	19132	16175	20719	251	1076	5109	132963	299312
43.97	11.35	43.31	41.51	19.93	45.14	26.41	36.89	25.23	42.85
105	288	11562	11561	26003	99	873	3234	119009	201224
23.44	15.64	26.17	29.67	25.02	17.81	21.43	23.35	22.58	28.81
99	541	9225	7978	32398	139	1061	3091	145048	141004
22.10	29.37	20.88	20.47	31.17	25.00	26.04	22.32	27.52	20.19
47	802	3791	2946	23138	55	1040	1786	112739	50245
10.49	43.54	8.58	7.56	22.26	9.89	25.53	12.89	21.39	7.19
0	2	465	309	1682	12	24	631	17242	6720
0.00	0.11	1.05	0.79	1.62	2.16	0.59	4.56	3.27	0.96
448	1842	44175	38969	103940	556	4074	13851	527001	698505
100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

4.4.3 Table 4.4(b) indicates that out of irrigated area under paddy in the State, the share of semi-medium holdings was the highest, 27.52 percent followed by marginal 25.23 percent, small 22.58 percent medium 21.39 percent, and large 3.27 percent. Similar in un-irrigated area under paddy in which the highest share was of marginal holdings 42.85percent followed by other categories of holdings. In the case of wheat crop the highest of irrigated area 26.64 percent was in the category of marginal holding followed by small 22.56 percent, semi-medium 26.39 percent, medium 20.78 percent and large holding 2.16 percent. In the case of un-irrigated area under wheat, marginal holdings was having the highest share of about 45.53 percent followed by small 29.18 percent, semi-medium 18.53 percent, medium 6.14 percent and large holdings 0.61 percent. In the case of ragi crop the highest holding is irrigated area 67.15 percent was in the category of marginal holding followed by small 29.95 and the medium holding 2.90 percent. The un-irrigated are under ragi in which the highest

share was of marginal 41.46 percent followed by small holding 30.87, semi-medium holding 20.60, medium holding 6.44 percent and large holdings 0.62 percent. Under maize the percentage of irrigated area to total cropped irrigated area was marginal holdings 28.06 percent, 30.49 percent in small, 26.74 percent in semi-medium about 14.71 percent in medium holdings. Similarly, in un-irrigated area under crop maize, marginal holdings were having the highest share of 43.86 percent followed by small 23.80 percent and semi medium holdings 20.74 percent. In the case of barley, the highest share of 43.97 percent of irrigated area was in the category of marginal followed by 23.44 percent in semi-medium 22.10 percent in the case of medium 10.49 percent. In un-irrigated area, the highest share was also in the medium category 43.54 percent followed by 29.37 percent in semi-medium, small 15.64 percent in the case of large 0.11 percent. In the case of sugarcane, which is normally grown in irrigated area, it has been observed that the share of irrigated area was the highest, 25.02 percent in the small holdings followed by medium 22.26 percent, marginal 19.93 percent and semi-medium about 13.17 percent. In the case of un-irrigated area under this crop, the percentage share of different holdings has decreased as the size of holdings has increased. Marginal holdings highest, 45.14 percent followed by semi medium 25.00 percent, small holdings 17.81 percent and medium 9.84 percent and large holding 2.16 percent.

CROPWISE USE OF INPUTS

4.6 Application of Chemical Fertilizer, Farm Yard Manure and Pesticides in Irrigated and Un-irrigated Areas

4.6.1 Chemical fertilizer is used to increase agricultural production and pesticides to protect the crops from insects and pests. Besides chemical fertilizers, organic manure is also used to raise the soil fertility. The most commonly used chemical fertilizers are Urea, Di-Ammonium Phosphate, Superphosphate, Potash, complex fertilizers, fertilizer mixture and micronutrient fertilizers like Ammonium Sulphate. On the other hand, Farm Yard Manure (FYM)/compost and oil cakes are the most common organic manures in use by the cultivators. The Input Survey data were collected separately for area under HYV and 'Others' and quantity of fertilizers used. Normally, the first dose of fertilizer is given at the sowing stage and subsequently one or two more applications are given to the crop. Thus, the same area may receive one or more applications of fertilizers but for the purpose of estimation of area fertilized, only net area under the crop in a particular season has been taken into account.

4.7 Percentage of Area Treated with Chemical Fertilizers, Farm Yard Manure and Pesticides

4.7.1 Table 4.7 gives the percentage of area treated with chemical fertilizers, FYM and pesticides to the corresponding total gross cropped area under 'all crops' separately for irrigated and un-irrigated.

Table 4.7: Percentage of Area Treated with Chemical Fertilizers, FYM and Pesticides for 'All Crops' in Irrigated and Unirrigated Areas

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	81.23	2.98	36.22	92.30	37.41	0.76
2	Small (1.0 – 1.99 ha.)	82.18	2.85	38.45	92.74	43.83	0.58
3.	Semi-medium (2.0 – 3.99 ha.)	96.43	3.74	29.67	89.31	57.01	1.29
4.	Medium (4.0 – 9.99 ha.)	64.50	8.65	21.08	84.36	63.58	2.44
5.	Large (10.0 ha. and above)	97.58	12.20	16.67	88.99	62.63	1.01
6.	All Size Groups	87.35	3.59	31.04	91.22	50.67	0.94

4.7.2 It may be seen from the table 4.7 that about 87.35 percent of the irrigated area to the corresponding total gross cropped irrigated area under ‘all size groups’ at state level was treated with different chemical fertilizers whereas about 3.59 percent was the corresponding figure for un-irrigated area. Similarly about 31.04 percent of the irrigated area to total gross cropped irrigated area under ‘all crops’ for ‘all sizes’ at state level was treated with FYM against the corresponding figure of 91.22 percent for un-irrigated area. In the case of pesticides about 50.67percent of the irrigated area to total gross-cropped irrigated area in the state for all sizes was treated with pesticides while 0.94 percent in un-irrigated area.

4.7.3 Further the percentage of gross irrigated area treated with chemical fertilizers to the corresponding total gross irrigated area under various categories of holdings was rallying around 81.23 percent, in the case of marginal holdings 82.18percent in the case of small holdings and 96.43 percent, in the case of semi-medium holdings about 64.50 percent of medium and 97.58 percent of large holdings. However, in un-irrigated area, the percentage distribution in marginal 2.98 percent and 2.85 percent in small size group in semi medium, medium and large size groups was unevenly distributed. Thus, the use of chemical fertilizers was much higher in irrigated area than in the un-irrigated area.

4.7.4 The percentage of irrigated area treated with FYM to the corresponding total gross cropped irrigated area was the highest in the case of small holdings 38.45 percent followed by marginal 36.22 percent, semi-medium 29.67 percent, medium 21.08 percent and large 16.67 percent, while the un-irrigated percentage was 92.30 percent in marginal holdings followed by small holdings 92.74 percent, semi-medium 89.31 percent, medium 84.36 percent and large 88.99 percent. In view of this, there was much difference in the pattern of application of FYM in irrigated and un-irrigated areas.

4.7.5 In the case of pesticides, the percentage of gross irrigated area treated with pesticides to total gross irrigated area was the highest in medium holdings 63.58 percent followed by large 62.63 percent, semi-medium holdings about 57.01 percent. Small 43.83 and marginal holdings is about 37.41 marginal holdings percent. The corresponding figure in un-irrigated area was the highest 2.44 percent in the category medium followed by large, semi-medium, small and marginal.

Paddy

4.7.6 The percentage distribution of area treated with Chemical Fertilizers, Farm Yard Manure and Pesticides to the corresponding gross cropped area separately for irrigated and un-irrigated at state level may be seen in the table 4.7(a).

Table 4.7(a):Percentage of Area Treated with Chemical Fertilizers, FYM and Pesticides for ‘Paddy’ in Irrigated and Unirrigated Areas

Sl. No	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	77.48	1.51	42.30	99.36	42.71	0.40
2	Small (1.0 – 1.99 ha.)	76.27	1.82	41.71	98.92	43.02	0.17
3.	Semi-medium (2.0 – 3.99 ha.)	89.06	2.11	24.23	97.45	60.38	0.09
4.	Medium (4.0 – 9.99 ha.)	96.24	3.02	13.36	98.32	66.21	0.18
5.	Large (10.0 ha. and above)	99.96	2.27	10.30	99.19	60.98	1.46
6.	All Size Groups	85.07	1.79	30.11	98.84	53.05	0.27

4.7.7 From the above table, it is observed that 85.07 percent of the irrigated area under paddy was treated with chemical fertilizer for ‘all size groups’ at state level. The highest percentage of irrigated area treated with the fertilizer for this crop was in the category of large holdings 99.96 percent followed by medium 96.24 percent, semi-medium 89.86 percent, small 76.27 percent and 77.48 percent in the case of marginal holdings. In the case of percentage of un-irrigated area treated with chemical fertilizers to the corresponding gross cropped un-irrigated area for ‘all sizes’ at state level was 1.79 percent which is more less than the Chemical Fertilizers used in irrigated area.

4.7.8 Similarly, about 30.11 percent of the irrigated area for ‘all size groups’ at state level was treated with Farm Yard Manure against 98.89 percent in un-irrigated area. In this case, the percentage of irrigated area treated with FYM is less than the corresponding figures in un-irrigated area in each size group of holdings.

4.7.9 As regards pesticides, it may be seen that the application of pesticides in irrigated area was much higher than the corresponding un-irrigated area by virtue of the percentage of irrigated area treated with pesticides in ‘all size groups’ at state level was 52.60 against 0.51 in un-irrigated area. The similar phenomenon holds good in the case of other size groups of holdings like marginal, small, semi-medium, medium and large.

Wheat

4.7.10 The percentage distribution of area treated with Chemical Fertilizers, FYM and Pesticides under wheat separately for irrigated and un-irrigated area at state level may be seen in the table 4.7(b).

Table 4.7(b): Percentage of Area Treated with Chemical Fertilizers, FYM and Pesticides for ‘Wheat’ in Irrigated and Unirrigated Areas

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1.	Marginal (Below 1.0 ha.)	82.66	4.02	39.52	96.88	38.75	0.58
2.	Small (1.0 – 1.99 ha.)	82.34	3.28	37.37	97.36	45.17	0.40
3.	Semi-medium (2.0 – 3.99 ha.)	91.94	3.74	27.53	95.90	60.45	0.39
4.	Medium (4.0 – 9.99 ha.)	97.27	10.82	17.03	90.67	66.67	0.84
5.	Large (10.0 ha. and above)	99.95	7.91	13.94	93.87	62.78	1.45
6.	All Size Groups	88.70	4.19	30.27	96.44	52.60	0.51

4.7.11 It may be seen from the table 4.7(b) that about 88.70 percent of irrigated area under wheat, for ‘all size groups’ at state level was treated with chemical fertilizers against 4.19 percent in un-irrigated area. In the categories of medium and large holdings, the percentages of irrigated areas treated with chemical fertilizers were more than the corresponding figures in ‘other size. In the categories of semi-medium and large, the percentage of irrigated area treated with chemical fertilizers was highest than the average percentage of 88.70. The percentage of un-irrigated area treated with chemical fertilizers has increased with the increase of size of holdings except for large.

4.7.12 The percentage of area under wheat treated with FYM was nearly 30.27 percent in irrigated and 96.44 percent in un-irrigated conditions. This table further shows that

the percentage of irrigated area treated with FYM was less in every size group as compared to the corresponding figures in un-irrigated area.

4.7.13 In the case of pesticides, about 52.60 percent of the gross irrigated area for ‘all size groups’ at state level was treated with pesticides against 0.51 percent in un-irrigated area. This table further shows that the use of both pesticides was more in irrigated area than in un-irrigated area.

Ragi

4.7.14 The percentage distribution of area treated with chemical fertilizers, FYM and pesticides in both irrigated and un-irrigated area separately for different size groups of holdings at state level may be seen in the table 4.7(c).

Table 4.7(c): Percentage of Area Treated with Chemical Fertilizers, FYM and Pesticides for ‘Ragi’ in Irrigated and Unirrigated Area

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1.	Marginal(Below 1.0 ha.)	0.72	0.18	100.00	85.14	0.00	0.45
2.	Small(1.0 – 1.99 ha.)	0.00	0.10	100.00	84.80	0.00	0.26
3.	Semi-medium(2.0 – 3.99 ha.)	0.00	0.00	0.00	80.91	0.00	0.27
4.	Medium (4.0 – 9.99 ha.)	0.00	0.52	100.00	76.54	0.00	2.28
5.	Large (10.0 ha. and above)	0.00	0.00	0.00	86.73	0.00	0.00
6.	All Size Groups	0.48	0.14	100.00	83.62	0.00	0.47

4.7.15 From the table 4.7(c), it may be observed that the percentage of gross irrigated area treated with chemical fertilizers to total gross cropped irrigated area in all size groups of holdings at State level was about 0.48. It may be only in the case marginal holdings 0.72 percent other holdings is zero. In the case of un-irrigated area, the percentage of area treated with chemical fertilizers to the corresponding gross un-irrigated area for ‘all size groups’ at state level was 0.14 which was more or less equal to the figures falling in the categories of marginal, small, medium holdings. However, the percentage of un-irrigated area treated with chemical fertilizers was the lowest in the case of small holdings 0.10 percent.

4.7.16 In the case of Farm Yard Manure, the percentage of irrigated area treated to the gross cropped irrigated area in each size group of holdings viz. marginal, small and semi-medium is about 100% and an overall percentage of 100 percent. In the case of un-irrigated area the percentage of FYM in different size groups of holdings is about 83.62 percent near about similar to all size groups.

4.7.17 As regards pesticides, it may be seen that the pesticides not used irrigated area in Ragi and un-irrigated area used in 0.47 percent all size groups at state level.

Maize

4.7.18 The table 4.7(d) given below gives the percentage of area treated with chemical fertilizers farm yard manure and pesticides to the corresponding gross cropped area separately for irrigated and un-irrigated area at State level.

Table 4.7(d): Percentage of Area Treated with Chemical Fertilizers, FYM, and Pesticides for ‘Maize’ in Irrigated and Unirrigated Areas

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal(Below 1.0 ha.)	78.85	13.83	51.69	85.96	21.44	1.90
2	Small (1.0 – 1.99 ha.)	78.51	18.59	44.46	86.36	42.84	1.04
3.	Semi-medium (2.0 – 3.99 ha.)	87.98	16.67	50.39	81.50	33.44	2.56

4.	Medium (4.0 – 9.99 ha.)	98.88	25.89	21.57	74.85	52.94	1.90
5.	Large (10.0 ha. and above)	0.00	4.14	0.00	68.89	0.00	0.94
6.	All Size Groups	84.14	16.62	44.71	83.75	35.81	1.82

4.7.19 From the table 4.7(d), it may be seen that the percentage of irrigated area treated with chemical fertilizers to the corresponding gross cropped irrigated area for ‘all size groups’ at State level was about 84.14 percent against about 16.62 percent in un-irrigated area. The percentage of irrigated area treated with chemical fertilizers to the corresponding gross cropped irrigated area in each size group of holdings was found 78.85 percent in the case of marginal holding, 78.51 percent in the case of small holding, 87.98 percent in the case of semi-medium holding and 98.88 percent in the case of medium holdings. However, the percentage of un-irrigated area treated with chemical fertilizers to the corresponding gross cropped un-irrigated area was the lowest 4.14 percent in the case of large holdings and the highest in the case of medium holdings 25.89 percent. This table further shows that a greater percentage of area was treated with chemical fertilizers in irrigated conditions than in un-irrigated area in every size group of holdings.

4.7.20 As regards the percentage of irrigated area treated with farm yard manure to the corresponding gross cropped irrigated area for all sizes at State level, it was 44.71 percent against 83.75 percent in un-irrigated area. From the table it appears that the percentage of area treated with farm yard manure in un-irrigated conditions was more than the corresponding figures in irrigated conditions in each size group of holdings except small.

4.7.21 The percentage of irrigated area treated with pesticides in ‘all size groups’ of holdings at State level was about 35.81 percent against about 1.82 percent in un-irrigated conditions. The percentage distribution of irrigated area treated with pesticides shows that the semi-medium holdings have used much pesticides as compared to other types of holdings. The percentage distribution of un-irrigated area to the corresponding gross cropped un-irrigated area for ‘all size groups’ at State level was merely 1.82 percent.

Jobstears

4.7.22 The percentage distribution of area treated with various chemical fertilizers, farm yard manure, pesticides and IPM to the corresponding gross cropped area separately for irrigated and un-irrigated area at All India level may be seen in the table 4.7(e).

Table 4.7(e): Percentage of Area Treated with Chemical Fertilizers, FYM, Pesticides for ‘Jobtears’ in Irrigated and Unirrigated Areas

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	0.00	0.03	100.00	98.49	20.00	0.57
2	Small(1.0 – 1.99 ha.)	0.00	0.06	100.00	97.90	0.00	0.11
3.	Semi-medium(2.0 – 3.99 ha.)	0.00	0.02	100.00	96.12	0.00	0.26
4.	Medium(4.0 – 9.99 ha.)	100.00	0.35	100.00	89.84	0.00	0.14
5.	Large(10.0 ha. and above)	0.00	0.00	0.00	100.00	0.00	0.00
6.	All Size Groups	2.78	0.06	100.00	97.19	16.67	0.32

4.7.23 From the table 4.7(e), it may be seen that the chemical fertilizers was used only 100 percents semi-medium holdings and un-irrigated area for all size groups at state level was 0.06 percent.

4.7.24 In the case of Farm Yard Manure the percentage of irrigated area treated with the manure for all size groups at State level was 100.0 percent whereas in the un-irrigated area the corresponding figure was 97.19 percent. It may be seen that in the case of FYM, the percentage of un-irrigated area treated with corresponding gross cropped un-irrigated area was more as compared to the area treated under irrigated conditions in each size group of holdings.

4.7.25In the caseof crop jobstears it is treated by pesticides in irrigated the all size group at state level was 16.67 and un-irrigated 0.32 percent.

Sugarcane

4.7.26The percentage distribution of area treated with chemical fertilizers, farm yard manure, pesticides and IPM in irrigated and un-irrigated area separately for different size classes of holdings at All India level may be seen in the table 4.7(g).

Table 4.7(g): Percentage of Area Treated with Chemical Fertilizers, FYM and Pesticides for ‘Sugarcane’ in Irrigated and Unirrigated Areas

Sl. No.	Size Groups	Percentage of area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1.	Marginal(Below 1.0 ha.)	100.00	7.57	15.37	100.00	25.80	0.00
2.	Small(1.0 – 1.99 ha.)	99.17	85.86	38.40	53.54	46.72	0.00
3.	Semi-medium(2.0 – 3.99 ha.)	99.19	35.97	43.29	92.81	55.17	0.00
4.	Medium(4.0 – 9.99 ha.)	98.79	100.00	40.77	58.18	60.89	0.00
5.	Large(10.0 ha. and above)	99.94	0.00	46.14	100.00	69.38	0.00
6.	All Size Groups	99.27	37.59	35.98	85.79	48.71	0.00

4.7.27From the table 4.7(g) it may be seen that the percentage of irrigated area treated with chemical fertilizers to the corresponding gross cropped irrigated area at state level for all sizes was about 99.27 percent against 37.59 percent in un-irrigated area. This indicates that 100% of gross cropped irrigated area and treated with chemical fertilizers. The percentage distribution of un-irrigated area treated with chemical fertilizers was the highest, 100 percent in medium holdings, 85.86percent in small holding, 35.97 percent in semi-medium holding with the lowest one in the category of marginal holdings 7.57 percent.

4.7.28. In the case of farm yard manure, the percentage of irrigated area treated with this input to gross cropped irrigated area for ‘all sizes’ at state level was 35.98 percent against 85.79 percent in un-irrigated area. Further the percentage of irrigated area treated with FYM to gross cropped irrigated area was evenly distributed among different size groups of holdings and the percentage was more or less rallying round to 15 to 46 percent. In the case of un-irrigated area, the highest percentage of area treated was in the category of medium holdings 58.18 percent, semi-medium 92.81percent, small 53.54 percent, marginal and large holdings is 100 percent.

4.8 Rate of application of Fertilizer Nutrient (N,P,K) and FYM in Irrigated and Un-irrigated Areas All Crops

4.8.1 The table 4.8 gives the break-up of rate of application of Nitrogen(N), Phosphate(P) and Potash(K₂O) and FYM for ‘all crops’ in irrigated and un-irrigated areas. The data has been computed from estimated use of various types of fertilizers by taking into account the nutrient content in each type of fertilizer. The rate of application of fertilizer nutrients like N,P,K and FYM has been calculated by dividing the quantity of each nutrient, i.e. N,P,K and FYM consumed in irrigated and un-irrigated areas separately with the corresponding gross cropped irrigated and un-irrigated areas.

Table 4.8:Rate of Application of Fertilizer Nutrients (N,P,K) and FYM in Irrigated and Unirrigated Areas in All Crops

Sl. No.	Size Groups	Kgs/hectare)							
		N		P		K		FYM	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1.	Marginal (Below 1.0 ha.)	40.58	2.25	8.94	0.86	59.59	0.00	286.46	645.53
2.	Small (1.0 – 1.99 ha.)	16.78	0.90	4.58	1.78	20.34	0.08	311.12	584.97
3.	Semi-medium (2.0 – 3.99 ha.)	12.47	0.81	4.91	2.48	35.79	0.14	238.07	553.28
4.	Medium (4.0 – 9.99 ha.)	7.19	0.93	2.75	1.05	31.85	0.06	169.04	513.08
5.	Large (10.0 ha. and above)	2.46	0.26	1.00	0.34	32.43	0.00	116.67	410.85
6.	All Size Groups	19.08	1.46	5.12	1.36	37.42	0.06	248.04	597.59

4.8.2 From the above table 4.8, it may be seen that the use of N for ‘all crops’ and all size groups at all state level was 19.08 kg./ha. in irrigated area against 1.46 kg./ha. in un-irrigated area. Whereas the corresponding figures for marginal, small, semi-medium, medium and large holdings in irrigated area were 40.58, 16.78, 12.47, 7.19 and 2.46 kg./ha. against 2.25, 0.90, 0.81, 0.93 and 0.26 kg./ha. in un-irrigated areas. This indicates that the rate of application of N (kg./ha.) was uniformly higher in irrigated area as compared to that of in un-irrigated area. This table also indicates that the rate of application of N in un-irrigated area has decreased with the increase of size of holdings.

4.8.3 The use of P for all size groups at state level for ‘all crops’ in irrigated area was 5.12 kg./ha. against 1.36 kg./ha. in un-irrigated area. Its use of P (kg./ha.) in irrigated area for various size groups of holdings was 8.94, 4.58, 4.91, 2.75 and 1.00 respectively for marginal, small, semi-medium, medium and large holdings against 0.86, 1.28, 2.48, 1.05 and 0.34 in un-irrigated area. This clearly shows that in irrigated areas, the rate of application of P (kg./ha.) has decreased with the increase in size of holdings.

4.8.4 The use of Potash (K) in ‘all crops’ for all sizes of holding at state level was 37.42 kg./ha. in irrigated area against 0.06 kg./ha. in un-irrigated area. Its use of K (kg./ha.) in irrigated area for various size groups of holdings was 59.59, 20.34, 35.79, 31.85 and 32.43 respectively for marginal, small, semi-medium, medium and large holdings against 0.08,0.14 and 0.06for small, semi-medium, medium holdings in un-irrigated area.

4.8.5 The use of FYM for all holdings at state level for ‘all crops’ in irrigated area was 798.99 kg./ha. Against 655.10 kg./ha. in un-irrigated area. whereas the corresponding figures for marginal, small, semi-medium, medium and large holdings

in irrigated area were 286.46, 311.12, 238.07, 169.04 and 116.67 kg./ha. against 645.53, 584.97, 553.28, 513.08 and 410.85 kg./ha. in un-irrigated areas.

4.8.6 The rate of application of N,P,K and Farm Yard Manure (FYM) for paddy in irrigated and un-irrigated areas at All India level may be seen in table 4.8(a).

Table 4.8(a): Rate of Application of Fertilizer Nutrients (N,P,K) and FYM in Irrigated and Un-irrigated Areas in Paddy

Sl. No.	Size Groups	N		P		K		FYM	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1.	Marginal (Below 1.0 ha.)	38.73	1.45	7.28	0.01	3.23	0.00	330.16	755.92
2.	Small (1.0 – 1.99 ha.)	15.42	0.75	2.82	0.02	1.10	0.00	320.14	670.53
3.	Semi-medium (2.0 – 3.99 ha.)	11.36	0.56	3.71	1.53	1.53	0.00	178.05	649.78
4.	Medium (4.0 – 9.99 ha.)	6.40	0.64	2.16	0.02	0.80	0.00	105.30	696.56
5.	Large (10.0 ha. and above)	2.15	0.13	0.98	0.01	0.42	0.00	66.16	730.96
6.	All Size Groups	18.27	1.04	4.05	0.02	1.70	0.00	230.63	708.86

4.8.7 From the above table 4.8(a), it may be seen that the rate of application (kg./ha.) of N for paddy for all size groups at State level in irrigated area was 27.81 against 0.72 in un-irrigated area with the corresponding figures for marginal, small, semi-medium, medium and large holdings were 39.88, 22.54, 24.23, 25.93 and 22.15 in irrigated area against 1.28, 0.36, 0.32, 0.34 and 0.07 in un-irrigated area. This indicates that the rate of application of N in irrigated area was more than the corresponding figures in un-irrigated area in each size group of holdings. The rate of application of N(kg./ha.) in irrigated area was the highest in the case of marginal holding (39.88) followed by large holding (22.15), small (22.54), semi-medium (24.23) and medium (25.93). On the other hand, the rate of application of N in un-irrigated area was the highest in marginal holdings (1.28 kg./ha.) followed by large (0.07), semi-medium (0.32), medium (0.34) and small (0.36). This shows that the application of N in un-irrigated area has decreased with the increase in the size of operational holding except in the case of large holding.

4.8.8 The rate of application of P in irrigated area for all sizes at State level was 4.05 kg./ha. against 0.02 kg./ha. in un-irrigated area. The highest rate of application of P in irrigated area was in the case of marginal holdings 7.28 kg./ha. and has decreased with the in size holdings except semi-medium where the rate of application was 3.71 kg./ha. The rate of application of P in un-irrigated area varied between 0.01 kg./ha. in marginal holdings to 0.02kg./ha. in the case of large holdings. This indicates that the rate of consumption of P in un-irrigated area has increased with the decrease in the size of operational holding.

4.8.9 For Potash (K), which is used comparatively less in quantity by the farmers in their agricultural production, it was found that the rate of application of K in irrigated area for all sizes at State level was 1.70 kg./ha. as compared to 0.00 kg./ha. in un-irrigated area

4.8.10In the case of application of FYM in irrigated area for all sizes at State level, it 230.63 kg./ha. against 708.86 kg./ha. in un-irrigated area. The highest rate of

application of FYM was in the category of marginal holdings 330.16 kg./ha. and the lowest one was in the large category 66.16 kg./ha. This indicates that the rate of application of FYM has differed in every holdings. Similar pattern has been found in the case of un-irrigated area as well where the rate of application was the highest in the marginal category 755.92 kg./ha. followed by other kinds of holdings. Like medium 696.56 kg./ha., small 670.53 kg./ha., semi-medium 649.78 kg./ha. and large 730.96 kg./ha.

Wheat

4.8.11The rate of application of N,P,K and FYM (in kg./ha.) for wheat in irrigated and un-irrigated areas at state level as per Input Survey 2006-07 is given in table 4.8(b).

Table 4.8(b): Rate of Application of Fertilizer Nutrients (N,P,K) and FYM in Irrigated and Un-irrigated Areas in Wheat

Sl. No.	Size Groups	(Kgs/hectare)							
		N		P		K		FYM	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	40.50	2.48	7.25	0.01	3.09	0.00	315.96	700.38
2	Small (1.0 – 1.99 ha.)	16.09	0.87	3.36	0.02	1.14	0.00	298.02	650.50
3.	Semi-medium (2.0 – 3.99 ha.)	11.59	0.74	4.43	0.02	1.69	0.00	220.99	649.64
4.	Medium (4.0 – 9.99 ha.)	6.16	0.83	2.49	0.06	0.99	0.00	138.94	631.91
5.	Large (10.0 ha. and above)	1.99	0.34	0.81	0.05	0.46	0.00	102.05	508.68
6.	All Size Groups	18.83	1.57	4.41	0.02	1.75	0.00	242.31	671.04

4.8.12It may be observed from the above table that the rate of application of N for wheat in irrigated area for all sizes at State level was about 18.83 kg./ha. against 1.57 kg./ha. in un-irrigated area. The rate of application of N (kg./ha.) in irrigated area was the marginal holdings 40.50, small 16.09, semi-medium 11.59, medium 6.16, and large 1.99. In un-irrigated area, the rate of consumption of N was the highest in the case of marginal holdings 2.48 kg./ha. and the lowest in the large holdings 0.34 kg./ha. This indicates that the rate of application of N in un-irrigated area has decreased with the increase in size of holdings.

4.8.13The rate of application of P for all size groups at State level in irrigated area was 4.41 kg./ha. Against 0.02 kg./ha. in un-irrigated area. The rate of application of P in irrigated area was the highest in the case of marginal holdings 7.25 kg./ha. followed by semi-medium 4.43 kg./ha., small 3.36 kg./ha., large 0.81 kg./ha. and medium 2.49 kg./ha. In the case of un-irrigated area, the rate of application of P is very poor.

4.8.14The rate of application of Potash (K) in irrigated area for all sizes at state level was 1.75 kg./ha. There is no use of Potash in un-irrigated area. The use of K in irrigated area was the highest in the case of semi-medium holdings 1.69 kg./ha. followed by other holdings.

4.8.15As regards use of FYM, it may be seen from the table that the rate of application in irrigated area for all sizes at State level was 242.31 kg./ha. against 671.04 kg./ha. in un-irrigated area. The rate of application of farm yard manure was the highest in the case of marginal holdings 315.96 kg./ha. in irrigated area with the lowest one in of large holdings 102.05 kg./ha. This indicates that the rate of application of FYM has differed in every size of groups.

Sugarcane

4.8.16 The rate of application of N,P,K and FYM (in kg./ha.) for wheat in irrigated and un-irrigated areas at state level as per Input Survey 2006-07 is given in table 4.8(c).

Table 4.8(c): Rate of Application of Fertilizer Nutrients (N,P,K) and FYM in Irrigated and Un-irrigated Areas in Sugarcane

Sl. No	Size Groups	N		P		K		FYM	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	44.68	13.08	7.57	0.00	1.67	0.00	131.00	825.90
2	Small (1.0 – 1.99 ha.)	16.98	35.83	5.43	1.12	0.95	0.00	360.22	631.31
3.	Semi-medium (2.0 – 3.99 ha.)	12.37	4.19	5.32	0.00	1.41	0.00	390.29	658.99
4.	Medium (4.0 – 9.99 ha.)	7.57	6.11	3.21	1.33	0.90	0.00	345.33	578.18
5.	Large (10.0 ha. and above)	4.46	0.00	2.05	0.00	0.80	0.00	435.91	1316.67
6.	All Size Groups	18.74	13.94	5.28	0.33	1.22	0.00	321.81	735.58

(Kgs/hectare)

4.8.17 From the table 4.8(g), it may be seen that the rate of application of N for all sizes at state level in irrigated area was 18.74 kg./ha. against 13.94kg./ha. in un-irrigated area. The highest rate of application of N was in the category of marginal holdings 44.68kg./ha. and the lowest in large category 4.46kg./ha. The table indicates that the rate of application of N for un-irrigated area for marginal, small, semi-medium and medium holdings are 13.08,35.83,4.19,6.11 respectively.

4.8.18As regards P, the rate of application for all sizes at state level in irrigated area was 5.28 kg./ha. against 0.33 kg./ha. in un-irrigated area. The highest rate of application in irrigated area was in the category of marginal holdings 7.57kg./ha. and the lowest in large holdings 2.05kg./ha. In un-irrigated area, the rate of application of P was the highest in medium holdings 1.33 kg./ha. followed by small 1.12kg./ha.

4.8.19The rate of application of K for all sizes at state level in irrigated area was 1.22kg./ha. against was not in un-irrigated area. The rate of application in irrigated area was the highest in the case of marginal holdings 1.67kg./ha., followed by small, semi-medium, medium and large holdings. This indicates that the rate of application of K in irrigated area has decreased with the increase in the size of holdings.

4.8.20The rate of application of FYM for all sizes at state level in irrigated area was 321.81kg./ha. against 735.58kg./ha. in un-irrigated area. The rate of application in irrigated area was the highest 435.91kg./ha. in large category and the lowest one was 131.00kg./ha. in marginal holdings. The table shows that the rate of application of FYM in irrigated area has decreased with the increase in the size of holdings. In the case of un-irrigated area, the rate of application was the highest in the case of large holdings 1316.67kg./ha. followed by marginal 825.90 kg./ha., medium 578.18 kg./ha., semi-medium 658.99kg./ha. and small 631.31. The use of FYM in irrigated area was consistently more than the un-irrigated area over all types of operational holdings.

4.8.21The chemical fertilizer was not applied in crop Maize, Ragi, Sanwa and Barely which was show in hill area. The rate of application of FYM in their crops in irrigated

and un-irrigated areas for crops Maze, Ragi Sanwa and Barely in marginal, small, semi-medium, medium and large category are show in the followings table:-

Table 4.8(d): Rate of Application of FYM in Irrigated and Unirrigated Areas in different crops

Sl. No.	Size Groups	Maize		Ragi		Sanwa		Barely	
		Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated	Irrigated	Unirrigated
1	Marginal (Below 1.0 ha.)	337.89	565.96	753.24	531.08	1006.67	605.89	673.60	656.45
2	Small (1.0 – 1.99 ha.)	282.43	503.95	516.13	476.34	1000.00	573.41	572.38	589.41
3.	Semi-medium (2.0 – 3.99 ha.)	289.98	470.41	0.00	447.10	533.33	545.98	230.30	531.55
4.	Medium (4.0 – 9.99 ha.)	130.53	383.75	633.33	419.89	900.00	480.43	163.83	490.09
5.	Large (10.0 ha. and above)	0.00	308.08	0.00	437.63	0.00	535.56	0.00	471.48
6.	All Size Groups	277.66	509.13	678.65	489.13	964.60	572.49	498.45	596.52

(Kgs/hectare)

LIVESTOCK, AGRICULTURAL IMPLEMENTS & MACHINERY

4.9 Livestock

4.9.1 The total number of cattle, buffaloes, sheep, goats, horses and ponies, mules, donkeys, pigs and others possessed by the operational holders during 2006-07 in state for all size groups were 7.23 lakh, 5.85 lakh, 2.48 lakh, 13.38 lakh, 0.52 lakh, 0.15 lakh, 0.01lakh and 0.06lakh respectively. The number of cattle possessed by the operational holders was the highest 5.04 lakh in the case of marginal holdings followed by small 1.36 lakh, semi-medium 0.64 lakh, medium 0.17 lakh and large 0.008 lakh. This indicates that the number of cattle possessed by the operational holders has decreased with the increase in the size of holdings. The number of buffaloes kept by the operational holders during 2001-02 was the highest in the case of marginal holdings 3.92 lakh, followed by small 1.18 lakh, semi-medium 0.57 lakh, medium 0.16lakh and large holdings 0.008 lakh respectively. This indicates that the number of buffaloes have decreased with the increase in the size of holdings.

Table 4.9: Estimated number of livestock held by the Operational holders

Sl. No.	Size groups	No. of Operational Holdings	No. of Cattle	No. Of Buffaloes	Sheep	Goats	Horse And Ponies	Mules	Donkeys	Pigs
	1	2	3	4	5	6	7	8	9	10
1.	Marginal	656136	504237	392452	146486	953216	0	33526	1196	5253
2.	Small	162575	136568	118069	58709	250552	8008	11777	0	815
3.	Semi-medium	77556	64746	57803	32343	108261	5458	5386	149	124
4.	Medium	21206	17054	16453	10244	25658	1887	1823	35	0
5.	Large	1158	877	863	218	1003	21	24	0	0
6.	All Size Groups	918631	723482	585640	248000	1338690	15374	52536	1380	6192

4.9.2 The number of sheep kept during 2006-07 by the operational holders was the highest in the case of marginal holdings 1.46 lakh, followed by small 0.58 lakh, semi-medium 0.32 lakh, medium 0.10 lakh and large holdings 0.002 lakh against 2.48 lakh for all size groups of holdings.

4.9.3 The number of goats reared by the operational holders during 2006-07 was also the highest in the case of marginal holdings 9.53 lakh, followed by small 2.50 lakh, semi-medium 1.08lakh, medium 0.25 lakh and large 0.01 lakh against 13.38 lakh for all size groups of holdings. The number of horse and ponies, mules, donkeys, pigs and other live stocks was decrease with the increase of size of holdings.

4.10 Agricultural Implements and Machinery

4.10.1The number of Hand Operated Implement used by marginal, small, semi-medium, medium and large holdings was 9.32lakh, 2.57lakh,1.38lakh, 0.43lakh and 0.02lakh respectively against 1.37lakh for ‘all sizes’ at state level. Animal Operated Implement used by marginal, small, semi-medium, medium and large holdings was 10.15 lakh, 2.92 lakh, 1.36 lakh, 0.36 lakh and 0.02 lakh respectively against 1.48 lakh for ‘all sizes’ at state level. Power Operated Implement/Equipment used by marginal, small, semi-medium, medium and large holdings was 1.69 lakh, 1.03 lakh, 1.07 lakh, 0.59 lakh and 0.03 lakh respectively against 4.43 lakh for ‘all sizes’ at state level. Miscellaneous used by marginal, small, semi-medium, medium and large holdings was 0.02 lakh, 0.01 lakh, 0.01 lakh, 0.01 lakh and 0.01 lakh respectively against 0.07 lakh for ‘all sizes’ at state level.

4.11 Institutional Credit

4.11.1As per Input Survey 2006-07, the percentage of estimated number of operational holders who took institutional credit for agricultural purposes from various institutions to the corresponding total number of operational holdings was 10.25 for all sizes at state level against 6.74 for marginal, 14.62 for small, 23.22 for semi-medium, 36.26 for medium and 41.71 for large holdings.

Sl. No	Size Groups (Ha)	Percentage of Operational Holdings That Took Institutional Credit	Percentage of Operational Holdings That Took Credit From			
			PACS*	PLDB/SLDB*	CBB*	RRBB*
1	2	3	4	5	6	7
1	Below 1.0	6.74	1.84	0.17	1.19	3.59
2	1.0 - 1.99	14.62	3.01	0.42	2.63	8.77
3	2.0 - 3.99	23.22	4.98	0.58	3.86	14.85
4	4.0 - 9.99	36.26	6.45	0.55	4.64	26.66
5	10 and Above	41.71	8.46	1.12	8.89	23.23
	All Groups	10.25	2.43	0.26	1.76	6.01

4.12 Seeds

4.12.1As per Input Survey 2006-07, out of the total 9.18 lakh operational holdings, the number of holdings who used certified seeds, notified seeds and hybrid seeds for all size groups at all state level were 1.90 lakh, 0.02 lakh and 0.01 lakh respectively whereas the number of holdings who took foundation programmers were 0.20 lakh. The largest number of holders who used certified seeds were in the category of marginal holdings, 1.14 lakh followed by small 0.37 lakh, semi-medium 0.26 lakh, medium 0.11 lakh and large 0.06 lakh. Similarly, out of the total 0.02 lakh holders who used notified seeds, the highest number of holders were in the category of marginal holdings 0.01 lakh. In the similar way, out of the total of 0.01 lakh holders who used hybrid seeds, the maximum number of holders belonged to the marginal category 0.01 lakh. This analysis shows that in the case of certified, notified and hybrid seeds, the numbers of holders have decreased with the increase in the size of holdings, i.e. the marginal holders have been much benefited by such varieties of seeds followed by small and other categories. Similar trend has been observed in the case of foundation program me also where the maximum number of holders belonged to marginal category, i.e. 4.8 lakh followed by small 0.04 lakh, semi-medium 0.02 lakh and medium 0.01 lakh out of 0.20 lakh holders. In this programmer also, the highest number of beneficiaries belonged to the category of marginal holdings, followed by small, semi-medium, medium and large holdings.

CHAPTER-FIVE

DISTRICTWISE STATUS

DISTRICTWISE STATUS

5.1 The tables 5.1 (a) to 5.1 (e) presents district wise status on distribution of parcels, multiple cropping use of inputs and livestock on selected indicators.

Table 5.1 District wise estimated No. of parcels per operational holdings and average area per parcels by size groups.

Sl. No.	District Name	Total number of Parcels	Average number of parcels per holding	Average area per Parcel	Average area per holding
1	2	3	4	5	6
1	Chamoli	207020	4.36	0.17	0.74
2	Dehradun	84671	1.23	0.70	0.86
3	Hardwar	205803	1.66	0.58	0.96
4	Pauri Garhwal	1424053	16.19	0.08	1.32
5	Rudraprayag	173424	5.89	0.12	0.72
6	Tehri Garhwal	206618	2.55	0.34	0.86
7	Uttarakashi	95606	2.52	0.38	0.95
8	Almora	350103	3.07	0.26	0.79
9	Bageshwar	146796	2.65	0.18	0.47
10	Chamapawat	509215	13.73	0.06	0.86
11	Nainital	256359	4.95	0.22	1.11
12	Pithoragarh	213791	2.66	0.22	0.58
13	Udhamsingh Nagar	183244	1.77	0.75	1.34
	Uttarakhand	4056703	4.42	0.21	0.92

Table 5.2 District wise area by number of crops in Irrigated and Unirrigated area.

Sl. No.	District Name	Percentage Irrigated Area to Net Irrigated Area			Percentage Un-Irrigated Area to Net Un-Irrigated Area	
		Cropped Once	Cropped twice	Cropped more than twice	Cropped Once	Cropped more than twice
1	2	3	4	5	6	7
1	Chamoli	4	1001	0	14061	17070
2	Dehradun	3131	8831	0	15243	20214
3	Hardwar	54911	46224	3181	3541	1302
4	Pauri Garhwal	748	5516	0	35350	37545
5	Rudraprayag	0	2062	0	5514	12012
6	Tehri Garhwal	207	6057	0	23862	27945
7	Uttarakashi	828	4139	6	13361	14516
8	Almora	91	6631	0	28096	48232
9	Bageshwar	0	3173	0	5359	16925
10	Chamapawat	288	1325	0	4757	17137
11	Nainital	5443	22142	96	6781	13905
12	Pithoragarh	329	3139	0	3591	35911
13	Udhamsingh Nagar	21288	108490	1746	654	48
	Uttarakhand	87268	218730	5029	160170	262762

Table 5.3 Percentage of Area Treated with Chemical Fertilizer, FYM and Pesticides for “All crops” in Irrigated and Unirrigated area

Sl. No.	District Name	Percentage of Area treated with					
		Chemical Fertilizers		Farm Yard Manure		Pesticides	
		Irrigated	Un-Irrigated	Irrigated	Un-Irrigated	Irrigated	Un-Irrigated
1	2	3	4	5	6	7	8
1	Chamoli	1294	2610	1676	39107	0	11
2	Dehradun	17893	14865	14951	41132	4315	2200
3	Hardwar	139091	1585	44967	819	47224	0
4	Pauri Garhwal	2754	86	8533	107907	2303	0
5	Rudraprayag	1773	496	3568	22646	1266	0
6	Tehri Garhwal	361	25	12221	78567	549	51
7	Uttarakashi	486	1150	8094	42336	21	1534
8	Almora	4816	504	12041	119823	1285	28
9	Bageshwar	2986	0	6345	39005	0	0
10	Chamapawat	2315	2	587	39075	987	0
11	Nainital	47233	3109	24305	32755	42781	0
12	Pithoragarh	0	0	5976	73750	0	2479
13	Udhamsingh Nagar	239341	674	20337	260	166326	0
Uttarakhand		460343	25106	163601	637182	267057	255

Table 5.4 Estimated No. of Cattle, Buffalo, Sheep, Goats, horse and ponies, Mules and Pigs reported (as on 15/10/2006) by Operational Holdings.

Sl. No.	District Name	Total Cattle	Total Buffalo	Sheep	Goat	Horse and Ponies	Mules	Pigs
1	2	3	4	5	6	7	8	9
1	Chamoli	125172	67026	2785	13279	114	1863	0
2	Dehradun	196918	44829	8342	95207	4888	8091	5074
3	Hardwar	74293	209240	0	20945	201	0	0
4	Pauri Garhwal	323723	111579	82010	176108	5131	2071	0
5	Rudraprayag	87923	21225	8869	18472	44	7162	0
6	Tehri Garhwal	154489	106798	26735	139052	590	10577	0
7	Uttarakashi	120258	31155	55080	35354	1201	6826	0
8	Almora	363447	157355	12625	307472	1078	6119	124
9	Bageshwar	153259	59753	2644	80935	0	2652	0
10	Chamapawat	124495	27155	1221	96042	63	53	0
11	Nainital	133029	79170	0	69175	1002	207	0
12	Pithoragarh	280868	114641	47373	248087	989	6769	994
13	Udhamsingh Nagar	161425	174785	316	38562	73	146	0
Uttarakhand		2299299	1210711	248000	1338690	15374	52536	6192

Table-1**Estimated No. of Parcels Per Operational Holding And Average Area Per Parcel By Size Groups**

Sl. No	Size Groups (Ha)	Total Holdings		No. of Parcels			Total Number of Parcels	Average number of Parcels per holding	Average area per Parcel	Average area per holding
		Number	Area	Within the Village of Residence	Outside of Village of Residence but within the same Tehsil	Outside the Tehsil but within the District				
1	2	3	4	5	6	7	8	9	10	11
1	Below 1.0	656136	281059	2037844	3292	0	2041136	3.11	0.14	0.43
2	1.0 - 1.99	162575	227173	1140504	1371	0	1141875	7.02	0.20	1.40
3	2.0 - 3.99	77556	208814	654423	533	0	654956	8.44	0.32	2.69
4	4.0 - 9.99	21206	113290	188793	6513	0	195306	9.21	0.58	5.34
5	10 and Above	1158	16880	23430	0	0	23430	20.23	0.72	14.58
All Groups		918631	847216	4044994	11709	0	4056703	4.42	0.21	0.92

Table-2A

Estimated Area Cropped Once And More Than Once In Irrigated Areas By Size Groups.

Sl. No	Size Groups (Ha)	Irrigated Area						Net Irrigated Area	Gross Irrigated Area
		Cropped Once	Cropped Twice		Cropped More Than Twice				
			One Crop Irrigated	Both Crops Irrigated	One Crop Irrigated	Two Crops Irrigated	More Than Two Crops		
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	19052	4786	53526	0	76	642	78082	132968
2	1.0 - 1.99	21218	2353	46381	0	6	888	70846	119009
3	2.0 - 3.99	26081	3250	54846	0	38	1985	86200	145054
4	4.0 - 9.99	18885	1580	44209	20	55	1243	65992	112742
5	10 and Above	2032	617	7182	0	0	76	9907	17241
All Groups		87268	12586	206144	20	175	4834	311027	527014

Table-2B

Estimated Area Cropped Once And More Than Once In Unirrigated Areas By Size Groups.

Sl. No	Size Groups (Ha)	Unirrigated Area				Current Fallow Land	Other Uncultivated		Total Geographical Area
		Cropped Once	Cropped more than once	Net Unirrigated Area	Gross Unirrigated Area		Number	Area	
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	56370	119038	175408	299308	13142	430429	14427	281059
2	1.0 - 1.99	47307	75781	123088	201228	17606	122928	15636	227176
3	2.0 - 3.99	39252	49231	88483	141002	16172	58449	17956	208811
4	4.0 - 9.99	15035	16764	31799	50238	7584	15225	7915	113290
5	10 and Above	2206	1948	4154	6719	758	773	2059	16878
All Groups		160170	262762	422932	698495	55262	627804	57993	847214

Table-3**Estimated Area Under All Crops And Usage Of Chemical Fertilizers By Size Groups**

Sl. No	Size Groups (Ha)	No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With One or More Chemical Fertilizer			
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	
1	Below 1.0	I	275833	178629	103490	29475	132965	101980	6025	108005
		UI	487748	24530	11066	288246	299312	5337	3585	8922
		T	645443	198802	114556	317721	432277	107317	9610	116927
2	1.0 - 1.99	I	87103	52239	92921	26087	119008	91687	6119	97806
		UI	121554	6551	3920	197307	201227	2700	3044	5744
		T	162160	57178	96841	223394	320235	94387	9163	103550
3	2.0 - 3.99	I	48716	34654	126464	18587	145051	125053	6116	131169
		UI	51813	4770	4711	136290	141001	2605	2671	5276
		T	77460	37449	131175	154877	286052	127658	8787	136445
4	4.0 - 9.99	I	15749	13336	105963	6774	112737	103336	3202	106538
		UI	11145	1884	3601	46640	50241	2519	1825	4344
		T	21206	14045	109564	53414	162978	105855	5027	110882
5	10 and Above	I	791	728	16917	325	17242	16584	241	16825
		UI	575	69	813	5908	6721	580	240	820
		T	1158	745	17730	6233	23963	17164	481	17645
All Groups		I	428192	279586	445755	81248	527003	438640	21703	460343
		UI	672835	37804	24111	674391	698502	13741	11365	25106
		T	907427	308219	469866	755639	1225505	452381	33068	485449

Table-3 (contd.)**Estimated Area Under All Crops And Usage Of Chemical Fertilizers By Size Groups**

Sl. No	Size Groups (Ha)		Total Quantity Of Nutrients Applied (IN M.T)								
			HYV			OTHERS			TOTAL		
			N	P	K	N	P	K	N	P	K
1	2		11	12	13	14	15	16	17	18	19
1	Below 1.0	I	48061.40	9045.39	3590.00	5894.58	75.62	0.00	53955.98	9121.02	3590.00
		UI	3786.32	13.08	0.00	2946.07	32.64	0.00	6732.40	45.72	0.00
		T	51847.73	9058.47	3590.00	8840.65	108.26	0.00	60688.38	9166.73	3590.00
2	1.0 - 1.99	I	17590.88	4111.23	1244.58	2372.78	88.11	0.00	19963.67	4199.34	1244.58
		UI	712.27	9.87	0.00	1104.18	38.11	2.55	1816.45	47.98	2.55
		T	18303.15	4121.10	1244.58	3476.96	126.21	2.55	21780.11	4247.31	1247.13
3	2.0 - 3.99	I	16275.90	6078.46	2188.65	1806.38	62.50	0.00	18082.28	6140.96	2188.65
		UI	502.81	15.86	3.75	636.93	48.81	0.00	1139.74	64.67	3.75
		T	16778.70	6094.32	2192.41	2443.31	111.31	0.00	19222.02	6205.63	2192.41
4	4.0 - 9.99	I	7517.05	2824.49	1019.75	586.90	14.51	0.00	8103.95	2839.00	1019.75
		UI	218.70	12.13	1.06	248.24	14.42	0.00	466.94	26.55	1.06
		T	7735.74	2836.62	1020.82	835.15	28.93	0.00	8570.89	2865.55	1020.82
5	10 and Above	I	402.85	166.66	78.15	21.88	0.00	0.00	424.73	166.66	78.15
		UI	9.91	0.00	0.00	7.70	1.94	0.00	17.61	1.94	0.00
		T	412.75	166.66	78.15	29.58	1.94	0.00	442.33	168.60	78.15
All Groups		I	89848.07	22226.23	8121.14	10682.53	240.74	0.00	100530.60	22466.97	8121.14
		UI	5230.00	50.94	4.81	4943.13	135.92	2.55	10173.13	186.86	7.36
		T	95078.08	22277.17	8125.96	15625.65	376.66	2.55	110703.73	22653.83	8128.50

Table-3A

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Urea

N P K
46 0 0

Sl. No	Size Groups (Ha)	No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)			
		Total No	No. Treated With The Fertilizer	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
													3
1	Below 1.0	I	275833	173845	103490	29475	132965	100687	4974	105661	97116.36	12749.97	109866.33
		UI	487748	22396	11066	288246	299312	5337	3136	8473	8220.01	6376.75	14596.76
		T	645443	191784	114556	317721	432277	106024	8110	114134	105336.37	19126.72	124463.09
2	1.0 - 1.99	I	87103	50445	92921	26087	119008	90003	5423	95426	34836.60	5083.29	39919.88
		UI	121554	5529	3920	197307	201227	2621	2294	4915	1540.02	2367.97	3907.99
		T	162160	54610	96841	223394	320235	92624	7717	100341	36376.62	7451.25	43827.87
3	2.0 - 3.99	I	48716	33800	126464	18587	145051	123086	5471	128557	30477.47	3875.25	34352.73
		UI	51813	3719	4711	136290	141001	2489	1854	4343	1079.83	1343.12	2422.95
		T	77460	35829	131175	154877	286052	125575	7325	132900	31557.31	5218.37	36775.68
4	4.0 - 9.99	I	15749	13072	105963	6774	112737	101915	2853	104768	14163.60	1268.98	15432.59
		UI	11145	1612	3601	46640	50241	2363	1511	3874	465.19	527.39	992.58
		T	21206	13641	109564	53414	162978	104278	4364	108642	14628.79	1796.37	16425.16
5	10 and Above	I	791	728	16917	325	17242	16475	241	16716	743.37	47.57	790.94
		UI	575	60	813	5908	6721	580	95	675	21.54	15.08	36.62
		T	1158	736	17730	6233	23963	17055	336	17391	764.91	62.65	827.56
All Groups		I	428192	271890	445755	81248	527003	432166	18962	451128	177337.41	23025.06	200362.47
		UI	672835	33316	24111	674391	698502	13390	8890	22280	11326.60	10630.31	21956.90
		T	907427	296600	469866	755639	1225505	445556	27852	473408	188664.00	33655.37	222319.37

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Calcium Ammonium Nitrate

N P K
25 0 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	3492	103490	29475	132965	1599	0	1599	539.95	0.00	539.95
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	3492	114556	317721	432277	1599	0	1599	539.95	0.00	539.95
2	1.0 - 1.99	I	87103	1067	92921	26087	119008	1225	0	1225	253.75	0.00	253.75
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	1067	96841	223394	320235	1225	0	1225	253.75	0.00	253.75
3	2.0 - 3.99	I	48716	395	126464	18587	145051	1196	0	1196	86.25	0.00	86.25
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	395	131175	154877	286052	1196	0	1196	86.25	0.00	86.25
4	4.0 - 9.99	I	15749	0	105963	6774	112737	0	0	0	0.00	0.00	0.00
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	0	109564	53414	162978	0	0	0	0.00	0.00	0.00
5	10 and Above	I	791	0	16917	325	17242	0	0	0	0.00	0.00	0.00
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	0	17730	6233	23963	0	0	0	0.00	0.00	0.00
All Groups		I	428192	4954	445755	81248	527003	4020	0	4020	879.95	0.00	879.95
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	4954	469866	755639	1225505	4020	0	4020	879.95	0.00	879.95

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Single Super Phosphate

N P K
0 16 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	NO. Treated With The Fertilizer	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	648	103490	29475	132965	621	0	621	113.45	0.00	113.45
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	648	114556	317721	432277	621	0	621	113.45	0.00	113.45
2	1.0 - 1.99	I	87103	192	92921	26087	119008	625	0	625	48.12	0.00	48.12
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	192	96841	223394	320235	625	0	625	48.12	0.00	48.12
3	2.0 - 3.99	I	48716	449	126464	18587	145051	1881	0	1881	106.48	0.00	106.48
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	449	131175	154877	286052	1881	0	1881	106.48	0.00	106.48
4	4.0 - 9.99	I	15749	408	105963	6774	112737	3732	208	3940	155.03	7.96	162.99
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	408	109564	53414	162978	3732	208	3940	155.03	7.96	162.99
5	10 and Above	I	791	41	16917	325	17242	1248	0	1248	28.21	0.00	28.21
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	41	17730	6233	23963	1248	0	1248	28.21	0.00	28.21
All Groups		I	428192	1738	445755	81248	527003	8107	208	8315	451.29	7.96	459.25
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	1738	469866	755639	1225505	8107	208	8315	451.29	7.96	459.25

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Triple Super Phosphate

N 0 P 46 K 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	2437	103490	29475	132965	2640	0	2640	1362.16	0.00	1362.16
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	2437	114556	317721	432277	2640	0	2640	1362.16	0.00	1362.16
2	1.0 - 1.99	I	87103	1620	92921	26087	119008	2262	0	2262	682.67	0.00	682.67
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	1620	96841	223394	320235	2262	0	2262	682.67	0.00	682.67
3	2.0 - 3.99	I	48716	1519	126464	18587	145051	3713	8	3721	751.59	3.84	755.43
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	1519	131175	154877	286052	3713	8	3721	751.59	3.84	755.43
4	4.0 - 9.99	I	15749	956	105963	6774	112737	5162	29	5191	617.96	11.14	629.10
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	956	109564	53414	162978	5162	29	5191	617.96	11.14	629.10
5	10 and Above	I	791	13	16917	325	17242	284	0	284	12.45	0.00	12.45
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	13	17730	6233	23963	284	0	284	12.45	0.00	12.45
All Groups		I	428192	6545	445755	81248	527003	14061	37	14098	3426.82	14.99	3441.81
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	6545	469866	755639	1225505	14061	37	14098	3426.82	14.99	3441.81

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Murate of Potash

N P K
0 0 60

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The Fertilizer	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	6733	103490	29475	132965	2796	0	2796	661.45	0.00	661.45
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	6733	114556	317721	432277	2796	0	2796	661.45	0.00	661.45
2	1.0 - 1.99	I	87103	2076	92921	26087	119008	2475	0	2475	275.93	0.00	275.93
		UI	121554	33	3920	197307	201227	0	54	54	0.00	4.24	4.24
		T	162160	2109	96841	223394	320235	2475	54	2529	275.93	4.24	280.17
3	2.0 - 3.99	I	48716	1055	126464	18587	145051	2233	0	2233	171.68	0.00	171.68
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	1055	131175	154877	286052	2233	0	2233	171.68	0.00	171.68
4	4.0 - 9.99	I	15749	861	105963	6774	112737	3684	0	3684	123.06	0.00	123.06
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	861	109564	53414	162978	3684	0	3684	123.06	0.00	123.06
5	10 and Above	I	791	27	16917	325	17242	255	0	255	17.91	0.00	17.91
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	27	17730	6233	23963	255	0	255	17.91	0.00	17.91
All Groups		I	428192	10752	445755	81248	527003	11443	0	11443	1250.02	0.00	1250.02
		UI	672835	33	24111	674391	698502	0	54	54	0.00	4.24	4.24
		T	907427	10785	469866	755639	1225505	11443	54	11497	1250.02	4.24	1254.26

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Di-Ammonium Phosphate

N P K
18 46 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	79301	103490	29475	132965	38263	1884	40147	4276.49	164.40	4440.90
		UI	487748	4971	11066	288246	299312	518	683	1201	28.44	70.95	99.39
		T	645443	84012	114556	317721	432277	38781	2567	41348	4304.93	235.35	4540.29
2	1.0 - 1.99	I	87103	25457	92921	26087	119008	34887	1978	36865	3507.10	191.53	3698.63
		UI	121554	2114	3920	197307	201227	322	966	1288	21.45	82.85	104.30
		T	162160	27254	96841	223394	320235	35209	2944	38153	3528.55	274.38	3802.93
3	2.0 - 3.99	I	48716	16298	126464	18587	145051	41509	1663	43172	3239.20	132.03	3371.23
		UI	51813	1879	4711	136290	141001	301	1174	1475	18.17	106.12	124.28
		T	77460	17671	131175	154877	286052	41810	2837	44647	3257.36	238.15	3495.51
4	4.0 - 9.99	I	15749	5056	105963	6774	112737	23791	324	24115	1256.40	17.63	1274.03
		UI	11145	571	3601	46640	50241	792	519	1311	21.76	31.35	53.11
		T	21206	5404	109564	53414	162978	24583	843	25426	1278.16	48.98	1327.14
5	10 and Above	I	791	134	16917	325	17242	1809	0	1809	46.97	0.00	46.97
		UI	575	9	813	5908	6721	0	145	145	0.00	4.23	4.23
		T	1158	143	17730	6233	23963	1809	145	1954	46.97	4.23	51.20
All Groups		I	428192	126246	445755	81248	527003	140259	5849	146108	12326.16	505.60	12831.75
		UI	672835	9544	24111	674391	698502	1933	3487	5420	89.81	295.49	385.31
		T	907427	134484	469866	755639	1225505	142192	9336	151528	12415.97	801.09	13217.06

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Urea Ammonium Phosphate

N P K
28 28 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	NO. Treated With The Fertilizer	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	1296	103490	29475	132965	901	0	901	168.55	0.00	168.55
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	1296	114556	317721	432277	901	0	901	168.55	0.00	168.55
2	1.0 - 1.99	I	87103	288	92921	26087	119008	518	0	518	64.96	0.00	64.96
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	288	96841	223394	320235	518	0	518	64.96	0.00	64.96
3	2.0 - 3.99	I	48716	586	126464	18587	145051	1662	0	1662	194.18	0.00	194.18
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	586	131175	154877	286052	1662	0	1662	194.18	0.00	194.18
4	4.0 - 9.99	I	15749	290	105963	6774	112737	1613	0	1613	162.99	0.00	162.99
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	290	109564	53414	162978	1613	0	1613	162.99	0.00	162.99
5	10 and Above	I	791	0	16917	325	17242	0	0	0	0.00	0.00	0.00
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	0	17730	6233	23963	0	0	0	0.00	0.00	0.00
All Groups		I	428192	2460	445755	81248	527003	4694	0	4694	590.69	0.00	590.69
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	2460	469866	755639	1225505	4694	0	4694	590.69	0.00	590.69

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : N P K Mixture

N P K
12 32 16

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	10372	103490	29475	132965	6815	0	6815	19751.70	0.00	19751.70
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	10372	114556	317721	432277	6815	0	6815	19751.70	0.00	19751.70
2	1.0 - 1.99	I	87103	2983	92921	26087	119008	6792	0	6792	6524.53	0.00	6524.53
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	2983	96841	223394	320235	6792	0	6792	6524.53	0.00	6524.53
3	2.0 - 3.99	I	48716	4249	126464	18587	145051	17575	0	17575	12870.11	0.00	12870.11
		UI	51813	73	4711	136290	141001	14	0	14	23.45	0.00	23.45
		T	77460	4249	131175	154877	286052	17589	0	17589	12893.56	0.00	12893.56
4	4.0 - 9.99	I	15749	1951	105963	6774	112737	15879	0	15879	5809.20	0.00	5809.20
		UI	11145	41	3601	46640	50241	7	0	7	6.64	0.00	6.64
		T	21206	1951	109564	53414	162978	15886	0	15886	5815.84	0.00	5815.84
5	10 and Above	I	791	138	16917	325	17242	2621	0	2621	411.87	0.00	411.87
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	138	17730	6233	23963	2621	0	2621	411.87	0.00	411.87
All Groups		I	428192	19693	445755	81248	527003	49682	0	49682	45367.41	0.00	45367.41
		UI	672835	114	24111	674391	698502	21	0	21	30.09	0.00	30.09
		T	907427	19693	469866	755639	1225505	49703	0	49703	45397.50	0.00	45397.50

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : N P K Mixture

N P K
22 22 11

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	3439	103490	29475	132965	3025	0	3025	298.74	0.00	298.74
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	3439	114556	317721	432277	3025	0	3025	298.74	0.00	298.74
2	1.0 - 1.99	I	87103	1425	92921	26087	119008	3214	0	3214	319.10	0.00	319.10
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	1425	96841	223394	320235	3214	0	3214	319.10	0.00	319.10
3	2.0 - 3.99	I	48716	1125	126464	18587	145051	4614	0	4614	240.28	0.00	240.28
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	1125	131175	154877	286052	4614	0	4614	240.28	0.00	240.28
4	4.0 - 9.99	I	15749	562	105963	6774	112737	3730	0	3730	149.53	0.00	149.53
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	562	109564	53414	162978	3730	0	3730	149.53	0.00	149.53
5	10 and Above	I	791	36	16917	325	17242	1105	0	1105	13.71	0.00	13.71
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	36	17730	6233	23963	1105	0	1105	13.71	0.00	13.71
All Groups		I	428192	6587	445755	81248	527003	15688	0	15688	1021.36	0.00	1021.36
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	6587	469866	755639	1225505	15688	0	15688	1021.36	0.00	1021.36

Table-3A (contd.)

Estimated Area Under All Crops Treated With The Fertilizer By Size Groups

Fertilizer : Zinc Sul. Hep. Hyd/M.Hyd.

N P K
0 0 0

Sl. No	Size Groups (Ha)		No.of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Fertilizer			Total Quantity Of The Fertilizer Applied In (M.T)		
			Total No	No. Treated With The	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	43388	103490	29475	132965	30224	0	30224	889.69	0.00	889.69
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	43388	114556	317721	432277	30224	0	30224	889.69	0.00	889.69
2	1.0 - 1.99	I	87103	17336	92921	26087	119008	31291	71	31362	809.21	1.35	810.57
		UI	121554	96	3920	197307	201227	24	0	24	0.48	0.00	0.48
		T	162160	17336	96841	223394	320235	31315	71	31386	809.70	1.35	811.05
3	2.0 - 3.99	I	48716	15689	126464	18587	145051	51604	0	51604	1286.97	0.00	1286.97
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	15689	131175	154877	286052	51604	0	51604	1286.97	0.00	1286.97
4	4.0 - 9.99	I	15749	6347	105963	6774	112737	42238	0	42238	1137.41	0.00	1137.41
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	6347	109564	53414	162978	42238	0	42238	1137.41	0.00	1137.41
5	10 and Above	I	791	353	16917	325	17242	6774	0	6774	185.10	0.00	185.10
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	353	17730	6233	23963	6774	0	6774	185.10	0.00	185.10
All Groups		I	428192	83113	445755	81248	527003	162131	71	162202	4308.38	1.35	4309.73
		UI	672835	96	24111	674391	698502	24	0	24	0.48	0.00	0.48
		T	907427	83113	469866	755639	1225505	162155	71	162226	4308.86	1.35	4310.21

Table 4

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 101

Crop Name: PADDY

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)								
			Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL		
											N	P	K	N	P	K	N	P	K
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
1	Below 1.0	I	203288	112411	34945	12976	47921	34698	2429	37127	16220.75	3452.54	1545.82	2536.55	34.62	0.00	18559.30	3467.16	1545.82
		UI	333015	5661	900	53726	54626	291	532	823	285.94	1.82	0.00	505.51	3.02	0.00	791.46	4.85	0.00
		T	470279	117935	35845	66702	102547	34989	2961	37950	16506.69	3454.37	1545.82	2844.06	37.64	0.00	19350.76	3492.01	1545.82
2	1.0 - 1.99	I	69627	35151	27124	11426	38550	27013	2390	29403	5079.64	1050.03	425.52	866.45	36.42	0.00	5946.09	1066.45	425.52
		UI	89812	2067	202	33625	33827	88	528	616	43.99	1.67	0.00	209.99	6.17	0.00	253.98	7.83	0.00
		T	130852	36998	27326	45051	72377	27101	2918	30019	5123.64	1051.69	425.52	1076.44	42.59	0.00	6200.07	1094.28	425.52
3	2.0 - 3.99	I	40523	26726	39620	6497	46117	39501	1572	41073	4829.36	1096.70	703.36	411.68	16.06	0.00	5241.04	1112.84	703.36
		UI	34481	919	247	20248	20495	150	283	433	25.15	0.00	0.00	89.53	4.25	0.00	114.68	4.25	0.00
		T	62765	27406	39867	26745	66612	39651	1855	41506	4854.51	1096.70	703.36	501.21	20.30	0.00	5355.72	1117.00	703.36
4	4.0 - 9.99	I	13904	11570	35245	1965	37210	35118	694	35812	2270.46	801.71	298.95	111.51	2.33	0.00	2381.97	804.04	298.95
		UI	5576	243	85	6110	6195	43	144	187	7.22	0.00	0.00	32.33	1.31	0.00	39.55	1.31	0.00
		T	17676	11778	35330	8075	43405	35161	838	35999	2277.69	801.71	298.95	143.84	3.64	0.00	2421.52	805.35	298.95
5	10 and Above	I	690	663	6807	76	6883	6807	73	6880	142.78	67.77	28.96	4.93	0.00	0.00	147.70	67.77	28.96
		UI	226	17	9	608	617	9	5	14	0.80	0.00	0.00	0.03	0.07	0.00	0.83	0.07	0.00
		T	882	672	6816	684	7500	6816	78	6894	143.58	67.77	28.96	4.95	0.07	0.00	148.53	67.84	28.96
All Groups	I	328032	186521	143741	32940	176681	143137	7158	150295	28542.99	1066.84	3002.62	3753.12	89.43	0.00	32276.11	1156.27	3002.62	
	UI	463110	8907	1443	114317	115760	581	1492	2073	363.11	3.49	0.00	837.38	14.81	0.00	1200.49	18.30	0.00	
	T	682454	194789	145184	147257	292441	143718	8650	152368	28906.10	1072.33	3002.62	4570.50	104.24	0.00	33476.60	1176.57	3002.62	

Table 4 (contd.)**Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups**

Crop Id: 104

Crop Name: MAIZE

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	4514	2410	535	146	681	535	2	537	378.67	16.39	0.00	4.90	0.00	0.00	383.57	16.39	0.00
		UI	236878	8678	2641	13132	15773	1614	567	2181	1047.36	0.00	0.00	467.38	0.00	0.00	1514.75	0.00	0.00
		T	240607	11088	3176	13278	16454	2149	569	2718	1426.03	16.39	0.00	472.29	0.00	0.00	1898.32	16.39	0.00
2	1.0 - 1.99	I	2315	1295	604	136	740	553	28	581	178.21	18.58	0.00	28.65	0.00	0.00	206.86	18.58	0.00
		UI	70938	2627	1266	7294	8560	914	677	1591	180.29	0.00	0.00	224.63	0.20	0.00	404.92	0.20	0.00
		T	72685	3922	1870	7430	9300	1467	705	2172	358.50	18.58	0.00	253.28	0.20	0.00	611.78	18.78	0.00
3	2.0 - 3.99	I	1117	804	437	212	649	437	134	571	103.17	12.54	0.00	36.24	3.41	0.00	139.41	15.95	0.00
		UI	28867	1536	1112	6347	7459	676	564	1240	105.54	0.00	0.00	137.75	0.17	0.00	243.29	0.17	0.00
		T	29883	2340	1549	6559	8108	1113	698	1811	208.72	12.54	0.00	173.99	3.58	0.00	382.71	16.11	0.00
4	4.0 - 9.99	I	417	405	340	17	357	340	13	353	65.00	6.62	0.00	3.15	0.00	0.00	68.14	6.62	0.00
		UI	5775	576	789	2849	3638	472	470	942	34.92	0.00	0.00	59.47	1.21	0.00	94.39	1.21	0.00
		T	6175	963	1129	2866	3995	812	483	1295	99.91	6.62	0.00	62.62	1.21	0.00	162.53	7.83	0.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	350	16	36	496	532	5	17	22	1.67	0.00	0.00	0.80	0.00	0.00	2.47	0.00	0.00
		T	350	16	36	496	532	5	17	22	1.67	0.00	0.00	0.80	0.00	0.00	2.47	0.00	0.00
All Groups		I	8363	4914	1916	511	2427	1865	177	2042	725.04	54.12	0.00	72.94	3.41	0.00	797.98	57.53	0.00
		UI	342808	13433	5844	30118	35962	3681	2295	5976	1369.78	0.00	0.00	890.04	1.58	0.00	2259.82	1.58	0.00
		T	349700	18329	7760	30629	38389	5546	2472	8018	2094.82	54.12	0.00	962.98	4.99	0.00	3057.80	59.11	0.00

Table 4 (contd.)**Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups**

Crop Id: 105

Crop Name: RAGI

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	1461	264	1	138	139	1	0	1	25.54	0.00	0.00	0.00	0.00	0.00	25.54	0.00	0.00
		UI	338897	495	217	51397	51614	48	43	91	57.78	0.00	0.00	30.04	0.00	0.00	87.81	0.00	0.00
		T	340308	759	218	51535	51753	49	43	92	83.32	0.00	0.00	30.04	0.00	0.00	113.36	0.00	0.00
2	1.0 - 1.99	I	304	0	0	62	62	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	101344	138	33	38397	38430	5	35	40	6.00	0.00	0.00	7.34	0.02	0.00	13.34	0.02	0.00
		T	101392	138	33	38459	38492	5	35	40	6.00	0.00	0.00	7.34	0.02	0.00	13.34	0.02	0.00
3	2.0 - 3.99	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	39934	61	73	25575	25648	1	0	1	8.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00
		T	39934	61	73	25575	25648	1	0	1	8.00	0.00	0.00	0.00	0.00	0.00	8.00	0.00	0.00
4	4.0 - 9.99	I	18	0	0	6	6	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	7161	32	22	7997	8019	11	31	42	4.68	0.00	0.00	2.96	0.00	0.00	7.64	0.00	0.00
		T	7161	32	22	8003	8025	11	31	42	4.68	0.00	0.00	2.96	0.00	0.00	7.64	0.00	0.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	349	0	0	776	776	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	349	0	0	776	776	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Groups	I	1783	264	1	206	207	1	0	1	25.54	0.00	0.00	0.00	0.00	0.00	25.54	0.00	0.00	
	UI	487685	726	345	124142	124487	65	109	174	76.46	0.00	0.00	40.33	0.02	0.00	116.79	0.02	0.00	

T	489144	990	346	124348	124694	66	109	175	102.00	0.00	0.00	40.33	0.02	0.00	142.34	0.02	0.00
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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 106

Crop Name: WHEAT

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	217201	134977	43309	11613	54922	43169	2231	45400	20244.68	3948.75	1697.13	1999.95	35.53	0.00	22244.63	3984.28	1697.13
		UI	412265	14219	3093	84065	87158	2335	1165	3500	1363.94	6.00	0.00	797.35	3.46	0.00	2161.30	9.46	0.00
		T	550451	149059	46402	95678	142080	45504	3396	48900	21608.62	3954.75	1697.13	2797.30	38.99	0.00	24405.93	3993.74	1697.13
2	1.0 - 1.99	I	76244	43866	36316	10202	46518	36061	2241	38302	6785.15	1524.00	531.71	701.39	38.46	0.00	7486.54	1562.46	531.71
		UI	108822	3625	1171	54691	55862	993	837	1830	196.03	3.63	0.00	289.07	7.81	0.00	485.10	11.45	0.00
		T	150158	47175	37487	64893	102380	37054	3078	40132	6981.18	1527.63	531.71	990.47	46.27	0.00	7971.65	1573.91	531.71
3	2.0 - 3.99	I	44121	31353	48759	5658	54417	48668	1364	50032	6031.44	2387.66	919.96	276.98	20.74	0.00	6308.42	2408.40	919.96
		UI	43327	1863	930	34530	35460	730	597	1327	113.23	2.46	0.00	147.80	5.88	0.00	261.02	8.34	0.00
		T	73702	33049	49689	40188	89877	49398	1961	51359	6144.67	2390.12	919.96	424.78	26.62	0.00	6569.44	2416.74	919.96
4	4.0 - 9.99	I	14752	12649	41209	1638	42847	41089	588	41677	2563.96	1065.38	425.20	75.76	1.38	0.00	2639.72	1066.76	425.20
		UI	7883	651	878	10879	11757	836	436	1272	47.43	5.41	0.00	49.83	1.78	0.00	97.26	7.19	0.00
		T	20325	13199	42087	12517	54604	41925	1024	42949	2611.39	1070.79	425.20	125.59	3.16	0.00	2736.98	1073.95	425.20
5	10 and Above	I	712	678	7386	75	7461	7386	71	7457	145.02	60.74	34.09	3.78	0.00	0.00	148.79	60.74	34.09
		UI	419	33	41	1134	1175	17	76	93	1.38	0.00	0.00	2.62	0.61	0.00	3.99	0.61	0.00
		T	1064	703	7427	1209	8636	7403	147	7550	146.40	60.74	34.09	6.39	0.61	0.00	152.79	61.35	34.09
All Groups	I	353030	223523	176979	29186	206165	176373	6495	182868	35770.25	6988.52	3606.00	3057.66	96.11	0.00	38828.11	9062.62	3606.00	
	UI	572716	20391	6113	185299	191412	4911	3111	8022	1722.01	17.50	0.00	1288.66	19.54	0.00	3008.67	37.04	0.00	

T	795700	243185	183092	214485	397577	181284	9606	190890	37492.26	9004.0	3606.0	4344.3	115.65	0.00	41836.78	9119.6	3606.0
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Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 107

Crop Name: BARLEY

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	4110	50	8	189	197	8	0	8	11.33	0.00	0.00	0.00	0.00	0.00	11.33	0.00	0.00
		UI	255970	2726	159	16016	16175	132	95	227	70.55	0.00	0.00	283.65	0.52	0.00	354.20	0.52	0.00
		T	259965	2776	167	16205	16372	140	95	235	81.87	0.00	0.00	283.65	0.52	0.00	365.53	0.52	0.00
2	1.0 - 1.99	I	1135	136	1	104	105	1	16	17	3.30	0.00	0.00	16.96	0.00	0.00	20.26	0.00	0.00
		UI	84353	596	23	11538	11561	23	65	88	21.56	0.00	0.00	66.04	0.78	0.00	87.60	0.78	0.00
		T	85201	732	24	11642	11666	24	81	105	24.86	0.00	0.00	83.00	0.78	0.00	107.86	0.78	0.00
3	2.0 - 3.99	I	659	148	0	99	99	0	65	65	0.00	0.00	0.00	15.57	0.10	0.00	15.57	0.10	0.00
		UI	32500	137	30	7948	7978	0	24	24	0.00	0.00	0.00	14.06	0.39	0.00	14.06	0.39	0.00
		T	33021	285	30	8047	8077	0	89	89	0.00	0.00	0.00	29.63	0.48	0.00	29.63	0.48	0.00
4	4.0 - 9.99	I	98	99	16	31	47	16	31	47	8.15	0.47	0.00	5.09	0.04	0.00	13.24	0.50	0.00
		UI	5971	34	9	2937	2946	9	2	11	4.64	0.00	0.00	0.02	0.05	0.00	4.66	0.05	0.00
		T	6039	133	25	2968	2993	25	33	58	12.79	0.47	0.00	5.11	0.08	0.00	17.89	0.55	0.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	334	0	0	309	309	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	334	0	0	309	309	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		I	6002	433	25	423	448	25	112	137	22.77	0.47	0.00	37.63	0.14	0.00	60.39	0.60	0.00

All Groups	UI	379128	3493	221	38748	38969	164	186	350	96.74	0.00	0.00	363.77	1.73	0.00	460.51	1.73	0.00
	T	384560	3926	246	39171	39417	189	298	487	119.51	0.47	0.00	401.39	1.86	0.00	520.90	2.33	0.00

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 109

Crop Name: JOBSTEARS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	365	0	0	30	30	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	198771	251	0	23568	23568	0	6	6	0.00	0.00	0.00	0.09	0.23	0.00	0.09	0.23	0.00
		T	199020	251	0	23598	23598	0	6	6	0.00	0.00	0.00	0.09	0.23	0.00	0.09	0.23	0.00
2	1.0 - 1.99	I	39	0	0	2	2	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	76866	90	0	20949	20949	0	13	13	0.00	0.00	0.00	8.12	0.29	0.00	8.12	0.29	0.00
		T	76866	90	0	20951	20951	0	13	13	0.00	0.00	0.00	8.12	0.29	0.00	8.12	0.29	0.00
3	2.0 - 3.99	I	29	0	0	3	3	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	30583	21	0	14742	14742	0	3	3	0.00	0.00	0.00	0.10	0.25	0.00	0.10	0.25	0.00
		T	30583	21	0	14745	14745	0	3	3	0.00	0.00	0.00	0.10	0.25	0.00	0.10	0.25	0.00
4	4.0 - 9.99	I	17	17	1	0	1	1	0	1	2.90	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00
		UI	5113	15	0	4303	4303	0	15	15	0.00	0.00	0.00	1.51	0.00	0.00	1.51	0.00	0.00
		T	5130	32	1	4303	4304	1	15	16	2.90	0.00	0.00	1.51	0.00	0.00	4.42	0.00	0.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	268	0	0	523	523	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	268	0	0	523	523	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		I	450	17	1	35	36	1	0	1	2.90	0.00	0.00	0.00	0.00	0.00	2.90	0.00	0.00

All Groups	UI	311601	377	0	64085	64085	0	37	37	0.00	0.00	0.00	9.82	0.77	0.00	9.82	0.77	0.00
	T	311867	394	1	64120	64121	1	37	38	2.90	0.00	0.00	9.82	0.77	0.00	12.72	0.77	0.00

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 199

Crop Name: TOTAL CEREALS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	237909	145984	78822	25097	103919	78434	4661	83095	36901.31	7417.68	3242.97	4343.41	70.15	0.00	41244.73	7467.63	3242.97
		UI	453995	18391	7009	247325	254334	4420	2427	6847	2825.58	7.83	0.00	2146.00	7.24	0.00	4971.57	15.07	0.00
		T	589218	162387	85831	272422	358253	82854	7088	89942	39726.89	7425.51	3242.97	6489.41	77.39	0.00	46216.30	7502.90	3242.97
2	1.0 - 1.99	I	81185	46634	64044	21960	86004	63627	4679	68306	12046.30	2592.61	957.23	1613.47	74.89	0.00	13659.78	2667.50	957.23
		UI	114771	5026	2695	171240	173935	2024	2175	4199	447.88	5.30	0.00	809.85	15.27	0.00	1257.73	20.57	0.00
		T	154477	50813	66739	193200	259939	65651	6854	72505	12494.18	2597.94	957.23	2423.32	90.15	0.00	14917.51	2688.06	957.23
3	2.0 - 3.99	I	47039	33017	88816	12514	101330	88607	3137	91744	10963.98	4096.90	1623.52	740.48	40.31	0.00	11704.45	4137.20	1623.52
		UI	46023	2833	2411	113643	116054	1557	1472	3029	251.92	2.46	0.00	389.24	10.93	0.00	641.16	13.39	0.00
		T	75374	35142	91227	126157	217384	90164	4609	94773	11215.90	4099.44	1623.52	1129.71	51.24	0.00	12345.61	4150.66	1623.52
4	4.0 - 9.99	I	15431	13016	76811	3659	80470	76565	1325	77890	4910.48	1874.17	724.15	195.51	3.75	0.00	5105.99	1877.93	724.15
		UI	8628	914	1805	36875	38680	1370	1098	2468	98.89	5.41	0.00	146.12	4.35	0.00	245.00	9.75	0.00
		T	20813	13671	78616	40534	119150	77935	2423	80358	5009.37	1879.58	724.15	341.63	8.10	0.00	5351.00	1887.68	724.15
5	10 and Above	I	726	700	14194	151	14345	14194	144	14338	287.80	128.51	63.05	8.70	0.00	0.00	296.50	128.51	63.05
		UI	433	33	87	3864	3951	31	98	129	3.85	0.00	0.00	3.45	0.68	0.00	7.30	0.68	0.00
		T	1092	717	14281	4015	18296	14225	242	14467	291.65	128.51	63.05	12.15	0.68	0.00	303.79	129.19	63.05

5	10 and Above	UI	97	0	0	105	105	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	97	0	0	105	105	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Groups	I	3096	949	302	166	468	202	0	202	145.23	2.51	0.12	0.00	0.00	0.00	145.23	2.51	0.12
	UI	168589	815	336	14000	14336	42	8	50	139.28	0.00	0.00	0.04	0.11	0.00	139.32	0.11	0.00
	T	171215	1764	638	14166	14804	244	8	252	284.51	2.51	0.12	0.04	0.11	0.00	284.55	2.61	0.12

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 299

Crop Name: TOTAL PULSES

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	2005	858	125	84	209	125	18	143	140.80	0.00	0.00	13.31	0.00	0.00	154.11	0.00	0.00
		UI	210422	1580	347	18785	19132	73	138	211	144.51	0.17	0.00	45.97	0.23	0.00	190.49	0.40	0.00
		T	212290	2538	472	18869	19341	198	156	354	285.31	0.17	0.00	59.28	0.23	0.00	344.59	0.40	0.00
2	1.0 - 1.99	I	1746	562	114	174	288	105	23	128	46.08	1.53	0.00	9.03	0.00	0.00	55.11	1.53	0.00
		UI	65625	528	175	11387	11562	92	52	144	74.52	0.31	0.00	31.40	1.05	0.00	105.92	1.36	0.00
		T	66989	1090	289	11561	11850	197	75	272	120.61	1.84	0.00	40.43	1.05	0.00	161.04	2.89	0.00
3	2.0 - 3.99	I	2265	546	263	278	541	122	37	159	71.17	49.23	23.21	21.87	0.00	0.00	93.04	49.23	23.21
		UI	30023	448	229	8996	9225	71	57	128	40.59	0.27	0.00	6.87	2.48	0.00	47.45	2.76	0.00
		T	31991	994	492	9274	9766	193	94	287	111.75	49.51	23.21	28.74	2.48	0.00	140.49	51.99	23.21
4	4.0 - 9.99	I	1288	423	744	58	802	536	0	536	69.70	53.11	25.16	0.00	0.00	0.00	69.70	53.11	25.16
		UI	6234	135	154	3637	3791	45	21	66	13.56	0.83	0.00	5.72	0.56	0.00	19.28	1.39	0.00
		T	7485	558	898	3695	4593	581	21	602	83.26	53.94	25.16	5.72	0.56	0.00	88.98	54.50	25.16

5	10 and Above	I	21	0	0	2	2	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		UI	215	9	0	465	465	0	43	43	0.00	0.00	0.00	0.24	0.61	0.00	0.24	0.61	0.00
		T	236	9	0	467	467	0	43	43	0.00	0.00	0.00	0.24	0.61	0.00	0.24	0.61	0.00
All Groups	I	7325	2389	1246	596	1842	888	78	966	327.75	103.87	48.37	44.21	0.00	0.00	371.96	103.87	48.37	
	UI	312519	2700	905	43270	44175	281	311	592	273.18	1.58	0.00	90.20	4.94	0.00	363.38	6.52	0.00	
	T	318991	5189	2151	43866	46017	1169	389	1558	600.93	105.45	48.37	134.41	4.94	0.00	735.34	110.39	48.37	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 399

Crop Name: TOTAL FOODGRAINS

Sl. No	Size Groups	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	238174	146274	78946	25182	104128	78558	4679	83237	37042.11	7417.68	3242.97	4336.72	70.15	0.00	41398.83	7467.62	3242.97
		UI	457957	19043	7357	266110	273467	4494	2566	7060	2970.09	8.00	0.00	2191.97	7.47	0.00	5162.06	15.47	0.00
		T	593058	163306	86303	291292	377595	83052	7245	90297	40012.20	7425.68	3242.97	6546.70	77.62	0.00	46560.89	7503.52	3242.97
2	1.0 - 1.99	I	81185	46634	64158	22134	86292	63733	4702	68435	12092.39	2594.14	957.23	1622.50	74.89	0.00	13714.89	2669.02	957.23
		UI	115940	5156	2870	182625	185495	2116	2227	4343	522.40	5.61	0.00	841.26	16.32	0.00	1363.66	21.93	0.00
		T	155235	50910	67028	204759	271787	65849	6929	72778	12614.79	2599.75	957.23	2463.76	91.20	0.00	15078.55	2690.92	957.23
3	2.0 - 3.99	I	47039	33017	89079	12792	101871	88729	3174	91903	11035.14	4146.22	1646.54	762.34	40.31	0.00	11797.49	4166.52	1646.54
		UI	46760	3149	2640	122642	125282	1628	1528	3156	292.51	2.73	0.00	396.11	13.41	0.00	688.61	16.14	0.00
		T	75553	35203	91719	135434	227153	90357	4702	95059	11327.65	4148.95	1646.54	1158.45	53.72	0.00	12486.10	4202.67	1646.54
4	4.0 - 9.99	I	15473	13058	77557	3716	81273	77102	1325	78427	4980.18	1927.28	749.31	195.51	3.75	0.00	5175.69	1931.04	749.31
		UI	8873	1016	1958	40514	42472	1415	1118	2533	112.45	6.23	0.00	151.84	4.91	0.00	264.29	11.15	0.00
		T	20874	13730	79515	44230	123745	78517	2443	80960	5092.63	1933.52	749.31	347.35	8.66	0.00	5439.98	1942.18	749.31

5	10 and Above	I	726	700	14194	153	14347	14194	144	14338	287.80	128.51	63.05	8.70	0.00	0.00	296.50	128.51	63.05
		UI	441	33	87	4326	4413	31	140	171	3.85	0.00	0.00	3.69	1.29	0.00	7.54	1.29	0.00
		T	1092	717	14281	4479	18760	14225	284	14509	291.65	128.51	63.05	12.39	1.29	0.00	304.03	129.80	63.05
All Groups	I	382597	239683	323934	63977	387911	322316	14024	336340	65437.62	16213.85	6659.00	6945.78	189.09	0.00	72383.40	16402.04	6659.00	
	UI	629971	28397	14912	616217	631129	9684	7579	17263	3901.30	22.57	0.00	3564.86	43.40	0.00	7486.15	65.97	0.00	
	T	845812	263866	338846	680194	1019040	332000	21603	353603	69338.92	16236.42	6659.00	10530.64	232.49	0.00	79869.56	16468.01	6659.00	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 401

Crop Name: SUGARCANE

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	53709	53708	20474	245	20719	20474	245	20719	9145.85	1568.68	347.04	111.42	0.00	0.00	9257.27	1568.68	347.04
		UI	679	264	228	23	251	19	0	19	32.84	0.00	0.00	0.00	0.00	0.00	32.84	0.00	0.00
		T	54388	53972	20702	268	20970	20493	245	20738	9178.69	1568.68	347.04	111.42	0.00	0.00	9290.11	1568.68	347.04
2	1.0 - 1.99	I	25114	24987	25655	348	26003	25440	348	25788	4299.59	1402.67	248.20	90.74	9.94	0.00	4390.33	1412.61	248.20
		UI	291	192	85	14	99	85	0	85	35.47	1.11	0.00	0.00	0.00	0.00	35.47	1.11	0.00
		T	25309	25083	25740	362	26102	25525	348	25873	4335.06	1403.78	248.20	90.74	9.94	0.00	4425.80	1413.72	248.20
3	2.0 - 3.99	I	19589	19485	32190	208	32398	31926	208	32134	3978.22	1111.73	455.61	29.75	6.32	0.00	4007.97	1124.05	455.61
		UI	103	30	139	0	139	50	0	50	5.83	0.00	0.00	0.00	0.00	0.00	5.83	0.00	0.00
		T	19619	19515	32329	208	32537	31976	208	32184	3984.05	1111.73	455.61	29.75	6.32	0.00	4013.80	1124.05	455.61
4	4.0 - 9.99	I	8051	7968	23094	44	23138	22814	44	22858	1745.65	742.27	208.85	5.11	1.09	0.00	1750.76	743.36	208.85
		UI	31	31	55	0	55	55	0	55	3.36	0.73	0.00	0.00	0.00	0.00	3.36	0.73	0.00
		T	8082	7999	23149	44	23193	22869	44	22913	1749.01	743.01	208.85	5.11	1.09	0.00	1754.12	744.09	208.85

5	10 and Above	I	314	314	1681	1	1682	1681	0	1681	74.93	34.45	13.50	0.00	0.00	0.00	74.93	34.45	13.50	
		UI	8	0	12	0	12	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	314	314	1693	1	1694	1681	0	1681	74.93	34.45	13.50	0.00	0.00	0.00	74.93	34.45	13.50	
All Groups	I	106777	106462	103094	846	103940	102335	845	103180	19244.24	5465.80	1273.20	237.03	17.34	0.00	19481.27	5465.80	1273.20		
	UI	1112	517	519	37	556	209	0	209	77.50	1.84	0.00	0.00	0.00	0.00	77.50	1.84	0.00		
	T	107712	106883	103613	883	104496	102544	845	103389	19321.74	5467.64	1273.20	237.03	17.34	0.00	19558.77	5467.64	1273.20		

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 599

Crop Name: TOTAL SPICES & CONDIMENTS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	3539	1057	136	99	235	136	45	181	52.91	0.00	0.00	125.28	0.00	0.00	178.19	0.00	0.00
		UI	120314	2890	192	5103	5295	112	238	350	172.72	0.00	0.00	294.26	0.17	0.00	466.98	0.17	0.00
		T	122035	3419	328	5202	5530	248	283	531	225.63	0.00	0.00	419.54	0.17	0.00	645.17	0.17	0.00
2	1.0 - 1.99	I	1123	302	0	91	91	0	33	33	0.00	0.00	0.00	41.20	0.04	0.00	41.20	0.04	0.00
		UI	36413	978	48	2761	2809	10	137	147	15.11	0.00	0.00	113.46	0.28	0.00	128.57	0.28	0.00
		T	37169	1232	48	2852	2900	10	170	180	15.11	0.00	0.00	154.65	0.32	0.00	169.77	0.32	0.00
3	2.0 - 3.99	I	994	273	0	126	126	0	39	39	0.00	0.00	0.00	60.52	0.00	0.00	60.52	0.00	0.00
		UI	14568	800	35	2127	2162	23	150	173	14.07	0.00	0.00	101.61	0.31	0.00	115.68	0.31	0.00
		T	14917	860	35	2253	2288	23	189	212	14.07	0.00	0.00	162.12	0.31	0.00	176.19	0.31	0.00
4	4.0 - 9.99	I	193	105	0	28	28	0	18	18	0.00	0.00	0.00	17.43	0.00	0.00	17.43	0.00	0.00
		UI	3103	315	63	901	964	48	101	149	13.38	0.00	0.00	35.45	0.07	0.00	48.83	0.07	0.00

		T	3121	332	63	929	992	48	119	167	13.38	0.00	0.00	52.88	0.07	0.00	66.26	0.07	0.00	
5	10 and Above	I	8	0	0	3	3	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	198	16	0	89	89	0	27	27	0.00	0.00	0.00	2.95	0.00	0.00	2.95	0.00	0.00	
		T	206	16	0	92	92	0	27	27	0.00	0.00	0.00	2.95	0.00	0.00	2.95	0.00	0.00	
All Groups	I	5857	1737	136	347	483	136	135	271	52.91	0.00	0.00	244.42	0.04	0.00	297.33	0.04	0.00		
	UI	174596	4999	338	10981	11319	193	653	846	215.28	0.00	0.00	547.72	0.83	0.00	763.00	0.83	0.00		
	T	177448	5859	474	11328	11802	329	788	1117	268.19	0.00	0.00	792.15	0.87	0.00	1060.34	0.87	0.00		

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 699

Crop Name: TOTAL FRUIT

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	2613	0	526	162	688	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	2514	0	254	255	509	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	5127	0	780	417	1197	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	1018	532	471	40	511	258	0	258	87.79	12.34	6.17	0.00	0.00	0.00	87.79	12.34	6.17
		UI	1403	129	179	410	589	17	70	87	8.00	0.00	0.00	0.87	2.23	2.55	8.87	2.23	2.55
		T	2421	661	650	450	1100	275	70	345	95.79	12.34	6.17	0.87	2.23	2.55	96.66	14.57	8.71
3	2.0 - 3.99	I	1537	743	1261	252	1513	688	78	766	110.72	35.47	17.74	31.22	1.77	0.00	141.94	37.24	17.74
		UI	1210	0	151	952	1103	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	2747	743	1412	1204	2616	688	78	766	110.72	35.47	17.74	31.22	1.77	0.00	141.94	37.24	17.74
4	4.0 - 9.99	I	1105	515	1879	336	2215	429	251	680	62.38	20.37	10.19	8.18	2.48	0.00	70.56	22.85	10.19
		UI	394	18	106	837	943	102	0	102	0.17	0.44	0.00	0.00	0.00	0.00	0.17	0.44	0.00

		T	1499	533	1985	1173	3158	531	251	782	62.55	20.81	10.19	8.18	2.48	0.00	70.73	23.29	10.19
5	10 and Above	I	106	49	797	0	797	464	0	464	11.77	3.22	1.61	0.00	0.00	0.00	11.77	3.22	1.61
		UI	196	0	103	1237	1340	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	302	49	900	1237	2137	464	0	464	11.77	3.22	1.61	0.00	0.00	0.00	11.77	3.22	1.61
All Groups	I	6379	1839	4934	790	5724	1839	329	2168	272.66	71.40	35.70	39.40	4.25	0.00	312.05	75.65	35.70	
	UI	5717	147	793	3691	4484	119	70	189	8.17	0.44	0.00	0.87	2.23	2.55	9.04	2.66	2.55	
	T	12096	1986	5727	4481	10208	1958	399	2357	280.83	71.83	35.70	40.27	6.48	2.55	321.10	78.31	38.24	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 701

Crop Name: POTATO

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	8003	3426	486	432	918	486	284	770	163.46	5.68	0.00	191.18	3.65	0.00	354.64	9.33	0.00
		UI	46454	3068	207	3078	3285	188	533	721	184.88	0.00	0.00	135.62	20.21	0.00	320.51	20.21	0.00
		T	53878	6494	693	3510	4203	674	817	1491	348.34	5.68	0.00	326.80	23.86	0.00	675.14	29.54	0.00
2	1.0 - 1.99	I	2149	752	33	281	314	0	156	156	0.00	0.00	0.00	110.20	1.90	0.00	110.20	1.90	0.00
		UI	15773	1101	123	2570	2693	119	466	585	47.85	0.00	0.00	59.39	17.79	0.00	107.25	17.79	0.00
		T	17826	1805	156	2851	3007	119	622	741	47.85	0.00	0.00	169.60	19.68	0.00	217.45	19.68	0.00
3	2.0 - 3.99	I	1786	1011	156	412	568	156	336	492	32.77	6.12	0.00	99.77	6.53	0.00	132.54	12.65	0.00
		UI	8444	930	175	2750	2925	160	728	888	24.12	1.91	0.00	31.83	31.43	0.00	55.95	33.34	0.00
		T	10071	1880	331	3162	3493	316	1064	1380	56.90	8.02	0.00	131.60	37.96	0.00	188.49	45.98	0.00
		I	677	494	71	196	267	71	160	231	17.20	0.62	0.31	41.42	6.93	0.00	58.62	7.55	0.31

4	4.0 - 9.99	UI	1791	243	129	1360	1489	117	284	401	13.53	0.00	0.00	3.87	5.70	0.00	17.40	5.70	0.00
		T	2434	720	200	1556	1756	188	444	632	30.73	0.62	0.31	45.30	12.63	0.00	76.02	13.24	0.31
5	10 and Above	I	8	8	0	1	1	0	1	1	0.00	0.00	0.00	1.86	0.00	0.00	1.86	0.00	0.00
		UI	45	9	0	61	61	0	55	55	0.00	0.00	0.00	0.26	0.66	0.00	0.26	0.66	0.00
		T	53	17	0	62	62	0	56	56	0.00	0.00	0.00	2.12	0.66	0.00	2.12	0.66	0.00
All Groups	I	12623	5691	746	1322	2068	713	937	1650	213.43	12.42	0.31	444.42	19.00	0.00	657.86	31.42	0.31	
	UI	72507	5351	634	9819	10453	584	2066	2650	270.39	1.91	0.00	230.98	75.78	0.00	501.36	77.68	0.00	
	T	84262	10916	1380	11141	12521	1297	3003	4300	483.82	14.32	0.31	675.40	94.78	0.00	1159.22	109.10	0.31	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 799

Crop Name: ALL VEGETABLES

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	17552	6640	946	1167	2113	935	335	1270	552.50	22.51	0.00	323.74	4.01	0.00	876.24	26.52	0.00
		UI	141095	5030	453	9452	9905	346	679	1025	339.97	0.00	0.00	327.54	23.30	0.00	667.50	23.30	0.00
		T	154834	11670	1399	10619	12018	1281	1014	2295	892.46	22.51	0.00	651.27	27.31	0.00	1543.74	49.82	0.00
2	1.0 - 1.99	I	7640	2628	688	1093	1781	645	223	868	251.72	19.72	0.58	178.55	2.09	0.00	430.27	21.81	0.58
		UI	40820	1686	208	6435	6643	161	567	728	68.88	0.64	0.00	136.93	17.79	0.00	205.82	18.43	0.00
		T	46397	4188	896	7528	8424	806	790	1596	320.60	20.36	0.58	315.48	19.87	0.00	636.08	40.23	0.58
3	2.0 - 3.99	I	5708	2627	1000	1126	2126	997	435	1432	226.02	27.55	0.16	164.24	10.54	0.00	390.26	38.09	0.16
		UI	19112	1478	362	6444	6806	196	824	1020	47.41	1.95	0.00	93.86	31.70	0.00	141.27	33.64	0.00
		T	22770	3811	1362	7570	8932	1193	1259	2452	273.44	29.50	0.16	258.09	42.24	0.00	531.53	71.74	0.16

4	4.0 - 9.99	I	15749	13336	103312	4554	107866	100920	1852	102772	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		UI	8951	1245	2326	44963	47289	1740	1586	3326	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	21142	14045	105638	49517	155155	102660	3438	106098	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	10 and Above	I	792	728	16783	161	16944	16450	145	16595	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	449	33	202	5833	6035	31	240	271	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	1158	745	16985	5994	22979	16481	385	16866	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Groups	I	423237	277701	435625	69778	505403	429887	16538	446425	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	UI	639101	33914	17729	656226	673955	11026	10808	21834	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
	T	893487	305835	453354	726004	1179358	440913	27346	468259	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 1001

Crop Name: GROUNDNUT

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	0	0	0	0	0	0	0	0	46793.37	9006.87	3590.00	4917.10	74.16	0.00	51710.54	9063.04	3590.00
		UI	4873	0	1196	32	1228	0	0	0	3515.62	8.00	0.00	2813.77	30.94	0.00	6329.38	38.94	0.00
		T	4873	0	1196	32	1228	0	0	0	50308.99	9016.87	3590.00	7730.93	105.11	0.00	58039.92	9121.98	3590.00
2	1.0 - 1.99	I	0	0	0	0	0	0	0	0	16731.49	4026.88	1212.18	1933.00	86.95	0.00	18664.49	4115.82	1212.18
		UI	1432	0	53	215	268	0	0	0	649.87	7.37	0.00	1092.52	36.61	2.55	1742.39	43.98	2.55
		T	1432	0	53	215	268	0	0	0	17381.36	4036.25	1212.18	3025.52	123.56	2.55	20406.88	4159.81	1214.73
3	2.0 - 3.99	I	0	0	0	0	0	0	0	0	15350.11	5926.98	2120.05	1048.08	58.93	0.00	16398.18	5965.91	2120.05
		UI	855	0	152	164	316	0	0	0	359.82	4.68	0.00	591.57	45.42	0.00	951.39	50.09	0.00

3	2.0 - 3.99	UI	1467	0	5	233	238	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	1543	0	5	244	249	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		UI	447	0	65	65	130	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	447	0	65	65	130	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	10 and Above	UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Groups		I	320	68	7	43	50	7	7	14	3.30	0.00	0.00	7.62	0.00	0.00	10.92	0.00	0.00	
		UI	13512	264	218	1029	1247	148	0	148	52.91	0.00	0.00	0.00	0.00	0.00	52.91	0.00	0.00	
		T	13832	332	225	1072	1297	155	7	162	56.21	0.00	0.00	7.62	0.00	0.00	63.83	0.00	0.00	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 1004

Crop Name: RAPESEED & MUSTARD (TORIA/TARAMIRA)

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19			
1	Below 1.0	I	1800	1062	467	24	491	467	0	467	187.37	14.19	0.00	0.00	0.00	0.00	187.37	14.19	0.00
		UI	18328	0	216	867	1083	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	19780	1062	683	891	1574	467	0	467	187.37	14.19	0.00	0.00	0.00	0.00	187.37	14.19	0.00
2	1.0 - 1.99	I	1961	1476	392	112	504	392	61	453	236.81	71.11	32.40	14.42	1.16	0.00	251.23	72.26	32.40
		UI	7155	0	17	652	669	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	8959	1476	409	764	1173	392	61	453	236.81	71.11	32.40	14.42	1.16	0.00	251.23	72.26	32.40

3	2.0 - 3.99	I	1482	932	577	84	661	518	22	540	150.43	52.19	24.62	13.74	1.02	0.00	164.17	53.22	24.62	
		UI	4401	146	301	732	1033	154	0	154	27.00	0.00	0.00	0.00	0.00	0.00	0.00	27.00	0.00	0.00
		T	5703	1078	878	816	1694	672	22	694	177.43	52.19	24.62	13.74	1.02	0.00	0.00	191.17	53.22	24.62
4	4.0 - 9.99	I	666	625	478	140	618	466	140	606	92.90	27.30	11.96	7.83	0.00	0.00	0.00	100.73	27.30	11.96
		UI	1075	124	162	244	406	140	0	140	15.03	2.13	1.06	0.00	0.00	0.00	0.00	15.03	2.13	1.06
		T	1741	749	640	384	1024	606	140	746	107.93	29.42	13.02	7.83	0.00	0.00	0.00	115.76	29.42	13.02
5	10 and Above	I	8	0	0	3	3	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	46	0	57	15	72	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	54	0	57	18	75	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Groups		I	5917	4095	1914	363	2277	1843	223	2066	667.51	164.78	68.98	35.99	2.18	0.00	0.00	703.49	166.96	68.98
		UI	31005	270	753	2510	3263	294	0	294	42.03	2.13	1.06	0.00	0.00	0.00	0.00	42.03	2.13	1.06
		T	36237	4365	2667	2873	5540	2137	223	2360	709.53	166.91	70.04	35.99	2.18	0.00	0.00	745.52	169.09	70.04

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 1009

Crop Name: SOYABEAN

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	1429	1021	320	15	335	320	8	328	24.76	11.30	0.00	39.37	0.00	0.00	64.13	11.30	0.00
		UI	18079	737	200	999	1199	200	31	231	86.75	5.09	0.00	24.96	1.70	0.00	111.71	6.78	0.00
		T	19508	1758	520	1014	1534	520	39	559	111.51	16.39	0.00	64.33	1.70	0.00	175.83	18.08	0.00
2	1.0 - 1.99	I	601	374	188	20	208	188	0	188	21.05	6.71	0.00	0.00	0.00	0.00	21.05	6.71	0.00
		UI	8902	203	185	929	1114	151	20	171	17.78	2.34	0.00	6.98	1.48	0.00	24.76	3.83	0.00

		T	9503	577	373	949	1322	339	20	359	38.83	9.06	0.00	6.98	1.48	0.00	45.82	10.54	0.00
3	2.0 - 3.99	I	378	296	257	5	262	257	0	257	25.03	4.77	0.00	0.00	0.00	0.00	25.03	4.77	0.00
		UI	3597	326	459	617	1076	376	53	429	27.25	3.13	0.00	14.56	2.73	0.00	41.81	5.86	0.00
		T	3975	622	716	622	1338	633	53	686	52.28	7.90	0.00	14.56	2.73	0.00	66.83	10.63	0.00
4	4.0 - 9.99	I	337	337	317	0	317	317	0	317	37.16	8.05	0.20	0.00	0.00	0.00	37.16	8.05	0.20
		UI	738	247	571	225	796	571	67	638	24.85	2.59	0.00	12.38	3.10	0.00	37.24	5.69	0.00
		T	1075	584	888	225	1113	888	67	955	62.01	10.63	0.20	12.38	3.10	0.00	74.40	13.74	0.20
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	36	36	549	0	549	549	0	549	6.06	0.00	0.00	0.00	0.00	0.00	6.06	0.00	0.00
		T	36	36	549	0	549	549	0	549	6.06	0.00	0.00	0.00	0.00	0.00	6.06	0.00	0.00
All Groups		I	2745	2028	1082	40	1122	1082	8	1090	108.01	30.83	0.20	39.37	0.00	0.00	147.37	30.83	0.20
		UI	31352	1549	1964	2770	4734	1847	171	2018	162.69	13.15	0.00	58.88	9.01	0.00	221.57	22.15	0.00
		T	34097	3577	3046	2810	5856	2929	179	3108	270.69	43.98	0.20	98.25	9.01	0.00	368.94	52.98	0.20

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 1099

Crop Name: TOTAL OILSEEDS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	4541	2470	812	264	1076	812	8	820	267.14	25.49	0.00	39.37	0.00	0.00	306.50	25.49	0.00
		UI	66767	1325	1766	3343	5109	354	31	385	170.97	5.09	0.00	24.96	1.70	0.00	195.93	6.78	0.00
		T	70961	3795	2578	3607	6185	1166	39	1205	438.10	30.57	0.00	64.33	1.70	0.00	502.43	32.27	0.00
		I	2963	1875	662	211	873	638	68	706	281.97	77.82	32.40	22.04	1.16	0.00	304.01	78.98	32.40

2	1.0 - 1.99	I	96	96	78	0	78	78	0	78	22.58	0.00	0.00	0.00	0.00	0.00	22.58	0.00	0.00	
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	96	96	78	0	78	78	0	78	22.58	0.00	0.00	0.00	0.00	0.00	0.00	22.58	0.00	0.00
3	2.0 - 3.99	I	76	0	0	21	21	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	76	0	0	21	21	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	114	83	25	7	32	25	0	25	15.66	0.00	0.00	0.00	0.00	0.00	15.66	0.00	0.00	
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	114	83	25	7	32	25	0	25	15.66	0.00	0.00	0.00	0.00	0.00	15.66	0.00	0.00	
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
All Groups		I	286	179	103	28	131	103	0	103	38.24	0.00	0.00	0.00	0.00	0.00	38.24	0.00	0.00	
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	286	179	103	28	131	103	0	103	38.24	0.00	0.00	0.00	0.00	0.00	38.24	0.00	0.00	

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers By Size Groups

Crop Id: 1599

Crop Name: TOTAL PLANTATION CROPS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)									
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL			
										N	P	K	N	P	K	N	P	K	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	
1	Below 1.0	I	2069	2069	233	85	318	233	85	318	172.11	0.00	0.00	163.61	0.00	0.00	335.72	0.00	0.00
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	2069	2069	233	85	318	233	85	318	172.11	0.00	0.00	163.61	0.00	0.00	335.72	0.00	0.00

1	Below 1.0	UI	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
		T	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	96	96	15	0	15	15	0	15	18.15	0.00	0.00	0.00	0.00	0.00	18.15	0.00	0.00
		UI	48	0	0	1	1	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	144	96	15	1	16	15	0	15	18.15	0.00	0.00	0.00	0.00	0.00	18.15	0.00	0.00
3	2.0 - 3.99	I	293	293	224	0	224	224	0	224	55.95	0.00	0.00	0.00	0.00	0.00	55.95	0.00	0.00
		UI	24	0	0	8	8	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	317	293	224	8	232	224	0	224	55.95	0.00	0.00	0.00	0.00	0.00	55.95	0.00	0.00
4	4.0 - 9.99	I	168	127	197	0	197	155	0	155	23.21	1.45	0.00	0.00	0.00	0.00	23.21	1.45	0.00
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	168	127	197	0	197	155	0	155	23.21	1.45	0.00	0.00	0.00	0.00	23.21	1.45	0.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		UI	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	0	0	0	0	0	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All Groups		I	557	516	436	0	436	394	0	394	97.32	1.45	0.00	0.00	0.00	0.00	97.32	1.45	0.00
		UI	72	0	0	9	9	0	0	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
		T	629	516	436	9	445	394	0	394	97.32	1.45	0.00	0.00	0.00	0.00	97.32	1.45	0.00

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State Tables

Table 4 (contd.)

Estimated Area Under The Crop & Usage Of Chemical Fertilizers & NPK By Size Groups

Crop Id: 1999

Crop Name: TOTAL NON-FOOD CROPS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated With One or More Chemical Fertilizers			Total Quantity Of Nutrients Applied (IN M.T)								
		Total No	No. Treated With One or More Chemical Fertilizers	HYV	Others	Total	HYV	Others	Total	HYV			OTHERS			TOTAL		
										N	P	K	N	P	K	N	P	K
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
I		28508	17019	2461	2619	5080	1878	721	2599	1268.03	36.52	0.00	977.41	1.46	0.00	2245.44	37.98	0.00

1	Below 1.0	UI	87643	2611	2581	7269	9850	364	104	468	270.71	5.09	0.00	132.31	1.70	0.00	403.01	6.78	0.00
		T	111606	19306	5042	9888	14930	2242	825	3067	1538.73	41.60	0.00	1109.72	3.15	0.00	2648.45	44.76	0.00
2	1.0 - 1.99	I	14244	8340	1945	2384	4329	1610	815	2425	859.39	82.35	32.40	439.78	1.16	0.00	1299.17	83.51	32.40
		UI	31928	615	530	5056	5586	310	44	354	62.40	2.50	0.00	11.65	1.50	0.00	74.05	3.99	0.00
3	2.0 - 3.99	T	43752	8921	2475	7440	9915	1920	859	2779	921.79	84.85	32.40	451.44	2.65	0.00	1373.22	87.50	32.40
		I	14357	10184	2935	4083	7018	2713	2185	4898	925.79	151.48	68.60	758.30	3.57	0.00	1684.09	155.05	68.60
		UI	16105	1025	1382	4091	5473	708	169	877	142.99	11.18	3.75	45.36	3.39	0.00	188.35	14.57	3.75
4	4.0 - 9.99	T	27361	10959	4317	8174	12491	3421	2354	5775	1068.78	162.66	72.35	803.66	6.96	0.00	1872.44	169.62	72.35
		I	5971	5137	2652	2221	4873	2417	1351	3768	593.30	126.62	49.21	305.26	0.00	0.00	898.56	126.62	49.21
		UI	4667	740	1277	1679	2956	779	240	1019	70.96	4.71	1.06	33.14	3.20	0.00	104.10	7.91	1.06
5	10 and Above	T	9085	5536	3929	3900	7829	3196	1591	4787	664.26	131.33	50.27	338.40	3.20	0.00	1002.66	134.53	50.27
		I	203	153	134	164	298	134	96	230	18.10	0.48	0.00	11.32	0.00	0.00	29.42	0.48	0.00
		UI	169	36	611	74	685	549	0	549	6.06	0.00	0.00	0.00	0.00	0.00	6.06	0.00	0.00
All Groups		T	296	189	745	238	983	683	96	779	24.16	0.48	0.00	11.32	0.00	0.00	35.48	0.48	0.00
		I	63283	40833	10127	11471	21598	8752	5168	13920	3664.60	397.45	150.21	2492.08	6.18	0.00	6156.68	403.64	150.21
		UI	140512	5027	6381	18169	24550	2710	557	3267	553.11	23.48	4.81	222.46	9.78	0.00	775.57	33.25	4.81
		T	192100	44911	16508	29640	46148	11462	5725	17187	4217.71	420.93	155.02	2714.34	15.96	0.00	6932.25	436.89	155.02

Table-5A**Estimated Area Under All Crops Treated With FYM/COMPOST/BIOGAS Manure By Size Groups**

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	156274	103490	29475	132965	23388	24778	48166	191327.00	189561.00	380888.00
		UI	487748	458770	11066	288246	299312	4491	271774	276265	42367.00	1889193.00	1931561.00
		T	645443	515331	114556	317721	432277	27879	296552	324431	233694.00	2078754.00	2312448.00
2	1.0 - 1.99	I	87103	59164	92921	26087	119008	25294	20463	45757	216805.00	153455.00	370260.00
		UI	121554	115012	3920	197307	201227	2079	184548	186627	12889.00	1164222.00	1177112.00
		T	162160	134145	96841	223394	320235	27373	205011	232384	229694.00	1317677.00	1547372.00
3	2.0 - 3.99	I	48716	31560	126464	18587	145051	31142	11899	43041	262477.00	82844.00	345321.00
		UI	51813	45748	4711	136290	141001	2156	123772	125928	13198.00	766935.00	780133.00
		T	77460	60547	131175	154877	286052	33298	135671	168969	275676.00	849779.00	1125454.00
4	4.0 - 9.99	I	15749	8444	105963	6774	112737	20325	3437	23762	164291.00	26285.00	190576.00
		UI	11145	8671	3601	46640	50241	1284	41097	42381	6428.00	251348.00	257776.00
		T	21206	14090	109564	53414	162978	21609	44534	66143	170719.00	277633.00	448352.00
5	10 and Above	I	791	305	16917	325	17242	2716	159	2875	19413.00	704.00	20117.00
		UI	575	468	813	5908	6721	741	5240	5981	1925.00	25688.00	27613.00
		T	1158	698	17730	6233	23963	3457	5399	8856	21337.00	26392.00	47729.00
All Groups		I	428192	255747	445755	81248	527003	102865	60736	163601	854312.26	452849.33	1307161.59
		UI	672835	628669	24111	674391	698502	10751	626431	637182	76807.51	4097386.74	4174194.25
		T	907427	724811	469866	755639	1225505	113616	687167	800783	931119.77	4550236.07	5481355.83

Table-5B**Estimated Area Under All Crops Treated With OIL CAKES By Size Groups**

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	0	103490	29475	132965	0	0	0	0.00	0.00	0.00
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	0	114556	317721	432277	0	0	0	0.00	0.00	0.00
2	1.0 - 1.99	I	87103	0	92921	26087	119008	0	0	0	0.00	0.00	0.00
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	0	96841	223394	320235	0	0	0	0.00	0.00	0.00
3	2.0 - 3.99	I	48716	0	126464	18587	145051	0	0	0	0.00	0.00	0.00
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	0	131175	154877	286052	0	0	0	0.00	0.00	0.00
4	4.0 - 9.99	I	15749	0	105963	6774	112737	0	0	0	0.00	0.00	0.00
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	0	109564	53414	162978	0	0	0	0.00	0.00	0.00
5	10 and Above	I	791	0	16917	325	17242	0	0	0	0.00	0.00	0.00
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	0	17730	6233	23963	0	0	0	0.00	0.00	0.00
All Groups		I	428192	0	445755	81248	527003	0	0	0	0.00	0.00	0.00
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	0	469866	755639	1225505	0	0	0	0.00	0.00	0.00

Table-5C**Estimated Area Under All Crops Treated With OTHER ORG. MANURES By Size Groups**

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	275833	0	103490	29475	132965	0	0	0	0.00	0.00	0.00
		UI	487748	0	11066	288246	299312	0	0	0	0.00	0.00	0.00
		T	645443	0	114556	317721	432277	0	0	0	0.00	0.00	0.00
2	1.0 - 1.99	I	87103	0	92921	26087	119008	0	0	0	0.00	0.00	0.00
		UI	121554	0	3920	197307	201227	0	0	0	0.00	0.00	0.00
		T	162160	0	96841	223394	320235	0	0	0	0.00	0.00	0.00
3	2.0 - 3.99	I	48716	0	126464	18587	145051	0	0	0	0.00	0.00	0.00
		UI	51813	0	4711	136290	141001	0	0	0	0.00	0.00	0.00
		T	77460	0	131175	154877	286052	0	0	0	0.00	0.00	0.00
4	4.0 - 9.99	I	15749	0	105963	6774	112737	0	0	0	0.00	0.00	0.00
		UI	11145	0	3601	46640	50241	0	0	0	0.00	0.00	0.00
		T	21206	0	109564	53414	162978	0	0	0	0.00	0.00	0.00
5	10 and Above	I	791	0	16917	325	17242	0	0	0	0.00	0.00	0.00
		UI	575	0	813	5908	6721	0	0	0	0.00	0.00	0.00
		T	1158	0	17730	6233	23963	0	0	0	0.00	0.00	0.00
All Groups		I	428192	0	445755	81248	527003	0	0	0	0.00	0.00	0.00
		UI	672835	0	24111	674391	698502	0	0	0	0.00	0.00	0.00
		T	907427	0	469866	755639	1225505	0	0	0	0.00	0.00	0.00

Table 5D**Table 5D : Estimated Area Under All Crops Treated With Pesticides By Size Groups**

Sl. No	Size Groups (Ha)		No. of Holdings Growing One Or More Crops		Area Under All Crops			Area Under All Crops Treated With The Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	275833	72325	103490	29475	132965	48187	1554	49741
		UI	487748	7803	11066	288246	299312	986	1293	2279
		T	645443	77634	114556	317721	432277	49173	2847	52020
2	1.0 - 1.99	I	87103	27756	92921	26087	119008	50214	1942	52156
		UI	121554	1891	3920	197307	201227	386	779	1165
		T	162160	28966	96841	223394	320235	50600	2721	53321
3	2.0 - 3.99	I	48716	22528	126464	18587	145051	81153	1535	82688
		UI	51813	1972	4711	136290	141001	787	1032	1819
		T	77460	23423	131175	154877	286052	81940	2567	84507
4	4.0 - 9.99	I	15749	9301	105963	6774	112737	70919	755	71674
		UI	11145	586	3601	46640	50241	700	527	1227
		T	21206	9412	109564	53414	162978	71619	1282	72901
5	10 and Above	I	791	462	16917	325	17242	10776	22	10798
		UI	575	24	813	5908	6721	31	37	68
		T	1158	478	17730	6233	23963	10807	59	10866
All Groups		I	428192	132372	445755	81248	527003	261249	5808	267057
		UI	672835	12276	24111	674391	698502	2890	3668	6558
		T	907427	139913	469866	755639	1225505	264139	9476	273615

Table 5E**Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups**

Crop: PADDY

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	203288	131421	34945	12976	47921	8061	12210	20271	65786.00	92432.00	158218.00
		UI	333015	330475	900	53726	54626	900	53379	54279	11129.00	401798.00	412927.00
		T	470279	397553	35845	66702	102547	8961	65589	74550	76915.00	494230.00	571145.00
2	1.0 - 1.99	I	69627	47420	27124	11426	38550	5943	10135	16078	48076.00	75336.00	123413.00
		UI	89812	89463	202	33625	33827	202	33261	33463	1806.00	225015.00	226820.00
		T	130852	109164	27326	45051	72377	6145	43396	49541	49882.00	300351.00	350233.00
3	2.0 - 3.99	I	40523	21565	39620	6497	46117	5639	5534	11173	43566.00	38547.00	82113.00
		UI	34481	33848	247	20248	20495	154	19818	19972	1200.00	131972.00	133172.00
		T	62765	43795	39867	26745	66612	5793	25352	31145	44766.00	170519.00	215285.00
4	4.0 - 9.99	I	13904	4981	35245	1965	37210	3241	1732	4973	26249.00	12931.00	39181.00
		UI	5576	5526	85	6110	6195	50	6041	6091	354.00	42798.00	43152.00
		T	17676	8781	35330	8075	43405	3291	7773	11064	26603.00	55730.00	82332.00
5	10 and Above	I	690	163	6807	76	6883	633	76	709	4214.00	339.00	4554.00
		UI	226	217	9	608	617	9	603	612	167.00	4343.00	4510.00
		T	882	346	6816	684	7500	642	679	1321	4381.00	4683.00	9064.00
All Groups		I	328032	205550	143741	32940	176681	23517	29687	53204	187891.35	219586.47	407477.81
		UI	463110	459529	1443	114317	115760	1315	113102	114417	14655.33	805926.62	820581.96
		T	682454	559639	145184	147257	292441	24832	142789	167621	202546.68	1025513.09	1228059.77

Table 5E (Contd.)**Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups**

Crop: MAIZE

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	4514	3350	535	146	681	208	144	352	1280.00	1021.00	2301.00
		UI	236878	224517	2641	13132	15773	944	12614	13558	6357.00	82911.00	89269.00
		T	240607	227183	3176	13278	16454	1152	12758	13910	7638.00	83932.00	91570.00
2	1.0 - 1.99	I	2315	1255	604	136	740	214	115	329	1156.00	934.00	2090.00
		UI	70938	67621	1266	7294	8560	702	6690	7392	3679.00	39458.00	43138.00
		T	72685	68357	1870	7430	9300	916	6805	7721	4835.00	40393.00	45228.00
3	2.0 - 3.99	I	1117	592	437	212	649	133	194	327	623.00	1259.00	1882.00
		UI	28867	26806	1112	6347	7459	462	5617	6079	3116.00	31972.00	35088.00
		T	29883	27298	1549	6559	8108	595	5811	6406	3739.00	33231.00	36970.00
4	4.0 - 9.99	I	417	162	340	17	357	73	4	77	460.00	6.00	466.00
		UI	5775	5138	789	2849	3638	331	2392	2723	1803.00	12158.00	13961.00
		T	6175	5300	1129	2866	3995	404	2396	2800	2263.00	12164.00	14427.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	350	306	36	496	532	31	335	366	400.00	1239.00	1639.00
		T	350	306	36	496	532	31	335	366	400.00	1239.00	1639.00
All Groups		I	8363	5359	1916	511	2427	628	457	1085	3518.61	3220.11	6738.72
		UI	342808	324388	5844	30118	35962	2470	27648	30118	15356.02	167738.96	183094.98
		T	349700	328444	7760	30629	38389	3098	28105	31203	18874.64	170959.07	189833.70

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: RAGI

Sl.	Size Groups	No. of Holdings Growing the Crop	Area Under All Crops	Area Under the Crop Treated With The Manure	Total Quantity of The Manure Applied(in M.T)
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1	Below 1.0	I	217201	126845	43309	11613	54922	10765	10941	21706	89855.00	83675.00	173529.00
		UI	412265	403291	3093	84065	87158	1402	83041	84443	16583.00	593854.00	610437.00
		T	550451	454127	46402	95678	142080	12167	93982	106149	106438.00	677528.00	783966.00
2	1.0 - 1.99	I	76244	46911	36316	10202	46518	8473	8913	17386	70309.00	68324.00	138633.00
		UI	108822	107025	1171	54691	55862	520	53865	54385	3875.00	359510.00	363384.00
		T	150158	120319	37487	64893	102380	8993	62778	71771	74184.00	427833.00	502017.00
3	2.0 - 3.99	I	44121	22874	48759	5658	54417	10221	4760	14981	86328.00	33928.00	120256.00
		UI	43327	42314	930	34530	35460	495	33510	34005	4106.00	226258.00	230364.00
		T	73702	52200	49689	40188	89877	10716	38270	48986	90434.00	260186.00	350620.00
4	4.0 - 9.99	I	14752	5472	41209	1638	42847	5817	1478	7295	47612.00	11920.00	59531.00
		UI	7883	7623	878	10879	11757	221	10439	10660	2237.00	72056.00	74294.00
		T	20325	10964	42087	12517	54604	6038	11917	17955	49849.00	83976.00	133825.00
5	10 and Above	I	712	218	7386	75	7461	965	75	1040	7287.00	327.00	7614.00
		UI	419	400	41	1134	1175	41	1062	1103	475.00	5502.00	5977.00
		T	1064	551	7427	1209	8636	1006	1137	2143	7762.00	5830.00	13592.00
All Groups		I	353030	202320	176979	29186	206165	36241	26167	62408	301390.10	198173.73	499563.82
		UI	572716	560653	6113	185299	191412	2679	181917	184596	27276.88	1257180.15	1284457.03
		T	795700	638161	183092	214485	397577	38920	208084	247004	328666.98	1455353.88	1784020.85

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: BARLEY

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	4110	4059	8	189	197	0	172	172	0.00	1327.00	1327.00
		UI	255970	244428	159	16016	16175	26	15246	15272	53.00	106128.00	106181.00
		T	259965	248372	167	16205	16372	26	15418	15444	53.00	107455.00	107508.00

2	1.0 - 1.99	I	1135	896	1	104	105	0	80	80	0.00	601.00	601.00
		UI	84353	80345	23	11538	11561	23	10823	10846	43.00	68099.00	68142.00
		T	85201	80954	24	11642	11666	23	10903	10926	43.00	68700.00	68743.00
3	2.0 - 3.99	I	659	489	0	99	99	0	36	36	0.00	228.00	228.00
		UI	32500	30146	30	7948	7978	30	7124	7154	308.00	42098.00	42407.00
		T	33021	30497	30	8047	8077	30	7160	7190	308.00	42327.00	42635.00
4	4.0 - 9.99	I	98	39	16	31	47	4	8	12	45.00	32.00	77.00
		UI	5971	5408	9	2937	2946	9	2612	2621	14.00	14424.00	14438.00
		T	6039	5430	25	2968	2993	13	2620	2633	59.00	14456.00	14515.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	334	282	0	309	309	0	222	222	0.00	1290.00	1290.00
		T	334	282	0	309	309	0	222	222	0.00	1290.00	1290.00
All Groups		I	6002	5483	25	423	448	4	296	300	44.97	2188.08	2233.05
		UI	379128	360609	221	38748	38969	88	36027	36115	418.69	232038.86	232457.55
		T	384560	365535	246	39171	39417	92	36323	36415	463.66	234226.93	234690.60

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State Tables

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: JOBSTEARS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
		3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	365	365	0	30	30	0	30	30	0.00	302.00	302.00
		UI	198771	195232	0	23568	23568	0	23213	23213	0.00	142796.00	142796.00
		T	199020	195482	0	23598	23598	0	23243	23243	0.00	143099.00	143099.00
2	1.0 - 1.99	I	39	39	0	2	2	0	2	2	0.00	20.00	20.00
		UI	76866	75121	0	20949	20949	0	20510	20510	0.00	120123.00	120123.00
		T	76866	75121	0	20951	20951	0	20512	20512	0.00	120143.00	120143.00
3	2.0 - 3.99	I	29	29	0	3	3	0	3	3	0.00	16.00	16.00
		UI	30583	29500	0	14742	14742	0	14171	14171	0.00	80489.00	80489.00

		T	30583	29500	0	14745	14745	0	14174	14174	0.00	80505.00	80505.00
4	4.0 - 9.99	I	17	17	1	0	1	1	0	1	9.00	0.00	9.00
		UI	5113	4821	0	4303	4303	0	3866	3866	0.00	20673.00	20673.00
		T	5130	4838	1	4303	4304	1	3866	3867	9.00	20673.00	20682.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	268	268	0	523	523	0	523	523	0.00	2801.00	2801.00
		T	268	268	0	523	523	0	523	523	0.00	2801.00	2801.00
All Groups		I	450	450	1	35	36	1	35	36	8.77	338.49	347.26
		UI	311601	304942	0	64085	64085	0	62283	62283	0.00	366882.45	366882.45
		T	311867	305209	1	64120	64121	1	62318	62319	8.77	367220.93	367229.70

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL CEREALS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	237909	143144	78822	25097	103919	19035	23640	42675	156926.00	179810.00	336736.00
		UI	453995	444389	7009	247325	254334	3409	236307	239716	35167.00	1633865.00	1669032.00
		T	589218	491628	85831	272422	358253	22444	259947	282391	192092.00	1813675.00	2005768.00
2	1.0 - 1.99	I	81185	51659	64044	21960	86004	14628	19334	33962	119541.00	145626.00	265167.00
		UI	114771	113137	2695	171240	173935	1456	162228	163684	9442.00	1023618.00	1033060.00
		T	154477	125515	66739	193200	259939	16084	181562	197646	128983.00	1169244.00	1298227.00
3	2.0 - 3.99	I	47039	26290	88816	12514	101330	15994	10569	26563	130516.00	74171.00	204687.00
		UI	46023	44706	2411	113643	116054	1159	104868	106027	8757.00	648620.00	657377.00
		T	75374	55138	91227	126157	217384	17153	115437	132590	139273.00	722791.00	862064.00
4	4.0 - 9.99	I	15431	6375	76811	3659	80470	9139	3229	12368	74375.00	24950.00	99325.00
		UI	8628	8382	1805	36875	38680	631	33114	33745	4433.00	204920.00	209353.00

		T	20813	11959	78616	40534	119150	9770	36343	46113	78808.00	229871.00	308678.00
5	10 and Above	I	726	218	14194	151	14345	1599	151	1750	11501.00	667.00	12168.00
		UI	433	423	87	3864	3951	82	3429	3511	1042.00	18626.00	19667.00
		T	1092	574	14281	4015	18296	1681	3580	5261	12543.00	19292.00	31835.00
All Groups		I	382290	227686	322687	63381	386068	60395	56923	117318	492859.11	425224.24	918083.34
		UI	623850	611037	14007	572947	586954	6737	539946	546683	58839.94	3529648.34	3588488.28
		T	840974	684814	336694	636328	973022	67132	596869	664001	551699.05	3954872.57	4506571.62

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: URAD

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	152	0	0	28	28	0	0	0	0.00	0.00	0.00
		UI	50482	46824	157	2592	2749	106	2465	2571	1058.00	18091.00	19149.00
		T	50634	46824	157	2620	2777	106	2465	2571	1058.00	18091.00	19149.00
2	1.0 - 1.99	I	454	0	15	42	57	0	0	0	0.00	0.00	0.00
		UI	21163	19827	33	2081	2114	6	1965	1971	14.00	11202.00	11215.00
		T	21617	19827	48	2123	2171	6	1965	1971	14.00	11202.00	11215.00
3	2.0 - 3.99	I	1357	105	132	179	311	3	3	6	23.00	30.00	53.00
		UI	10182	8709	71	1899	1970	36	1669	1705	207.00	9651.00	9859.00
		T	11539	8814	203	2078	2281	39	1672	1711	230.00	9681.00	9911.00
4	4.0 - 9.99	I	730	31	395	41	436	10	0	10	96.00	0.00	96.00
		UI	2511	2038	14	854	868	0	737	737	0.00	4397.00	4397.00
		T	3241	2069	409	895	1304	10	737	747	96.00	4397.00	4493.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	123	106	0	117	117	0	100	100	0.00	356.00	356.00

	T	123	106	0	117	117	0	100	100	0.00	356.00	356.00
All Groups	I	2693	136	542	290	832	13	3	16	118.57	29.62	148.19
	UI	84461	77504	275	7543	7818	148	6936	7084	1278.55	43696.56	44975.12
	T	87154	77640	817	7833	8650	161	6939	7100	1397.12	43726.18	45123.30

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: MASUR

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	1351	1351	99	38	137	99	38	137	988.00	374.00	1362.00
		UI	123511	113503	143	7828	7971	19	7267	7286	71.00	53334.00	53406.00
		T	124725	114717	242	7866	8108	118	7305	7423	1059.00	53709.00	54768.00
2	1.0 - 1.99	I	748	538	23	83	106	15	31	46	63.00	211.00	274.00
		UI	30949	27603	62	3493	3555	16	3198	3214	56.00	20291.00	20347.00
		T	31505	27948	85	3576	3661	31	3229	3260	118.00	20502.00	20621.00
3	2.0 - 3.99	I	676	213	85	41	126	6	16	22	30.00	108.00	137.00
		UI	11656	9702	47	1967	2014	3	1697	1700	6.00	8981.00	8988.00
		T	12209	9814	132	2008	2140	9	1713	1722	36.00	9089.00	9125.00
4	4.0 - 9.99	I	321	35	95	4	99	22	1	23	18.00	4.00	21.00
		UI	2376	1833	84	607	691	29	523	552	118.00	2844.00	2963.00
		T	2679	1850	179	611	790	51	524	575	136.00	2848.00	2984.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	97	80	0	105	105	0	91	91	0.00	645.00	645.00
		T	97	80	0	105	105	0	91	91	0.00	645.00	645.00
All Groups	I	3096	2137	302	166	468	142	86	228	1097.98	697.28	1795.26	
	UI	168589	152721	336	14000	14336	67	12776	12843	251.37	86096.12	86347.49	

T	171215	154409	638	14166	14804	209	12862	13071	1349.35	86793.41	88142.75
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Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: HORSEGRAM

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	38071	32571	0	2092	2092	0	1929	1929	0.00	12812.00	12812.00
		T	38071	32571	0	2092	2092	0	1929	1929	0.00	12812.00	12812.00
2	1.0 - 1.99	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	13145	10200	0	1156	1156	0	967	967	0.00	5556.00	5556.00
		T	13145	10200	0	1156	1156	0	967	967	0.00	5556.00	5556.00
3	2.0 - 3.99	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	5200	3773	0	796	796	0	612	612	0.00	3495.00	3495.00
		T	5200	3773	0	796	796	0	612	612	0.00	3495.00	3495.00
4	4.0 - 9.99	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	985	722	0	355	355	0	280	280	0.00	1436.00	1436.00
		T	985	722	0	355	355	0	280	280	0.00	1436.00	1436.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	77	77	0	78	78	0	78	78	0.00	204.00	204.00
		T	77	77	0	78	78	0	78	78	0.00	204.00	204.00
All Groups		I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	57478	47343	0	4477	4477	0	3866	3866	0.00	23501.81	23501.81
		T	57478	47343	0	4477	4477	0	3866	3866	0.00	23501.81	23501.81

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL PULSES

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	2005	1853	125	84	209	125	56	181	1067.00	507.00	1574.00
		UI	210422	190544	347	18785	19132	170	17349	17519	1264.00	121376.00	122640.00
		T	212290	192260	472	18869	19341	295	17405	17700	2331.00	121882.00	124214.00
2	1.0 - 1.99	I	1746	849	114	174	288	35	48	83	178.00	313.00	492.00
		UI	65625	59951	175	11387	11562	75	10413	10488	171.00	60330.00	60501.00
		T	66989	60494	289	11561	11850	110	10461	10571	349.00	60644.00	60992.00
3	2.0 - 3.99	I	2265	554	263	278	541	20	72	92	121.00	378.00	498.00
		UI	30023	26158	229	8996	9225	62	7820	7882	247.00	44333.00	44580.00
		T	31991	26438	492	9274	9766	82	7892	7974	368.00	44711.00	45079.00
4	4.0 - 9.99	I	1288	165	744	58	802	77	6	83	237.00	29.00	266.00
		UI	6234	5266	154	3637	3791	40	3094	3134	329.00	17521.00	17850.00
		T	7485	5394	898	3695	4593	117	3100	3217	566.00	17550.00	18115.00
5	10 and Above	I	21	0	0	2	2	0	0	0	0.00	0.00	0.00
		UI	215	180	0	465	465	0	371	371	0.00	1479.00	1479.00
		T	236	180	0	467	467	0	371	371	0.00	1479.00	1479.00
All Groups		I	7325	3421	1246	596	1842	257	182	439	1603.09	1226.48	2829.57
		UI	312519	282099	905	43270	44175	347	39047	39394	2010.32	245039.35	247049.67
		T	318991	284766	2151	43866	46017	604	39229	39833	3613.40	246265.83	249879.23

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL FOODGRAINS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	238174	143409	78946	25182	104128	19160	23698	42858	157993.00	180317.00	338310.00
		UI	457957	448228	7357	266110	273467	3579	253654	257233	36431.00	1755241.00	1791671.00
		T	593058	495466	86303	291292	377595	22739	277352	300091	194424.00	1935558.00	2129981.00
2	1.0 - 1.99	I	81185	51659	64158	22134	86292	14664	19384	34048	119720.00	145939.00	265659.00
		UI	115940	113771	2870	182625	185495	1530	172643	174173	9612.00	1083948.00	1093560.00
		T	155235	126022	67028	204759	271787	16194	192027	208221	129332.00	1229887.00	1359219.00
3	2.0 - 3.99	I	47039	26347	89079	12792	101871	16013	10643	26656	130637.00	74548.00	205186.00
		UI	46760	45034	2640	122642	125282	1222	112689	113911	9004.00	692953.00	701957.00
		T	75553	55344	91719	135434	227153	17235	123332	140567	139641.00	767502.00	907143.00
4	4.0 - 9.99	I	15473	6375	77557	3716	81273	9215	3235	12450	74611.00	24979.00	99591.00
		UI	8873	8400	1958	40514	42472	672	36209	36881	4762.00	222441.00	227203.00
		T	20874	11978	79515	44230	123745	9887	39444	49331	79373.00	247420.00	326793.00
5	10 and Above	I	726	218	14194	153	14347	1599	151	1750	11501.00	667.00	12168.00
		UI	441	423	87	4326	4413	82	3797	3879	1042.00	20105.00	21146.00
		T	1092	574	14281	4479	18760	1681	3948	5629	12543.00	20772.00	33314.00
All Groups		I	382597	228008	323934	63977	387911	60651	57111	117762	494462.20	426450.73	920912.92
		UI	629971	615856	14912	616217	631129	7085	578992	586077	60850.26	3774687.71	3835537.97
		T	845812	689384	338846	680194	1019040	67736	636103	703839	555312.46	4201138.43	4756450.89

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: SUGARCANE

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	53709	11058	20474	245	20719	2939	245	3184	24233.00	2909.00	27141.00
		UI	679	679	228	23	251	228	23	251	1891.00	182.00	2073.00
		T	54388	11737	20702	268	20970	3167	268	3435	26123.00	3091.00	29214.00
2	1.0 - 1.99	I	25114	11683	25655	348	26003	9705	280	9985	90883.00	2784.00	93667.00
		UI	291	147	85	14	99	39	14	53	483.00	141.00	625.00
		T	25309	11830	25740	362	26102	9744	294	10038	91366.00	2925.00	94291.00
3	2.0 - 3.99	I	19589	10478	32190	208	32398	13816	208	14024	124677.00	1770.00	126447.00
		UI	103	103	139	0	139	129	0	129	916.00	0.00	916.00
		T	19619	10581	32329	208	32537	13945	208	14153	125593.00	1770.00	127363.00
4	4.0 - 9.99	I	8051	4130	23094	44	23138	9389	44	9433	79551.00	351.00	79902.00
		UI	31	31	55	0	55	32	0	32	318.00	0.00	318.00
		T	8082	4161	23149	44	23193	9421	44	9465	79869.00	351.00	80220.00
5	10 and Above	I	314	162	1681	1	1682	776	0	776	7332.00	0.00	7332.00
		UI	8	8	12	0	12	12	0	12	158.00	0.00	158.00
		T	314	162	1693	1	1694	788	0	788	7490.00	0.00	7490.00
All Groups		I	106777	37511	103094	846	103940	36625	777	37402	326675.13	7813.49	334488.62
		UI	1112	968	519	37	556	440	37	477	3766.35	323.48	4089.83
		T	107712	38471	103613	883	104496	37065	814	37879	330441.48	8136.97	338578.45

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL SPICES & CONDIMENTS

Sl.	Size Groups	No. of Holdings Growing the Crop	Area Under All Crops	Area Under the Crop Treated With The Manure	Total Quantity of The Manure Applied(in M.T)
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1	Below 1.0	I	2613	0	526	162	688	0	0	0	0.00	0.00	0.00
		UI	2514	1771	254	255	509	124	253	377	1274.00	1318.00	2592.00
		T	5127	1771	780	417	1197	124	253	377	1274.00	1318.00	2592.00
2	1.0 - 1.99	I	1018	237	471	40	511	106	0	106	178.00	0.00	178.00
		UI	1403	1170	179	410	589	76	391	467	145.00	2486.00	2631.00
		T	2421	1407	650	450	1100	182	391	573	323.00	2486.00	2809.00
3	2.0 - 3.99	I	1537	296	1261	252	1513	397	0	397	806.00	0.00	806.00
		UI	1210	1030	151	952	1103	106	915	1021	307.00	6215.00	6522.00
		T	2747	1326	1412	1204	2616	503	915	1418	1113.00	6215.00	7328.00
4	4.0 - 9.99	I	1105	308	1879	336	2215	775	0	775	5014.00	0.00	5014.00
		UI	394	376	106	837	943	106	793	899	114.00	4087.00	4201.00
		T	1499	684	1985	1173	3158	881	793	1674	5128.00	4087.00	9215.00
5	10 and Above	I	106	44	797	0	797	332	0	332	496.00	0.00	496.00
		UI	196	179	103	1237	1340	81	1236	1317	333.00	4546.00	4879.00
		T	302	223	900	1237	2137	413	1236	1649	829.00	4546.00	5375.00
All Groups		I	6379	885	4934	790	5724	1610	0	1610	6493.61	0.00	6493.61
		UI	5717	4526	793	3691	4484	493	3588	4081	2173.08	18651.66	20824.74
		T	12096	5411	5727	4481	10208	2103	3588	5691	8666.69	18651.66	27318.35

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: POTATO

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	8003	6127	486	432	918	100	189	289	1001.00	1220.00	2221.00
		UI	46454	45009	207	3078	3285	188	2994	3182	426.00	23588.00	24014.00
		T	53878	50558	693	3510	4203	288	3183	3471	1427.00	24808.00	26235.00
		I	2149	1610	33	281	314	33	190	223	243.00	976.00	1219.00

2	1.0 - 1.99	UI	15773	15327	123	2570	2693	115	2517	2632	358.00	17334.00	17692.00
		T	17826	16841	156	2851	3007	148	2707	2855	601.00	18310.00	18911.00
3	2.0 - 3.99	I	1786	1177	156	412	568	3	250	253	9.00	1641.00	1650.00
		UI	8444	8179	175	2750	2925	175	2731	2906	748.00	19519.00	20266.00
4	4.0 - 9.99	T	10071	9228	331	3162	3493	178	2981	3159	757.00	21160.00	21917.00
		I	677	384	71	196	267	29	90	119	136.00	570.00	705.00
5	10 and Above	UI	1791	1697	129	1360	1489	117	1319	1436	439.00	9509.00	9948.00
		T	2434	2081	200	1556	1756	146	1409	1555	574.00	10079.00	10653.00
All Groups		I	8	8	0	1	1	0	1	1	0.00	12.00	12.00
		UI	45	36	0	61	61	0	6	6	0.00	43.00	43.00
All Groups		T	53	44	0	62	62	0	7	7	0.00	56.00	56.00
		I	12623	9306	746	1322	2068	165	720	885	1388.47	4419.19	5807.66
All Groups		UI	72507	70248	634	9819	10453	595	9567	10162	1970.35	69993.65	71964.00
		T	84262	78752	1380	11141	12521	760	10287	11047	3358.82	74412.84	77771.66

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: ALL VEGETABLES

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	17552	12043	946	1167	2113	425	482	907	3604.00	3419.00	7023.00
		UI	141095	135045	453	9452	9905	214	8992	9206	638.00	68923.00	69560.00
		T	154834	143678	1399	10619	12018	639	9474	10113	4242.00	72341.00	76583.00
2	1.0 - 1.99	I	7640	5279	688	1093	1781	519	470	989	3393.00	2781.00	6174.00
		UI	40820	39500	208	6435	6643	199	6041	6240	785.00	42395.00	43180.00
		T	46397	42988	896	7528	8424	718	6511	7229	4179.00	45176.00	49355.00
		I	5708	3238	1000	1126	2126	420	558	978	3239.00	3519.00	6758.00

3	2.0 - 3.99	UI	19112	18191	362	6444	6806	332	6191	6523	1415.00	43330.00	44745.00
		T	22770	19720	1362	7570	8932	752	6749	7501	4653.00	46850.00	51503.00
4	4.0 - 9.99	I	1710	891	784	431	1215	429	110	539	2252.00	657.00	2910.00
		UI	3646	3398	142	2705	2847	130	2570	2700	531.00	17813.00	18344.00
		T	4828	3899	926	3136	4062	559	2680	3239	2783.00	18471.00	21254.00
5	10 and Above	I	84	8	111	3	114	0	1	1	0.00	12.00	12.00
		UI	153	144	0	179	179	0	106	106	0.00	698.00	698.00
		T	229	144	111	182	293	0	107	107	0.00	710.00	710.00
All Groups		I	32694	21459	3529	3820	7349	1793	1621	3414	12488.65	10388.59	22877.23
		UI	204826	196278	1165	25215	26380	875	23900	24775	3368.17	173159.57	176527.74
		T	229058	210429	4694	29035	33729	2668	25521	28189	15856.82	183548.15	199404.97

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL FOOD CROPS

Sl. No	Size Groups (Ha)	No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)			
		Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total	
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Below 1.0	I	271279	153963	101029	26854	127883	22524	24506	47030	185830.00	187175.00	373005.00
		UI	465750	455633	8484	280978	289462	4216	268011	272227	41032.00	1863636.00	1904668.00
		T	632726	510492	109513	307832	417345	26740	292517	319257	226862.00	2050811.00	2277674.00
2	1.0 - 1.99	I	86756	59157	90974	23706	114680	24995	20222	45217	214175.00	151940.00	366114.00
		UI	116722	114602	3389	192249	195638	1850	181768	183618	11050.00	1146877.00	1157927.00
		T	161135	133830	94363	215955	310318	26845	201990	228835	225224.00	1298817.00	1524041.00
3	2.0 - 3.99	I	48661	31312	123527	14503	138030	30648	11524	42172	259358.00	80459.00	339818.00
		UI	47229	45398	3328	132203	135531	1814	121895	123709	11696.00	755758.00	767454.00
		T	77326	60196	126855	146706	273561	32462	133419	165881	271055.00	836217.00	1107272.00
		I	15749	8421	103312	4554	107866	19808	3410	23218	161428.00	26086.00	187514.00

4	4.0 - 9.99	UI	8951	8495	2326	44963	47289	996	40449	41445	6191.00	248238.00	254429.00
		T	21142	14000	105638	49517	155155	20804	43859	64663	167619.00	274324.00	441943.00
5	10 and Above	I	792	305	16783	161	16944	2708	156	2864	19329.00	692.00	20020.00
		UI	449	431	202	5833	6035	175	5221	5396	1533.00	25653.00	27186.00
		T	1158	661	16985	5994	22979	2883	5377	8260	20862.00	26345.00	47206.00
All Groups		I	423237	253158	435625	69778	505403	100683	59818	160501	840119.61	446351.69	1286471.30
		UI	639101	624559	17729	656226	673955	9051	617344	626395	71502.33	4040162.56	4111664.89
		T	893487	719179	453354	726004	1179358	109734	677162	786896	911621.94	4486514.25	5398136.19

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State Tables

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: SOYABEAN

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
			3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	1429	937	320	15	335	49	15	64	123.00	245.00	367.00
		UI	18079	16984	200	999	1199	21	958	979	25.00	5289.00	5314.00
		T	19508	17921	520	1014	1534	70	973	1043	147.00	5534.00	5681.00
2	1.0 - 1.99	I	601	228	188	20	208	0	20	20	0.00	87.00	87.00
		UI	8902	8425	185	929	1114	117	903	1020	747.00	5540.00	6287.00
		T	9503	8653	373	949	1322	117	923	1040	747.00	5627.00	6374.00
3	2.0 - 3.99	I	378	170	257	5	262	75	5	80	178.00	24.00	202.00
		UI	3597	3188	459	617	1076	245	578	823	829.00	3612.00	4442.00
		T	3975	3358	716	622	1338	320	583	903	1007.00	3636.00	4643.00
4	4.0 - 9.99	I	337	67	317	0	317	28	0	28	112.00	0.00	112.00
		UI	738	523	571	225	796	263	201	464	202.00	510.00	712.00
		T	1075	590	888	225	1113	291	201	492	315.00	510.00	825.00
5	10 and Above	I	0	0	0	0	0	0	0	0	0.00	0.00	0.00
		UI	36	36	549	0	549	549	0	549	183.00	0.00	183.00

	T	36	36	549	0	549	549	0	549	183.00	0.00	183.00
All Groups	I	2745	1402	1082	40	1122	152	40	192	412.98	355.42	768.40
	UI	31352	29156	1964	2770	4734	1195	2640	3835	1985.99	14951.69	16937.68
	T	34097	30558	3046	2810	5856	1347	2680	4027	2398.98	15307.11	17706.08

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State Tables

Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL OILSEEDS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	4541	2909	812	264	1076	134	117	251	593.00	1144.00	1737.00
		UI	66767	57984	1766	3343	5109	172	3073	3245	728.00	22570.00	23298.00
		T	70961	60545	2578	3607	6185	306	3190	3496	1322.00	23714.00	25036.00
2	1.0 - 1.99	I	2963	1245	662	211	873	88	119	207	666.00	599.00	1265.00
		UI	26685	24776	255	2979	3234	117	2678	2795	747.00	16795.00	17542.00
		T	29137	25509	917	3190	4107	205	2797	3002	1413.00	17394.00	18807.00
3	2.0 - 3.99	I	2097	830	910	151	1061	177	139	316	1116.00	870.00	1986.00
		UI	11795	9972	933	2158	3091	286	1832	2118	1095.00	10660.00	11755.00
		T	13571	10582	1843	2309	4152	463	1971	2434	2211.00	11530.00	13741.00
4	4.0 - 9.99	I	1063	278	889	151	1040	159	2	161	768.00	7.00	775.00
		UI	2766	1998	1069	717	1786	263	592	855	202.00	2541.00	2744.00
		T	3789	2259	1958	868	2826	422	594	1016	970.00	2549.00	3519.00
5	10 and Above	I	29	29	21	3	24	8	3	11	84.00	12.00	96.00
		UI	92	71	606	25	631	566	18	584	391.00	35.00	427.00
		T	121	100	627	28	655	574	21	595	475.00	48.00	523.00
All Groups	I	10693	5291	3294	780	4074	566	380	946	3226.85	2632.85	5859.70	
	UI	108105	94801	4629	9222	13851	1404	8193	9597	3163.91	52601.49	55765.40	

T	117579	98995	7923	10002	17925	1970	8573	10543	6390.76	55234.34	61625.10
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Table 5E (Contd.)

Estimated Area Under The Crop Treated With FYM/COMPOST/BIOGAS Manure By Size Groups

Crop: TOTAL NON-FOOD CROPS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under All Crops			Area Under the Crop Treated With The Manure			Total Quantity of The Manure Applied(in M.T)		
			Total No	No. Treated With The Manure	HYV	Others	Total	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	I	28508	10895	2461	2619	5080	864	272	1136	5497.00	2386.00	7882.00
		UI	87643	62334	2581	7269	9850	276	3763	4039	1335.00	25557.00	26892.00
		T	111606	72881	5042	9888	14930	1140	4035	5175	6832.00	27943.00	34775.00
2	1.0 - 1.99	I	14244	3803	1945	2384	4329	298	243	541	2630.00	1516.00	4146.00
		UI	31928	25307	530	5056	5586	229	2778	3007	1839.00	17345.00	19185.00
		T	43752	28470	2475	7440	9915	527	3021	3548	4470.00	18861.00	23330.00
3	2.0 - 3.99	I	14357	2574	2935	4083	7018	494	376	870	3119.00	2384.00	5503.00
		UI	16105	10298	1382	4091	5473	341	1877	2218	1502.00	11177.00	12679.00
		T	27361	12532	4317	8174	12491	835	2253	3088	4621.00	13561.00	18182.00
4	4.0 - 9.99	I	5971	928	2652	2221	4873	518	27	545	2863.00	200.00	3062.00
		UI	4667	2090	1277	1679	2956	288	649	937	237.00	3109.00	3347.00
		T	9085	3001	3929	3900	7829	806	676	1482	3100.00	3309.00	6409.00
5	10 and Above	I	203	29	134	164	298	8	3	11	84.00	12.00	96.00
		UI	169	71	611	74	685	566	18	584	391.00	35.00	427.00
		T	296	100	745	238	983	574	21	595	475.00	48.00	523.00
All Groups		I	63283	18229	10127	11471	21598	2182	921	3103	14192.65	6497.62	20690.27
		UI	140512	100100	6381	18169	24550	1700	9085	10785	5305.17	57224.17	62529.33
		T	192100	116984	16508	29640	46148	3882	10006	13888	19497.81	63721.79	83219.60

Table 5H

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Crop: PADDY

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	203288	53655	34945	12976	47921	19954	514	20468
		UI	333015	2016	900	53726	54626	151	67	218
		T	470279	55209	35845	66702	102547	20105	581	20686
2	1.0 - 1.99	I	69627	17350	27124	11426	38550	15830	754	16584
		UI	89812	276	202	33625	33827	0	56	56
		T	130852	17471	27326	45051	72377	15830	810	16640
3	2.0 - 3.99	I	40523	16043	39620	6497	46117	27520	326	27846
		UI	34481	109	247	20248	20495	0	18	18
		T	62765	16104	39867	26745	66612	27520	344	27864
4	4.0 - 9.99	I	13904	7557	35245	1965	37210	24464	174	24638
		UI	5576	68	85	6110	6195	0	11	11
		T	17676	7571	35330	8075	43405	24464	185	24649
5	10 and Above	I	690	376	6807	76	6883	4197	0	4197
		UI	226	8	9	608	617	9	0	9
		T	882	376	6816	684	7500	4206	0	4206
All Groups		I	328032	94981	143741	32940	176681	91965	1768	93733
		UI	463110	2477	1443	114317	115760	160	152	312
		T	682454	96731	145184	147257	292441	92125	1920	94045

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Crop: MAIZE

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with The Pesticides		
			Total No.	No. treated with The Pesticides	HYV	Others	Total	HYV	Others	Total
			3	4	5	6	7	8	9	10
1	Below 1.0	I	4514	1032	535	146	681	144	2	146
		UI	236878	2346	2641	13132	15773	166	134	300
		T	240607	3378	3176	13278	16454	310	136	446
2	1.0 - 1.99	I	2315	673	604	136	740	316	1	317
		UI	70938	193	1266	7294	8560	39	50	89
		T	72685	866	1870	7430	9300	355	51	406
3	2.0 - 3.99	I	1117	298	437	212	649	139	78	217
		UI	28867	262	1112	6347	7459	59	132	191
		T	29883	561	1549	6559	8108	198	210	408
4	4.0 - 9.99	I	417	191	340	17	357	189	0	189
		UI	5775	70	789	2849	3638	0	69	69
		T	6175	261	1129	2866	3995	189	69	258
5	10 and Above	I	0	0	0	0	0	0	0	0
		UI	350	8	36	496	532	5	0	5
		T	350	8	36	496	532	5	0	5
All Groups		I	8363	2194	1916	511	2427	788	81	869
		UI	342808	2879	5844	30118	35962	269	385	654
		T	349700	5074	7760	30629	38389	1057	466	1523

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Crop: WHEAT

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	217201	54640	43309	11613	54922	20831	453	21284
		UI	412265	3735	3093	84065	87158	287	216	503
		T	550451	57913	46402	95678	142080	21118	669	21787
2	1.0 - 1.99	I	76244	21410	36316	10202	46518	20241	773	21014
		UI	108822	654	1171	54691	55862	28	196	224
		T	150158	21783	37487	64893	102380	20269	969	21238
3	2.0 - 3.99	I	44121	18730	48759	5658	54417	32532	363	32895
		UI	43327	385	930	34530	35460	0	140	140
		T	73702	18993	49689	40188	89877	32532	503	33035
4	4.0 - 9.99	I	14752	8384	41209	1638	42847	28363	201	28564
		UI	7883	139	878	10879	11757	0	99	99
		T	20325	8450	42087	12517	54604	28363	300	28663
5	10 and Above	I	712	392	7386	75	7461	4684	0	4684
		UI	419	8	41	1134	1175	17	0	17
		T	1064	392	7427	1209	8636	4701	0	4701
All Groups		I	353030	103556	176979	29186	206165	106651	1790	108441
		UI	572716	4921	6113	185299	191412	332	651	983
		T	795700	107531	183092	214485	397577	106983	2441	109424

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL CEREALS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	237909	60300	78822	25097	103919	40958	975	41933
		UI	453995	4769	7009	247325	254334	604	902	1506
		T	589218	64493	85831	272422	358253	41562	1877	43439
2	1.0 - 1.99	I	81185	22826	64044	21960	86004	36389	1546	37935
		UI	114771	865	2695	171240	173935	67	445	512
		T	154477	23364	66739	193200	259939	36456	1991	38447
3	2.0 - 3.99	I	47039	20286	88816	12514	101330	60190	768	60958
		UI	46023	572	2411	113643	116054	59	443	502
		T	75374	20614	91227	126157	217384	60249	1211	61460
4	4.0 - 9.99	I	15431	8667	76811	3659	80470	53021	375	53396
		UI	8628	174	1805	36875	38680	0	367	367
		T	20813	8733	78616	40534	119150	53021	742	53763
5	10 and Above	I	726	427	14194	151	14345	8883	0	8883
		UI	433	8	87	3864	3951	31	0	31
		T	1092	427	14281	4015	18296	8914	0	8914
All Groups		I	382290	112506	322687	63381	386068	199441	3664	203105
		UI	623850	6388	14007	572947	586954	761	2157	2918
		T	840974	117631	336694	636328	973022	200202	5821	206023

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL PULSES

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	2005	101	125	84	209	0	18	18
		UI	210422	765	347	18785	19132	2	142	144
		T	212290	866	472	18869	19341	2	160	162
2	1.0 - 1.99	I	1746	452	114	174	288	90	3	93
		UI	65625	285	175	11387	11562	27	38	65
		T	66989	738	289	11561	11850	117	41	158
3	2.0 - 3.99	I	2265	315	263	278	541	86	24	110
		UI	30023	473	229	8996	9225	63	56	119
		T	31991	788	492	9274	9766	149	80	229
4	4.0 - 9.99	I	1288	281	744	58	802	221	0	221
		UI	6234	102	154	3637	3791	45	5	50
		T	7485	383	898	3695	4593	266	5	271
5	10 and Above	I	21	0	0	2	2	0	0	0
		UI	215	0	0	465	465	0	0	0
		T	236	0	0	467	467	0	0	0
All Groups		I	7325	1149	1246	596	1842	397	45	442
		UI	312519	1625	905	43270	44175	137	241	378
		T	318991	2775	2151	43866	46017	534	286	820

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Sl. No	Size Groups (Ha)		TOTAL FOODGRAINS							
			No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with The Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2	3	4	5	6	7	8	9	10	
1	Below 1.0	I	238174	60300	78946	25182	104128	40958	993	41951
		UI	457957	5156	7357	266110	273467	606	1044	1650
		T	593058	64757	86303	291292	377595	41564	2037	43601
2	1.0 - 1.99	I	81185	22826	64158	22134	86292	36481	1548	38029
		UI	115940	947	2870	182625	185495	94	484	578
		T	155235	23413	67028	204759	271787	36575	2032	38607
3	2.0 - 3.99	I	47039	20286	89079	12792	101871	60276	792	61068
		UI	46760	947	2640	122642	125282	122	499	621
		T	75553	20706	91719	135434	227153	60398	1291	61689
4	4.0 - 9.99	I	15473	8667	77557	3716	81273	53242	375	53617
		UI	8873	259	1958	40514	42472	45	372	417
		T	20874	8733	79515	44230	123745	53287	747	54034
5	10 and Above	I	726	427	14194	153	14347	8883	0	8883
		UI	441	8	87	4326	4413	31	0	31
		T	1092	427	14281	4479	18760	8914	0	8914
All Groups		I	382597	112506	323934	63977	387911	199840	3708	203548
		UI	629971	7317	14912	616217	631129	898	2399	3297
		T	845812	118036	338846	680194	1019040	200738	6107	206845

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Crop: SUGARCANE

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with The Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
			3	4	5	6	7	8	9	10
1	Below 1.0	I	53709	12199	20474	245	20719	5147	199	5346
		UI	679	0	228	23	251	0	0	0
		T	54388	12199	20702	268	20970	5147	199	5346
2	1.0 - 1.99	I	25114	11985	25655	348	26003	12051	97	12148
		UI	291	0	85	14	99	0	0	0
		T	25309	11985	25740	362	26102	12051	97	12148
3	2.0 - 3.99	I	19589	12258	32190	208	32398	17712	162	17874
		UI	103	0	139	0	139	0	0	0
		T	19619	12258	32329	208	32537	17712	162	17874
4	4.0 - 9.99	I	8051	5774	23094	44	23138	14045	44	14089
		UI	31	0	55	0	55	0	0	0
		T	8082	5774	23149	44	23193	14045	44	14089
5	10 and Above	I	314	215	1681	1	1682	1167	0	1167
		UI	8	0	12	0	12	0	0	0
		T	314	215	1693	1	1694	1167	0	1167
All Groups		I	106777	42431	103094	846	103940	50122	502	50624
		UI	1112	0	519	37	556	0	0	0
		T	107712	42431	103613	883	104496	50122	502	50624

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL SPICES & CONDIMENTS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with The Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
			3	4	5	6	7	8	9	10
1	Below 1.0	I	3539	0	136	99	235	0	0	0
		UI	120314	115	192	5103	5295	0	2	2
		T	122035	115	328	5202	5530	0	2	2
2	1.0 - 1.99	I	1123	68	0	91	91	0	0	0
		UI	36413	183	48	2761	2809	0	28	28
		T	37169	251	48	2852	2900	0	28	28
3	2.0 - 3.99	I	994	61	0	126	126	0	3	3
		UI	14568	85	35	2127	2162	0	19	19
		T	14917	146	35	2253	2288	0	22	22
4	4.0 - 9.99	I	193	0	0	28	28	0	0	0
		UI	3103	35	63	901	964	0	11	11
		T	3121	35	63	929	992	0	11	11
5	10 and Above	I	8	0	0	3	3	0	0	0
		UI	198	0	0	89	89	0	0	0
		T	206	0	0	92	92	0	0	0
All Groups		I	5857	129	136	347	483	0	3	3
		UI	174596	418	338	10981	11319	0	60	60
		T	177448	547	474	11328	11802	0	63	63

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			TOTAL FRUITS Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
			3	4	5	6	7	8	9	10
1	Below 1.0	I	2613	1251	526	162	688	299	0	299
		UI	2514	491	254	255	509	179	0	179
		T	5127	1742	780	417	1197	478	0	478
2	1.0 - 1.99	I	1018	777	471	40	511	428	1	429
		UI	1403	231	179	410	589	19	88	107
		T	2421	1009	650	450	1100	447	89	536
3	2.0 - 3.99	I	1537	904	1261	252	1513	982	77	1059
		UI	1210	358	151	952	1103	110	179	289
		T	2747	1262	1412	1204	2616	1092	256	1348
4	4.0 - 9.99	I	1105	709	1879	336	2215	1536	1	1537
		UI	394	57	106	837	943	0	60	60
		T	1499	766	1985	1173	3158	1536	61	1597
5	10 and Above	I	106	77	797	0	797	528	0	528
		UI	196	16	103	1237	1340	0	37	37
		T	302	93	900	1237	2137	528	37	565
All Groups		I	6379	3718	4934	790	5724	3773	79	3852
		UI	5717	1153	793	3691	4484	308	364	672
		T	12096	4872	5727	4481	10208	4081	443	4524

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

Crop: POTATO

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	8003	3196	486	432	918	386	312	698
		UI	46454	773	207	3078	3285	0	152	152
		T	53878	3441	693	3510	4203	386	464	850
2	1.0 - 1.99	I	2149	386	33	281	314	0	81	81
		UI	15773	241	123	2570	2693	0	58	58
		T	17826	579	156	2851	3007	0	139	139
3	2.0 - 3.99	I	1786	634	156	412	568	121	249	370
		UI	8444	345	175	2750	2925	0	245	245
		T	10071	949	331	3162	3493	121	494	615
4	4.0 - 9.99	I	677	232	71	196	267	15	115	130
		UI	1791	44	129	1360	1489	0	43	43
		T	2434	277	200	1556	1756	15	158	173
5	10 and Above	I	8	0	0	1	1	0	0	0
		UI	45	0	0	61	61	0	0	0
		T	53	0	0	62	62	0	0	0
All Groups		I	12623	4448	746	1322	2068	522	757	1279
		UI	72507	1403	634	9819	10453	0	498	498
		T	84262	5246	1380	11141	12521	522	1255	1777

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

ALL VEGETABLES

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	17552	5940	946	1167	2113	824	362	1186
		UI	141095	1946	453	9452	9905	0	216	216
		T	154834	6829	1399	10619	12018	824	578	1402
2	1.0 - 1.99	I	7640	1762	688	1093	1781	552	275	827
		UI	40820	686	208	6435	6643	9	180	189
		T	46397	2362	896	7528	8424	561	455	1016
3	2.0 - 3.99	I	5708	1805	1000	1126	2126	797	381	1178
		UI	19112	721	362	6444	6806	38	333	371
		T	22770	2345	1362	7570	8932	835	714	1549
4	4.0 - 9.99	I	1710	887	784	431	1215	651	176	827
		UI	3646	114	142	2705	2847	0	84	84
		T	4828	949	926	3136	4062	651	260	911
5	10 and Above	I	84	55	111	3	114	111	0	111
		UI	153	0	0	179	179	0	0	0
		T	229	55	111	182	293	111	0	111
All Groups		I	32694	10449	3529	3820	7349	2935	1194	4129
		UI	204826	3467	1165	25215	26380	47	813	860
		T	229058	12540	4694	29035	33729	2982	2007	4989

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL FOOD CROPS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	271279	71507	101029	26854	127883	47228	1554	48782
		UI	465750	7066	8484	280978	289462	786	1262	2048
		T	632726	76816	109513	307832	417345	48014	2816	50830
2	1.0 - 1.99	I	86756	27409	90974	23706	114680	49511	1922	51433
		UI	116722	1659	3389	192249	195638	123	779	902
		T	161135	28619	94363	215955	310318	49634	2701	52335
3	2.0 - 3.99	I	48661	22375	123527	14503	138030	79767	1415	81182
		UI	47229	1677	3328	132203	135531	272	1032	1304
		T	77326	23270	126855	146706	273561	80039	2447	82486
4	4.0 - 9.99	I	15749	9269	103312	4554	107866	69473	595	70068
		UI	8951	391	2326	44963	47289	45	527	572
		T	21142	9380	105638	49517	155155	69518	1122	70640
5	10 and Above	I	792	441	16783	161	16944	10687	0	10687
		UI	449	24	202	5833	6035	31	37	68
		T	1158	457	16985	5994	22979	10718	37	10755
All Groups		I	423237	131001	435625	69778	505403	256666	5486	262152
		UI	639101	10817	17729	656226	673955	1257	3637	4894
		T	893487	138542	453354	726004	1179358	257923	9123	267046

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL OILSEEDS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	4541	1352	812	264	1076	720	0	720
		UI	66767	737	1766	3343	5109	200	31	231
		T	70961	2089	2578	3607	6185	920	31	951
2	1.0 - 1.99	I	2963	1246	662	211	873	525	13	538
		UI	26685	169	255	2979	3234	185	0	185
		T	29137	1416	917	3190	4107	710	13	723
3	2.0 - 3.99	I	2097	860	910	151	1061	630	0	630
		UI	11795	266	933	2158	3091	459	0	459
		T	13571	1097	1843	2309	4152	1089	0	1089
4	4.0 - 9.99	I	1063	591	889	151	1040	529	140	669
		UI	2766	220	1069	717	1786	647	0	647
		T	3789	791	1958	868	2826	1176	140	1316
5	10 and Above	I	29	21	21	3	24	13	0	13
		UI	92	0	606	25	631	0	0	0
		T	121	21	627	28	655	13	0	13
All Groups		I	10693	4070	3294	780	4074	2417	153	2570
		UI	108105	1392	4629	9222	13851	1491	31	1522
		T	117579	5414	7923	10002	17925	3908	184	4092

Table 5H (contd.)

Estimated Area Under The Crop Treated With Pesticides By Size Groups

TOTAL NON-FOOD CROPS

Sl. No	Size Groups (Ha)		No. of Holdings Growing the Crop		Area Under the Crop			Area Under the Crop Treated with the Pesticides		
			Total No	No. Treated With The Pesticides	HYV	Others	Total	HYV	Others	Total
1	2		3	4	5	6	7	8	9	10
1	Below 1.0	I	28508	2123	2461	2619	5080	959	0	959
		UI	87643	737	2581	7269	9850	200	31	231
		T	111606	2860	5042	9888	14930	1159	31	1190
2	1.0 - 1.99	I	14244	2105	1945	2384	4329	702	20	722
		UI	31928	265	530	5056	5586	263	0	263
		T	43752	2370	2475	7440	9915	965	20	985
3	2.0 - 3.99	I	14357	2635	2935	4083	7018	1386	122	1508
		UI	16105	485	1382	4091	5473	516	0	516
		T	27361	3062	4317	8174	12491	1902	122	2024
4	4.0 - 9.99	I	5971	1992	2652	2221	4873	1445	159	1604
		UI	4667	262	1277	1679	2956	655	0	655
		T	9085	2101	3929	3900	7829	2100	159	2259
5	10 and Above	I	203	97	134	164	298	90	22	112
		UI	169	0	611	74	685	0	0	0
		T	296	97	745	238	983	90	22	112
All Groups		I	63283	8952	10127	11471	21598	4582	323	4905
		UI	140512	1749	6381	18169	24550	1634	31	1665
		T	192100	10490	16508	29640	46148	6216	354	6570

Table 6A

Table 6A: Estimated No. of Cattle Reported (as on 15/10/2006) By Operational Holdings By Size Groups.

Sl. No	Size Groups (Ha)	Adult Stock *								Young Stock upto 2 1/2 Years **			Total No. of Cattle	Total No. of Holdings Reporting One Or More Categories of	
		No. of Holdings Reporting Males	Males Over 2 1/2 Years			No. of Holdings Reporting Females	Females Over 2 1/2 Years			No. of Holdings Reporting Young Stock	No. Reported				
			Working	Others	Total		In Milk	Others	Total		Male	Female			Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	379014	601832	103214	705046	384163	362907	142472	505379	265955	2E+05	193884	344975	1555400	504237
2	1.0 - 1.99	108830	170178	33072	203250	107152	104408	41847	146255	78557	45614	58745	104359	453864	136568
3	2.0 - 3.99	48572	72387	18305	90692	53574	56288	21179	77467	40150	23720	32241	55961	224120	64746
4	4.0 - 9.99	10866	15439	4779	20218	15210	18277	5965	24242	12060	8071	9975	18046	62506	17054
5	10 and Above	541	721	179	900	855	1134	366	1500	607	549	460	1009	3409	877
	ALL GROUPS	547823	860557	159549	1E+06	560954	543014	211829	754843	397329	2E+05	295305	524350	2299299	723482

* Cross Breed Over 2 1/2 Years + Native Breed Over 3 Years

** Cross Breed Over 2 1/2 Years + Native Breed Over 3 Years

Table 6B**Table 6A: Estimated No. of Buffaloes Reported (as on 15/10/2006) By Operational Holdings By Size Groups.**

Sl. No	Size Groups (Ha)	Adult Stock								Young Stock Upto 2 1/2 Years			Total No. of Buffaloes	Total No. of Holdings Reporting One Or More Categories of Buffaloes	
		No. of Holdings Reporting Males	Males Over 2 1/2 Years			No. of Holdings Reporting Females	Females Over 2 1/2 Years			No. of Holdings Reporting Young Stock	No. Reported				
			Working	Others	Total		In Milk	Others	Total		Male	Female			Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	50866	42790	17815	60605	361503	346016	95613	441629	195523	71768	176419	248187	750421	392452
2	1.0 - 1.99	22473	20132	5564	25696	109365	107452	29709	137161	68123	31843	64254	96097	258954	118069
3	2.0 - 3.99	11724	10837	2991	13828	54430	56131	17285	73416	36550	23360	35441	58801	146045	57803
4	4.0 - 9.99	3530	2975	854	3829	15888	18077	5515	23592	11898	9744	15115	24859	52280	16453
5	10 and Above	150	123	60	183	787	812	369	1181	648	736	911	1647	3011	863
	ALL GROUPS	88743	76857	27284	104141	541973	528488	148491	676979	312742	137451	292140	429591	1210711	585640

Table 6C

Estimated No. of Live Stock (Other Than Cattle And Buffaloes) Reported (as on 15/10/2006)By
Operational Holdings By Size Groups.

Sl. No	Size Groups (Ha)	Sheep	Goats	Horse And Ponnies	Mules	Donkeys	Camels	Pigs	Other Live Stocks			Poultry (Total No. of Birds)
									Yak	Mithun	Others	
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	146486	953216	0	33526	1196	0	5253	0	0	24233	464671
2	1.0 - 1.99	58709	250552	8008	11777	0	0	815	0	0	6235	130796
3	2.0 - 3.99	32343	108261	5458	5386	149	0	124	0	0	2004	58403
4	4.0 - 9.99	10244	25658	1887	1823	35	0	0	0	0	372	21110
5	10 and Above	218	1003	21	24	0	0	0	0	0	0	1805
All Groups		248000	1338690	15374	52536	1380	0	6192	0	0	32844	676785

Table 7**Estimated Number of Agricultural Machinery Used By Operational Holdings(as on 15/10/2006) By Size Groups Estimated Num**

Sl. No	Size Groups (Ha)	Hand Operated Implements											Sl. No	Size Groups (Ha)	
		Hand Seed Fert Drill	Pedal Operated Thresher	Winowing Fan	Maize Sheller	Chaff Cutter	Hand Operated Sprayer/Duster	Hand Hoe	Wheel Hoe	Blade Hoe	Paddy Weeder	Tree Pruner Chaffer			Budding And Grafting Knives
1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2
1	Below 1.0	784	1213	29911	4372	114910	14054	216987	14503	7127	1232	69640	8019	1	Below 1.0
2	1.0 - 1.99	510	703	10367	1783	38927	5114	56897	5060	2174	1380	18398	2566	2	1.0 - 1.99
3	2.0 - 3.99	416	530	4810	982	24819	3333	34898	2844	2233	1062	11569	2207	3	2.0 - 3.99
4	4.0 - 9.99	183	83	2007	241	9008	1485	12132	1392	1041	286	4315	1031	4	4.0 - 9.99
5	10 and Above	13	0	21	43	547	92	691	76	40	21	196	53	5	10 and Above
	ALL GROUPS	1906	2529	47116	7421	188211	24078	321605	23875	12615	3981	104118	13876		ALL GROUPS

Table 7 (contd.)

Number of Agricultural Machinery Used By Operational Holdings(as on 15/10/2006) By Size Group: Estimated Number of Acres

Hand Operated Implements		Animal Operated Implements											Sl. No	Size Groups (Ha)	Bund Farmer
Garden Fork	Others	Wooden Plough	Steel Plough	Disc Harrow	Cultivator Triphali	Seed Cum Fertilizer Drill/Seed Drill	Levelling Karah	Seed Planter	Olpad Thresher	Bullock Cart	Persian Wheel	Cane Crusher			
15	16	17	18	19	20	21	22	23	24	25	26	27	1	2	28
6008	443311	427193	95674	30152	7369	2131	94456	1724	947	29260	6555	584	1	Below 1.0	180
1519	111651	115488	33718	12244	4621	718	27506	184	761	14526	1187	48	2	1.0 - 1.99	0
1094	47276	48402	20517	7542	3825	266	10908	329	299	9988	713	26	3	2.0 - 3.99	80
523	9518	10398	6293	2189	1697	169	2469	124	242	3844	192	41	4	4.0 - 9.99	12
8	408	578	367	106	37	0	60	0	0	281	0	0	5	10 and Above	0
9152	612164	602059	156569	52233	17549	3284	135399	2361	2249	57899	8647	699	ALL GROUPS		272

Table 7 (contd.)

Agricultural Machinery Used By Operational Holdings(as on 15/10/2006) By Size Groups Estimated Number of Agricultural

Animal Operated Implements				Power Operated Implements		Power Operated Implements / Equipments				Sl. No	Size Groups (Ha)	Tractor Drawn Disc Harrow	Tractor Drawn Seed Drill Seed Cum Fertilizer Drill
Soil Scoop	Potato & Ground Nut Digger	Reaper	Others	Power Operated Sprayer/Duster	Diesel Engine Pumpset	Electric Pumpset	Power Tiller	Tractor Used For Agri Purposes /Wheel Tractors	Tractor Drawn Mould Board Plough				
29	30	31	32	33	34	35	36	37	38	1	2	39	40
493	19166	136183	163656	2244	50829	5540	3101	43944	11854	1	Below 1.0	11204	1944
0	6372	31764	43143	365	23506	8167	1745	22764	7334	2	1.0 - 1.99	8881	1708
0	2884	13536	17672	449	18316	9551	3439	20271	9182	3	2.0 - 3.99	11119	3190
41	659	4103	3915	270	7964	5103	1921	10289	5562	4	4.0 - 9.99	7058	2612
0	36	227	336	69	507	325	98	630	417	5	10 and Above	378	225
534	29117	185813	228722	3397	101122	28686	10304	97898	34349		ALL GROUPS	38640	9679

Table 7 (contd.)**Ta****I Machinery Used By Operational Holdings(as on 15/10/2006) By Size Groups Estimated Number of Agricultural Machinery Use**

Power Operated Implements / Equipments									Sl. No	Size Groups (Ha)	Power Operated Implements / Equip			
Tractor Drawn Planter	Tractor Drawn Leveller	Tractor Drawn Potato Digger	Power Thresher (Wheat, Paddy, Multi Purpose)	Power Chaff Cutter	Power Cane Crusher	Combine Harvesters Trailed Type	Combine Harvesters Self Propelled	Cultivator			Rotavator	Cage Wheel	Reaper	Maize Sheller
41	42	43	44	45	46	47	48	49	1	2	50	51	52	53
648	10077	972	5025	15574	324	493	0	6340	1	Below 1.0	1296	3121	0	0
3459	7153	828	2596	12821	0	221	0	4530	2	1.0 - 1.99	1286	3399	164	0
3591	6875	1116	5353	12382	76	76	76	5364	3	2.0 - 3.99	2262	4152	146	0
1673	3768	468	3823	5988	166	83	155	3887	4	4.0 - 9.99	1257	2429	124	58
63	162	13	188	330	0	13	36	258	5	10 and Above	57	142	13	0
9434	28035	3397	16985	47095	566	886	267	20379		ALL GROUPS	6158	13243	447	58

ble 7 (contd.)

ed By Operational Holdings(as on 15/10/2006) By Size Groups

Equipments		Miscellaneous					
Ground Nut Sheller	Others	Sprinklers Used For Irrigation Purposes Sprinkler Irrigation Sets	Drip Irrigation Sets	Hydraulic Ram	Chain Washer Pump	Bio Gas (Gobar Gas Plants)	Others (Specify)
54	55	56	57	58	59	60	61
0	648	0	0	0	0	2799	0
125	198	0	0	0	0	1726	0
73	118	0	0	0	0	1824	0
0	124	58	0	0	0	1315	0
0	0	27	13	0	8	117	0
198	1088	85	13	0	8	7781	0

Table 8**Estimated Institutional Credit Taken For Agricultural Purposes By Size Groups.**

Sl. No	Size Groups (Ha)	Total Number of Operational Holdings	Estimated Number of Operational Holdings That Took Institutional	No. of Operational Holdings That Took Credit From				Amount Of Institutional Credit Taken (In Rs.)			Amount Of Institutional Credit Taken (In Rs.)			Amount Of Institutional Credit Taken (In Rs.)		
				PACS*	PLDB/SLDB*	CBB*	RRBB*	PACS*			PLDB/SLDB*			CBB*		
								SL**	ML	LL	SL**	ML	LL	SL**	ML	LL
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	Below 1.0	656136	44243	12068	1122	7792	23549	148431609	0	0	0	101855347	3511710	104191418	25064851	291724615
2	1.0 - 1.99	162575	23776	4897	683	4282	14264	97837865	0	0	0	29734164	0	109620070	16227991	10893548
3	2.0 - 3.99	77556	18005	3859	451	2995	11514	127818259	0	0	0	83357484	9767710	102414178	9376407	16421274
4	4.0 - 9.99	21206	7690	1367	116	985	5654	64585200	0	0	0	33303852	0	44073840	7388563	16820907
5	10 and Above	1158	483	98	13	103	269	3954571	0	0	0	6914285	0	2263057	1382857	0
	All Groups	918631	94197	22289	2385	16157	55250	442627504	0	0	0	255165132	13279420	362562563	59440669	335860344

- * PACS: Primary Agricultural Credit Society,
 PLDB: Primary Land Development Bank/Branch of SLDB,
 CBB: Commercial Bank Branch
 RRBB: Regional Rural Bank Branch
- ** SL: Short Term Loans
 ML: Medium Term Loans

Table 8 (contd.)**Estimated Institutional Credit Taken For Agricultural Purposes By Size Groups.**

Sl. No	Size Groups (Ha)	Amount Of Institutional Credit Taken (In Rs.)			Amount Of Institutional Credit Taken (In Rs.)			Short Term Loans			Total (Rs.)
		RRBB*			Total			Value of The Quantity of Fertilizer Given (Rs.)	Value of Quantity of Other Inputs	Given In Cash	
		SL**	ML	LL	SL**	ML	LL				
1	2	18	19	20	21	22	23	24	25	26	27
1	Below 1.0	329777792	215680337	78696751	582400819	342600535	373933076	127950299	45326277	409124243	582400819
2	1.0 - 1.99	332613597	304757155	54165461	540071532	350719310	65059009	164796201	25111201	350164130	540071532
3	2.0 - 3.99	386733200	609140689	191084755	616965637	701874580	217273739	184782273	32595968	399587396	616965637
4	4.0 - 9.99	240730406	410725579	116417066	349389446	451417994	133237973	105130109	23190206	221069131	349389446
5	10 and Above	12130094	19359999	22442857	18347722	27657141	22442857	6435613	329071	11583038	18347722
	All Groups	1301985089	1559663759	462806890	2107175156	1874269560	811946654	589094495	126552723	1391527938	2107175156

Table 9A**Estimated Number of Holders Who Used Certified Seeds (Blue Tag) Etc. For Agricultural Purpose**

Sl. No	Size Groups (Ha)	Total No. of Operational Holding	No. of Holding Using Certified Seed	No. of Holding Used Notified Seed	No. of Holding Used Hybrid Seed	No. of Holding Taken Foundation Prog	Source Wise No. of Holders Who Purchased		
							Dept of Agri	Seed Corp	State Agri Univ Farms
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	656136	114787	1467	1215	11552	50686	20997	7880
2	1.0 - 1.99	162575	37401	463	350	4075	15208	6224	2742
3	2.0 - 3.99	77556	26700	280	203	2887	10987	4597	2376
4	4.0 - 9.99	21206	11241	123	89	1370	4631	2695	1276
5	10 and Above	1158	620	78	34	138	278	311	221
ALL GROUPS		918631	190749	2411	1891	20022	81790	34824	14495

Table 9A (contd.)

Estimated Number of Holders Who Used Certified Seeds (Blue Tag) Etc. For Agricultural Purpose

Sl. No	Size Groups (Ha)	Source Wise No. of Holders Who Purchased Certified Seed				No. of Holders Who Encountered Problem of Seed Quality					
		Coop Fed	Pvt Seed Comp	Pvt Seed D/R	Total	Varietal Impurity	Germination Failure	Physical Impurities	Insect Damage	Other Problem	Total
1	2	11	12	13	14	15	16	17	18	19	20
1	Below 1.0	50062	31038	67502	114787	134	493	0	0	0	627
2	1.0 - 1.99	15530	10686	21818	37401	0	0	0	0	0	0
3	2.0 - 3.99	11412	7811	16991	26700	0	0	0	0	0	0
4	4.0 - 9.99	5479	3527	6786	11241	0	0	0	0	0	0
5	10 and Above	201	139	288	620	0	0	0	0	0	0
ALL GROUPS		82684	53201	113385	190749	134	493	0	0	0	627

Table 9B**Crop Wise Distribution Of Operational Holdings Used Notified Seed (Certified)**

Sl. No	Crops	Size Classes (Ha)					Total
		Marginal Below 1.0	Small 1.0 - 1.99	Semi Medium 2.0 - 3.99	Medium 4.0 - 9.99	Large 10 And Above	
1	2	3	4	5	6	7	8
1	PADDY	1467	463	280	123	78	2411
2	MAIZE	516	81	59	39	0	695
3	RAGI	264	48	0	0	0	312
4	WHEAT	1467	463	280	123	78	2411
5	SUGARCANE	446	177	208	63	13	907
6	MANGOES	264	81	102	39	49	535
7	TOMATO	122	33	29	22	0	206
8	PEAS (VEGETABLE) (GR	0	129	29	17	0	175
9	RAPSEED & MUSTARD(T	122	129	102	63	0	416
10	SOYABEAN	122	33	29	22	36	242

Table 9C**Crop Wise Distribution Of Operational Holdings Used Hybrid Seed**

Sl. No	Crops	Size Classes (Ha)					Total
		Marginal Below 1.0	Small 1.0 - 1.99	Semi Medium 2.0 - 3.99	Medium 4.0 - 9.99	Large 10 And Above	
1	2	3	4	5	6	7	8
1	PADDY	627	173	203	31	21	1055
2	MAIZE	264	48	30	0	0	342
3	WHEAT	1215	350	203	89	21	1878
4	SUGARCANE	0	0	73	41	13	127
5	MANGOES	0	48	30	17	0	95
6	RAPESEED & MUSTARDT	0	96	0	0	0	96

Table 9D**Number of operational holdings by usual methods of pest control.**

S.No.	Size Group (in ha.)	Total Number of Operational Holdings	Exclusive no. of holdings which adopted	Agro economic & Cultural Practices	Mechanical Control	Biological Methods	Chemical Methods	Others	No Efforts
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	656136	608085	0	264	115	57925	549781	48051
2	1.0 - 1.99	162575	150429	0	257	39	19111	131022	12146
3	2.0 - 3.99	77556	71229	0	384	24	15897	54924	6327
4	4.0 - 9.99	21206	20017	0	63	0	7433	12521	1189
5	10 and Above	1158	963	0	0	0	405	558	195
All Groups		918631	850723	0	968	178	100771	748806	67908

Table 10**Estimated Number of Operational Holders by Educational Status**

Sl No.	Size Group	Total Number of Holders	Educational Qualification of Operational Holder						
			Illiterate	Upto Class V	Middle	Secondary	Senior Secondary	Technical Diploma below degree level	Graduate & Above
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	656136	140374	177109	185371	101069	36688	14774	751
2	1.0 - 1.99	162575	28341	38416	45823	32515	12657	4332	491
3	2.0 - 3.99	77556	15621	15254	19078	16111	7547	3832	113
4	4.0 - 9.99	21206	4948	3309	4876	4150	2461	1462	0
5	10 and Above	1158	389	123	329	125	92	79	21
All Groups		918631	189673	234211	255477	153970	59445	24479	1376

Check point: 1. Col 3=Cols (4+5+6+7+8+9+10).
 2. Col3 must be equal to Col 3 of T:

Table 11
Average Age of Operational Holder (years).

Sl No.	Size Group	Total Number of Holders	Distribution of Operational Holder (no.) in different Age Groups with Average Age (years)							
			Age Group1 (Below 18 yrs)	Age Group2 (18-30 yrs)	Age Group3 (31-40 yrs)	Age Group4 (41-50 yrs)	Age Group5 (51-60 yrs)	Age Group6 (61-65 yrs)	Age Group7 (66 yrs & above)	Average Age (years)
1	2	3	4	5	6	7	8	9	10	11
1	Below 1.0	656136	0	23032	111168	221535	177447	63205	59749	49.49
2	1.0 - 1.99	162575	0	4490	20168	52155	49534	18023	18205	51.17
3	2.0 - 3.99	77556	0	2385	10025	23195	23259	8700	9992	51.41
4	4.0 - 9.99	21206	0	428	2283	5723	6208	2964	3600	53.18
5	10 and Above	1158	0	32	52	288	377	247	162	54.59
All Groups		918631	0	30367	143696	302896	256825	93139	91708	50.04

Check point: 1. Column 3 = Column 3 of Table 1.

2. Individually Columns 4, 5, 6, 7, 8, 9 and 10 should be less than or equal to Column 3.

3. Columns 4+5+6+7+8+9+10 =Column 3.

Table 12**Average Size of Household of Operational Holders (no.)**

Sl No.	Size Group	Total Number of Holders	Size of Household of Operational Holder(no.) with Average							
			Family Group1 (Upto 3)	Family Group 2 (4-6)	Family Group 3 (7-9)	Family Group 4 (10-12)	Family Group 5 (13-15)	Family Group 6 (16-19)	Family Group 7 (20 & above)	Average Size
1	2	3	4	5	6	7	8	9	10	11
1	Below 1.0	656136	55554	375339	162210	48726	14307	0	0	6.13
2	1.0 - 1.99	162575	10022	79073	51380	16259	5841	0	0	6.69
3	2.0 - 3.99	77556	4880	33106	25025	10455	4090	0	0	7.06
4	4.0 - 9.99	21206	1492	8445	5980	3078	2211	0	0	7.44
5	10 and Above	1158	81	352	362	272	91	0	0	7.84
All Groups		918631	72029	496315	244957	78790	26540	0	0	6.34

Check point: 1. Column 3 = Column 3 of Table 1.

2. Individually Columns 4,5, 6, 7, 8, 9 and 10 should be less than or equal to Column 3.

3. Columns 4+5+6+7+8+9+10 =Column 3.