



GOVERNMENT OF GOA

A
REPORT ON
AGRICULTURE INPUT SURVEY
2016-17

DIRECTORATE OF PLANNING, STATISTICS & EVALUATION

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PUNDALIK NAGAR, PORVORIM - GOA

PREFACE

The Ministry of Agriculture and Farmers Welfare, Government of India, conducts the quinquennial Agriculture Census in three phases throughout the country in order to create a sound and reliable database for planning and policy formation of the agriculture sector at the national as well as State level. Goa is a participant in this National level program since its inception.

The Input Survey forms the third phase of the Agriculture Census. The Directorate of Planning, Statistics and Evaluation has conducted the 9th Agriculture Input Survey with reference year 2016-2017 as a part of the 10th Agriculture Census 2017-18.

This Report presents the results of the Agriculture Input Survey 2016-2017 carried out in Goa by adopting the concepts, definitions and methodology evolved by the Ministry of Agriculture and Farmers Welfare, Government of India.

The efforts of the Officers/Officials involved in the conduct of the fieldwork of the Input Survey and bringing out this Report is appreciated.

This Report will serve as an important and useful official document for Planners, Policy-makers and Researchers in the field of Agriculture.

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Porvorim – Goa
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Introduction:

Agriculture Input Survey constitutes the third phase of the main Agriculture Census which is conducted in 3 phases. Considering the fact that agriculture is the predominant sector of India's economy, the Ministry of Agriculture and Farmer's Welfare, New Delhi, has been conducting the Agriculture Census throughout the Country every quinquennial year since 1970-71. It is a large-scale statistical operation for collection and derivation of quantitative information about the structure of agricultural holdings in the country which is the ultimate unit for taking decisions for development of Agriculture at micro level. The relevant information for micro level agricultural planning is gathered through the first and second phases of Agriculture Census.

In Goa too, agriculture is an important sector of the economy. The Directorate of Planning, Statistics and Evaluation has conducted the 9th Agriculture Input Survey with reference year 2016-2017 as the 3rd phase of the 10th Agriculture Census 2017-18. This Report presents the results of the Agriculture Input Survey 2016-2017 carried out in Goa by adopting the concepts, definitions and methodology evolved by the Ministry of Agriculture and Farmers Welfare, Government of India. An "Operational Holding" for the purpose of Agriculture Census is defined as "all land which is used wholly or partly for agricultural production and operated directly or managed as one technical unit by one person alone or with others without any regard to the title, legal form, size or location. A holding may consist of one or more parcels of land provided they are within the same Taluka and form part of the same management and has the same means of production such as labour force, machinery and other inputs". Agricultural land operated outside the boundaries of the State is not considered.

The Input Survey involves collection of various information on the use of major inputs like seeds, fertilizers, manure and pesticides, irrigation, agricultural machinery and implements etc., related to the agricultural holding. The data is collected through oral enquiry from selected operational holders in sample villages.

Topography and Demography:

Formerly a part of the erstwhile Union Territory of Goa, Daman and Diu, Goa attained Statehood on 30th May, 1987. The smallest of States in the country, Goa is situated on the western coast of the Indian Peninsula and between the coastal borders of Maharashtra and Karnataka. It is bounded in the North by the Terekhol River which separates it from Maharashtra State, in the East and South by Karnataka State and in the West by the Arabian Sea.

Goa has a geographical area of 3,702 km² with hilly terrain especially on its eastern side, where lies the southern end of the Sahyadri ranges. These mountains, after skirting a considerable portion of the northeastern and southeastern boundaries, branch off westward across the State with many spurs and ridges. The terrain is interspersed by a number of rivers flowing westwards, which provide a network of internal waterways. The altitude of the towns in Goa range between 20 and 62 meters above sea level.

Goa is acclaimed as a world renowned tourist destination with its vast coastline admeasuring 105 kms from Terakol in Pernem, North Goa, to Polem in Canacona, South Goa dotted with picturesque beaches, creeks and estuaries rich in marine fauna formed by the rivers which provide a good shelter for fishing crafts.

Panaji is the Capital city of Goa. The State is divided into 2 districts viz. North Goa District and South Goa District comprising 12 Talukas/Tehsils constituting 384 habitated villages governed by 191 Village Panchayats and 14 Municipal Councils. Goa is regarded as one of the most developed Indian States in terms of literacy (89%) and public infrastructure.

Soils in Goa

The climate topography, geology and vegetation have played a prominent role in the development of the soils in the State. The soils in general are lateritic. The agricultural low lands, especially in the coastal track are alluvial flats formed through sedimentation along the principal rivers. In many cases, they are protected by dykes. Along the coastline there are sand dunes, too dry and barren to sustain any agricultural crops except cashew and coconut.

Most of the remaining land much of which classified as forests originates from Archaean rock formations which are very thick. In the highlands, laterite covers gneiss and hypogenic rocks, from which iron ore is mined extensively. The soil is murum on the slopes. Many commercial tree species thrive in the well aerated soils at the foothills, where the murum is mixed with humus to form a loamy soil, and where the growth is often thick and high. In the valleys where the perennial natural water springs occur, arecanut plantations interspersed with spice crops and other fruit bearing trees generally termed as 'kulaghars' are seen.

The soils in Goa State can, therefore, be classified into three categories viz. (1) Laterite or Lateritic, (2) Alluvial and (3) Sandy. About 2,75,900 Ha. are of the first category and are highly acidic in nature, sandy loam to silt loam in texture and well drained. They are poor in lime, phosphorus and potash but fairly good in organic matter and nitrogen. About 24,950 Ha. are alluvial, 17,600 Ha. of which are subject to inundation of saline water and have to be protected by bunds to grow crops successfully. The nine kilometers coastal inland comprise a stretch of 38,000 Ha. half of which has a high water table and could be exploited for irrigation and multiple cropping. These soils are also acidic, sandy to sandy loams, fairly rich in organic matter but very deficient in phosphate and potash.

Rainfall and temperature

The climate in Goa is generally warm and humid and the year round temperature varies from 18⁰ C to 34⁰ C. Among all the towns of the Goa State, the altitude of Mormugao town is the highest i.e. 62 mts above the sea level. Since the towns are situated very near to the coast, the maximum temperature seldom exceeds 34⁰ C and the minimum seldom falls below 18⁰ C.

Being located on the west coast of India, it receives copious annual rainfall of about 2,500 to 5,000 mm from South-West monsoons for a short period of four months from June to September. Short lengths of rivers, deep marine ingress, steep slopes in the Western Ghats and reserved forests pose constraints for large storage structures. Due to thin soil cover and highly rugged configuration of the topography, heavy rainfall leads to high run

off rendering the period from November to May dry. Rainfall pattern is heaviest on the mountain ranges and its western slopes i.e. 5000 mm and it gradually reduces towards the coastal plains i.e. 2500 mm. Plain land in the State is restricted to a few kilometers from the coastal line and since rivers flowing through the plain lands have very flat slopes at the estuarine reaches, acting as back waters of the sea, the tidal effect is felt right up to the foothills of the Western Ghats. In the western half, where most of the land is below 100 meters in altitude, the rainfall average varies between 2600 and 4000 millimeters and in the eastern half, where the hills and mountains rise to higher altitudes (max. 1,666 mts. above sea level), temperature variations are wider and the rainfall is considerably heavier.

Crop Seasons

Basically, the soil and climate conditions in Goa favour the growth of a wide variety of tropical crops. Crops like paddy, ragi, pulses, beans, other millets and vegetables are grown during Kharif season (from May to August). The important crops which are grown during Rabi season (December to February) are paddy, pulses, beans and vegetables. During the summer season some beans and vegetables are also grown. Coconut, arecanut, cashew, mango, jackfruit are popular among the tree crops. The common fruit crops include breadfruit, papaya, lemon, banana and pineapple. Vegetables such as aramanthus, brinjal, lady's fingers, radish, cucumber, pumpkin, drumsticks, different varieties of gourds etc. are widely grown. Sweet potatoes, onions and chilies are grown wherever irrigation facilities are available. Sugarcane is another crop cultivated on a large scale to cater to the sugar factory in the taluka of Dharbandora in South Goa District.

Population Characteristics

As per the 2011 Population Census, Goa had a population of 14, 58,545 (7,39,140 males against 7,19,405 females) with a density of 394 per Sq. Km. The most populous town in the State is Mormugao with population of 94,393 and Shiroda is the highest populated village with population of 14,041. Jua has been registered as the least populated town having population of 4134. The Sex ratio in Goa stood at 973 during 2011 Population Census as against 961 in 2001 Population Census. Sex ratio of Child population in the age

of up-to six years was 942 and above seven years was 977. The Literate population in Goa was recorded as 11, 65,487 (79.90%).

Objectives

The main objective of the Input Survey is to generate data on consumption of various agricultural inputs, according to major size groups of operational holdings, viz. marginal (below 1.0 Ha.), small (1.0-1.99 Ha.), semi-medium (2-3.99 Ha.), medium (4-9.99 Ha.) and large (10 Ha. and above), for gaining an insight into the consumption pattern of inputs, by various categories of farmers' points. This information is vital for planning their production, imports and distribution of fertilizers. The inputs covered in the survey include chemical fertilizers, high yielding variety (HYV) seeds, pesticides, farmyard manure/compost, bio fertilizers, agricultural implements & machinery and agricultural credit.

Reference Period

The reference period for the Input Survey as recommended by the Ministry of Agriculture was 2016-17 (July 2016 to June 2017) though for the agriculture 'Main Census' the reference period was 2015-16 (July 2015 to June 2016). The past practice of Input Survey has been to collect the data separately for kharif and Rabi season. This was recommended to reduce the memory recall lapse. However, since this survey was delayed, it was recommended that the information for both kharif, 2016-17 and Rabi 2016-17 be collected in one go.

Items Coverage in the Survey

The following information was collected according to size classes of operational holdings in Input Survey 2016-2017.

1. Number of parcels
2. Multiple cropping separately for irrigated and unirrigated areas
3. Use of chemical fertilizers, organic manures and pesticides, separately for irrigated and unirrigated areas under crops

4. Use of agricultural equipment and machines
5. Agricultural credit availed
6. Types of seeds used and quality problems
7. Integrated Pest Management (IPM) practices
8. Age, educational qualification of holders and size of household
9. Soil health/Soil testing

Methodology

During the ‘Main Census’, 50% of the villages were selected by using simple random sampling method and in each selected village/ward cent per cent of the operational holdings were covered.

Since, the Input Survey 2016-2017 was restricted only to the rural areas, as per the methodology, 7% villages were selected randomly from all the talukas in Goa, as a stratum from the villages selected for the Agriculture Census 2015-2016. The number of villages thus selected in the State were 29 as under:

	<u>Tiswadi</u>		<u>Sattari</u>		<u>Mormugao</u>
1	Talaulim	11	Dabem	21	Arrosim
2	Neura-o-Pequeno	12	Choraundem		
3	Renovadi	13	Assodem		<u>Quepem</u>
		14	Codal	22	Barcem
	<u>Bardez</u>	15	Satorem	23	Fatorpa
4	Nerul			24	Maina
5	Anjuna		<u>Ponda</u>		
6	Camurlim	16	Shiroda		<u>Sanguem</u>
		17	Querim	25	Rubrem
	<u>Pernem</u>			26	Verlem
7	Tiracol		<u>Salcete</u>		
8	Poroscodem	18	Sernabatim		<u>Canacona</u>
		19	Navelim	27	Poinguinim
	<u>Bicholim</u>	20	Chinchinim		
9	Maulinguem North				<u>Dharbandora</u>
10	Haryalem			28	Sonauli

In each selected village, the operational holdings were grouped into the following size classes.

Sl. No.	Size Classes	Codes
1	Below 1 Ha.(one Ha. is equal to 10,000 sq. mts)	1
2	1 to 1.99 Ha. (1 Ha. and above but below 2 Ha.)	2
3	2 to 3.99 Ha. (2 Ha. and above but below 4 Ha.)	3
4	4 to 9.99 Ha. (4 Ha. and above but below 10 Ha.)	4
5	10 Ha. and above	5

CONCEPTS AND DEFINITIONS

1. Operational Holdings

(i) “Operational holding” is 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’*. It can be derived from this definition that the actual cultivator and not only the owner is the unit for collection of data.

(ii) An operational holding will include both cultivated and uncultivated area. For example, an operational holding consisting of four survey numbers out of which, one survey number is put to non-agricultural use; the total area of the operational holding will be equal to the total geographical area of the four survey numbers. The holding will exclude Government forest land, grazing land etc.

2. Parcel

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

3. Holder or Operator

The holder/operator is the person who has the responsibility for the operation of the agricultural holding. He exercises the technical initiative and may have full economic responsibility (i.e. as owner) for it or share this with others (as a tenant). When two or more persons share jointly (as partners) in the economic and technical responsibility for the operation of an agricultural holding, each is to be considered as the holder if they belong to different households and the holding will be termed as joint holding. For Input Survey, any one of these could be taken as the operational holder and be approached for responding to the questionnaire.

4. Total Area of Holdings

The total area of the holding should include the total of all land forming part of a unit, which is under the same technical responsibility and management. It should also comprise the land occupied by the farm buildings, including the house of the holder, provided such buildings are within the cultivated area. If the farm buildings are located outside the cultivated area and are covered under abadi area, such buildings will not be included in the area of the holding.

5. Agricultural Production

For the purpose of Input Survey, agricultural production would mean the growing of field crops, fruits, nut seeds, trees/plants' nurseries (except those of forest trees), bulbs, vegetables and flowers, production of coffee, tea, cocoa, rubber, jute, oilseeds, fodder grasses etc.

6. Land Utilization

Land Utilization relates to knowing the cropping intensity under irrigated and un-irrigated conditions. As such, for the purpose of input survey land under net sown area is considered.

- (i) **Net area sown:** It represents the total cultivated area during the reference year without any regard to the number of times it has been cultivated in a year. Thus, for the net sown area, the areas cultivated more than once during the same year is counted only once. Both field crops and orchards forms part of the net sown area.

Apart from net sown area other folds of land are as follows:-

- (ii) Area under current fallow - This includes all the areas which are usually cropped but have not been cultivated during the reference year.
- (iii) Fallow land other than current fallow
- (iv) Culturable waste
- (v) Permanent pastures and other grazing land
- (vi) Land under miscellaneous tree crops
- (vii) Forests

7. Integrated Pest Management (IPM)

Integrated Pest Management is categorized in four groups such as agronomic and cultural control, mechanical control, biological control and chemical control. IPM is the judicious combination of the above mentioned approaches.

- (i) Agronomic and cultural practices:** This is a preventive method and it is based upon knowledge of life history and habits of pests. It includes deep ploughing after harvesting a crop to expose the hidden or resting insects, weeding, removing and destroying of stubbles and other trash, adjusting the time sowing to avoid peak incidence period of pests etc.
- (ii) Physical and mechanical control:** This is one of the oldest methods and includes measures such as collection of eggs and caterpillars (in active stages of pests), removal and destruction of infested part of the plant, beating of drums, laying of night traps and yellow traps. These methods are found effective in the initial stages of the pest incidence when practiced by a large number of farmers in particular areas.
- (iii) Biological control:** Most of the crops have their natural enemies in the form of parasites and predators and disease causing organisms. These methods are often applied by specialized agencies in conjunction with chemical methods so that harmful effects of insecticides do not interfere with the activities of nature based enemies of pests.
- (iv) Chemical control:** This method relates to use of insecticides, pesticides and weedicides, in the form of dust, sprays and granules on the crops.

8. Fertilizers

- (i) Chemical fertilizers, Organic manure, Green manure and Bio-fertilizers:** A package of practices are followed for replenishing the loss of nutrients from the soil as a result of cultivation to maintain the fertility of the soil and it involves use of organic manure, green manure, chemical fertilizers and bio-fertilizers.
- (ii) Chemical Fertilizers:** Chemical fertilizers refer to chemical compounds, which are manufactured in the factories and are used as soil nutrients. These are

classified as “Macro-nutrient” fertilizers which supply nitrogen (N) phosphate (P) and potash (K) and “Micro-nutrient” fertilizers which supply zinc, manganese, copper, iron, and aluminum etc. The popular macro-nutrient fertilizers are – urea, DAP, MOP, CAN and a number of complex fertilizers and their physical mixtures.

- (iii) **Organic manures:** Organic manure is usually not manufactured in a chemical factory and is produced by the farmers in their fields using various types of agricultural waste.
- (iv) **Bio-fertilizers:** Bio-fertilizers require storage at specified temperatures. These carry some living bacteria on an organic base. Bio-fertilizers are rhizobium, azabactor, blue-green algae and phosphate solubilizing bacteria (PSB). When bio-fertilizers are put into the soil, they start their activities e.g. fixing the nitrogen from air to soil.
- (v) **Green manure:** Green manure refers to the cultivation of specific type of vegetation with the intension of ploughing it back in the soil when the leaves are tender and easily decomposable. The popular type of green manures used by the farmers include sesbania (dhencia), sunhemp (sanai), indigo, urd and cowpea.

9. SOIL HEALTH

For assessing the soil health status, the State Government has established testing laboratories for testing the PH value, i.e. N (Nitrogen), P (Phosphorus) and K (Potash) values of the soil samples collected from the farmers’ fields. Farmers are accordingly, advised by Testing Labs to increase the fertility of the soil by using specific fertilizers and chemicals depending upon the PH values.

10. Crop-wise Area (Irrigated and Unirrigated)

Crops are basically classified as food crops and non-food crops as under:

- 1. **Food Crops:** Food crops include cereals, pulses, spices and condiments, fruits, vegetables and other food crops which are enumerated below:

- (i) **Cereals:** Cereals include rice, jowar, bajra, maize, ragi, wheat, small millets, barley and other cereals.
- (ii) **Pulses:** Pulses include gram, tur, urad, moong, masur etc. and other pulses.
- (iii) **Food-grains:** The total area under cereals plus total area under pulses gives the total area under food-grains.
- (iv) **Spices and Condiments:** Spices and condiments include black pepper, chillies, ginger, turmeric, cardamoms, betel-nuts (areca-nuts), garlic, coriander and others.
- (v) **Fruits:** Fruits include mangoes, citrus fruits, bananas, apples, guavas, grapes, dry fruits such as cashew-nut and others.
- (vi) **Vegetables:** Vegetables include potato, carrot, sweet potato, tomato, spinach, brinjal, cauliflower etc.

2. Non-Food Crops: These include oilseeds, fibres, dyes and tanning material, drugs and narcotics, plantation crops, fodder crops, green manure crops, medicinal plants, floriculture crops and other non-food crops.

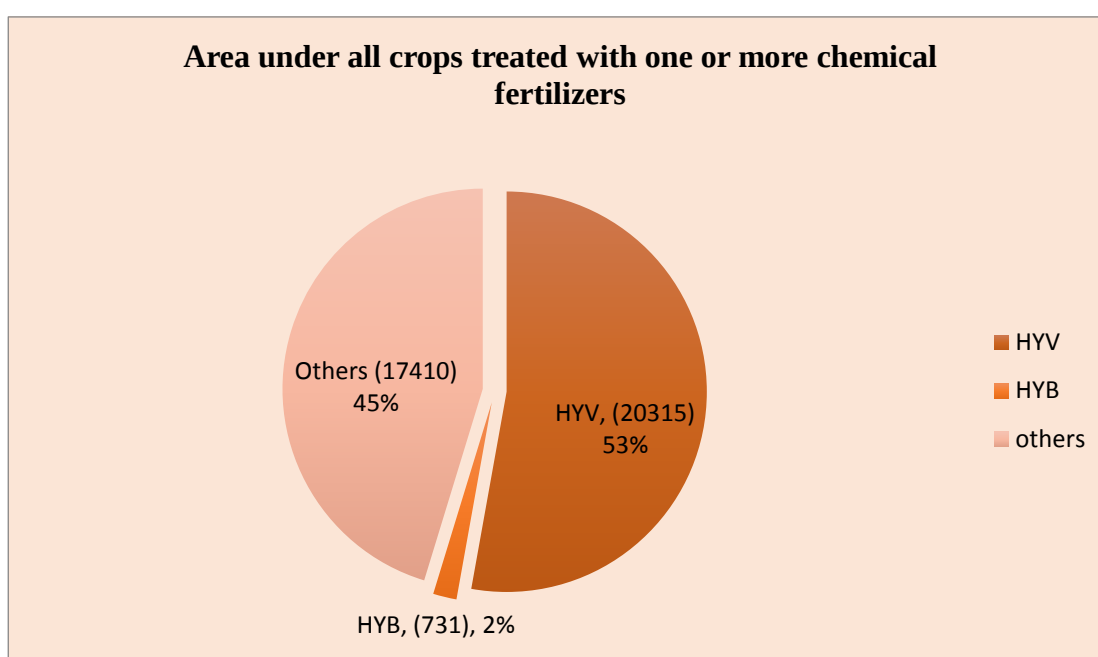
- i. **Oilseeds:** Oilseeds include groundnut, castor seed, sesame, rapeseed, and mustard, linseed, coconut, niger-seed, safflower seed, cotton seed and other oilseeds.
- ii. **Fibres:** Fibres include cotton (lint), cotton (kapas), Jute mesta, sun-hemp.
- iii. **Plantation crops:** Plantation crops include rubber, tea and others.
- iv. **Fodder crops:** Fodder crops include guar, oats and other fodder crops.
- v. **Dyes and tanning material:** These include indigo and others.

Analysis of Census Results

The data collected under the Input Survey 2016-17, is tabulated in 12 nos. of main tables. The data is grouped in 5 nos. of classes on the basis of size of operational holdings, the lowest size class being area operated below 1.0 Ha. and the highest being 10 Ha. and above. These tables depict information on the use of major inputs by usage of man-power like seeds, fertilizers, manure and pesticides, irrigation, agricultural machinery and implements available etc. The analysis of the Report is as under:

- The total number of operational holdings in the State during the year 2016-2017 were recorded as 74,449 with an area of 76,079 Ha. of land. The total holdings consisted of 1,03,459 nos. of parcels of which 1,02,140 (98.73%) nos. of parcels were located within the village of residence and the rest 1,319 (1.27%) nos. of outside the village of residence but within the district. The average number of parcels per holding was estimated at 1.39, while the average area per parcel and per holding was estimated at 0.74 Ha. and 1.02 Ha. respectively, as can be seen in **Table 1**.
- It is observed in **Table 2A** that the total irrigated area under ‘cropped only once’ during the reference period accounted for 20,307 Ha. and ‘cropped twice-one crop irrigated’ accounted for 1,951 Ha. Thus the net and gross irrigated area cropped remains the same at 22,258 Ha. for all the size groups of holdings. While **Table 2B** shows that the unirrigated area which is cropped once is found to be 49,898 Ha. and cropped more than once is 938 Ha. for all size group holdings. The area irrigated and unirrigated accounted for 29.26% and 66.82% respectively, of the total operated area whereas the current fallow and other uncultivated land was around 3.92%.
- During the year 2016-17, all the 74,052 nos. of holdings in the State comprised of 36,767 nos. of irrigated and 60,092 nos. of unirrigated holdings of which 28,016 nos. of irrigated and 35,305 nos. of unirrigated holdings were treated with one or more chemical fertilizers (*Note: irrigated + unirrigated may be equal or greater than total holdings*). The irrigated holdings were distributed in 22,258 Ha. of land of which high yielding variety (HYV) crops accounted for 5,997 Ha., Hybrid (HYB) 606 Ha., and ‘other’ crops were 15,655 Ha. of land. As far as unirrigated holdings are concerned,

14,945 Ha. of area was under HYV crops, 546 Ha. under HYB and 38,234 Ha were under other crops. The area under all crops treated with one or more chemical fertilizers was 5,885 Ha. and 14,429 Ha. respectively being irrigated and unirrigated area under HYV crops. Area under HYV crops treated with one or more chemical fertilizers was recorded at 522 Ha. and 209 Ha. under irrigated and unirrigated land, while area under other crops was recorded at 8,400 Ha. under irrigated and 9,010 Ha. under unirrigated land.



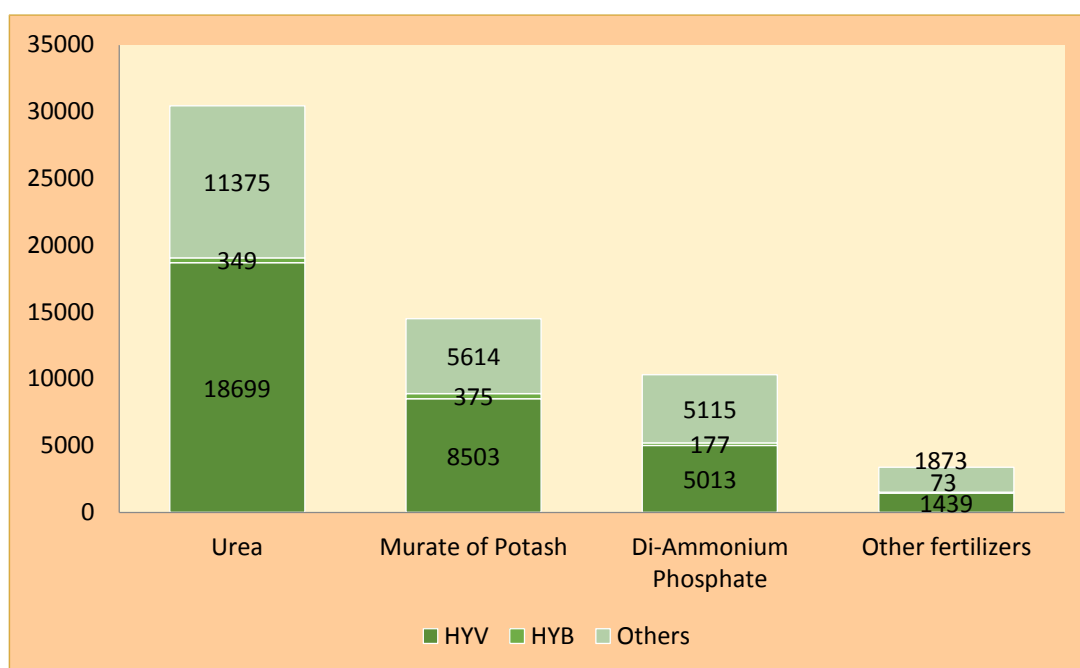
- **Table 3** depicts area under all crops and usage of chemical fertilizers. Area under all crops treated with one or more chemical fertilizers for HYV crops under irrigated or unirrigated area were 5,885 Ha. and 14,429 Ha. respectively. With regard to HYB, it accounted for 522 Ha. and 209 Ha. While for ‘Others’ under irrigated or unirrigated area it accounted for 8,400 Ha. and 9,010 Ha.

The size group-wise total chemical fertilizers used under nitrogen, phosphate and potash (NPK) is given in **Table no. 3**. The distribution of nutrients applied to HYV crops grown were 1,254 MT of nitrogen, 969 MT of phosphate and 298 MT of potash. While for HYB crops, 36 MT of nitrogen, 25 MT of phosphate and 27 MT of potash were provided by the cultivators to their crops. With regard to other crops, the

distribution of nutrients applied were 961 MT of nitrogen, 491 MT of phosphate and 624 MT of potash. It is seen from the above figures that NPK fertilizers used under HYB is less as compared to HYV and other crops.

- The kind of fertilizers mostly used by the operational holders for raising their crops were urea, murate of potash, di-ammonium phosphate (18:46:0) and NPK mixtures along with other fertilizers. The application of these fertilizers to all the crops grown under HYV, HYB and other crops whether irrigated or unirrigated for different size groups of holdings can be seen in **Table 3A**.

Area under all crops treated with fertilizers (Area in Ha.)

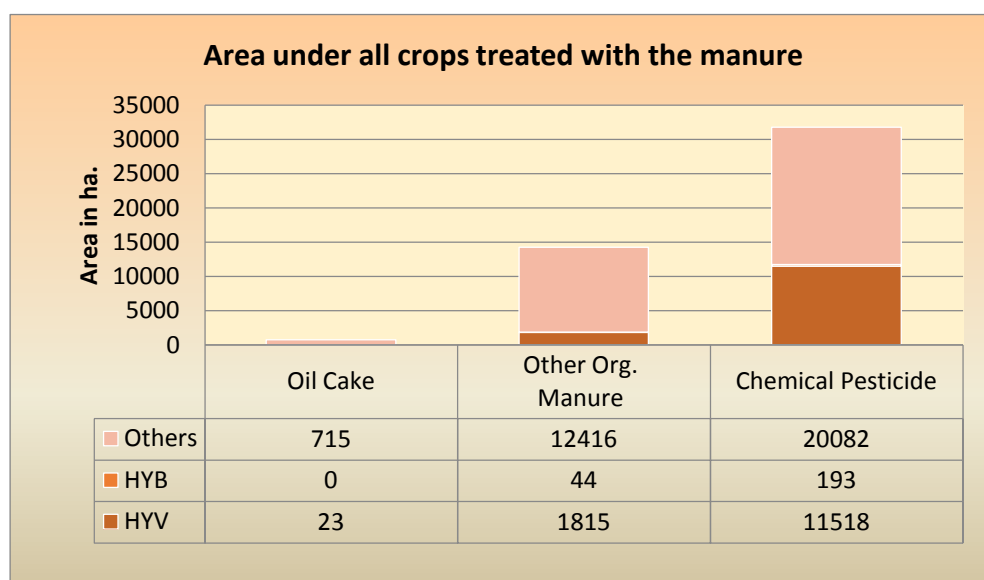


In particular, 3,619 MT of urea was used for crops irrigated and un-irrigated and for an area of 30,423 Ha. under HYV, HYB and other crops by all size groups of operational holdings. Similarly, doses of 1582 MT. of murate of potash and 3,097 MT of di-ammonium phosphate (18:46:0) were given to an area of 14,492 Ha. and 10,305 Ha. of land respectively whether irrigated or unirrigated for all the size groups of operational holdings. Other variety of fertilizers were used in a lesser quantity, which collectively accounted for 281 MT in an area of 3,385 Ha.

- Application of chemical fertilizers to food crops and non-food crops were of the order of 4,016 MT and 668 MT respectively of which composition of N, P and K was 54%, 34% and 12% for food crops and 15%, 20% and 65% for non-food crops respectively covering HYV (63%), HYV (2%) and others (35%) under food crops and HYV (2%), HYB (0.18%) and others (97.82%) under non-food crops. Interested researchers may refer **Tables 4 and 4A** for details of distribution of application of fertilizers by each size group holdings whether irrigated or unirrigated, as also applied nutrient quantity under HYV and other crops for different size groups of holdings.
- During this Input Survey 12,849 nos. of holdings were recorded treating crops with FYM/compost/biogas manure etc. Out of these, 4,720 nos. of holdings were irrigated and 9,563 nos. were unirrigated. The total area under these 12,849 nos. of holdings was 6,557 Ha. and applied 11,726 MT of manure in total. The area under HYV, HYB and other crops was 4,197 Ha., 287 Ha. and 2,073 Ha. respectively that received manure to the tune 7,595 MT, 297 MT and 3,833 MT whether the land was irrigated or unirrigated.

The details of size group-wise holdings and area treated with FYM/compost/biogas manure and quantity are shown in **Table 5A**.

- **Tables 5B, 5C and 5D** gives information about estimated area under all crops treated with oil cakes, other organic manures and pesticides by size groups, number of holdings using them and the crops - HYV, HYB or others for which it is used. It is observed that 1,288 nos. of holdings used oil cakes and 17,865 nos. of holdings treated crops with other organic manure. Farmers with 31,363 nos. of holdings having an area of 31,793 Ha. under HYV(11,518 Ha.), HYB (193 Ha.) and under other crops (20082 Ha.) also treated their crops with pesticides for protection from pests, of which 7,702 Ha. of land was irrigated and 24,091 Ha. of land was unirrigated.



Area under food crops and non-food crops accounted for 5,943 Ha. and 613 Ha. respectively and applied either FYM, compost or bio-gas manure to the tune of 10,340 MT and 1,386 MT respectively. The percentage of this manure for HYV, HYB and other crops was 73%, 3% and 24% under food crops with corresponding area estimated at 71%, 5% and 24%. Similarly, the percentage of FYM, compost or bio-gas manure for HYV, HYB and other crops for non-food crops was 0%, 0% & 100% for non-food crops whether irrigated or unirrigated for all size groups of holdings, as seen in **Table 5E**.

- **Tables 5F, 5G, 5H, 5LA, 5M, 5N, 5O, 5P, 5PA and 5PB** represent distribution of estimated area under food crops and non-food crops treated with oil cakes, other organic manure, pesticides, rhizobium, azetobactor, blue green algae, phosphate solubilizing bacteria (PSB), azospirillum and green manure respectively by size group of holdings, number of holdings in each category of HYV, HYB or other crops whether irrigated or not and the manure applied during the period of reference of survey.

It is observed that pesticides are used in most of the operational holdings. The area treated with pesticides under food crops for HYV, HYB and others was 11,458 Ha., 193 Ha. and 17,191 Ha. respectively. With regard to non-food crops, it accounted for 60 Ha., and 2,891 Ha. under HYV and others category except HYB where there was no usage. It is also observed that rhizobium, blue green algae,

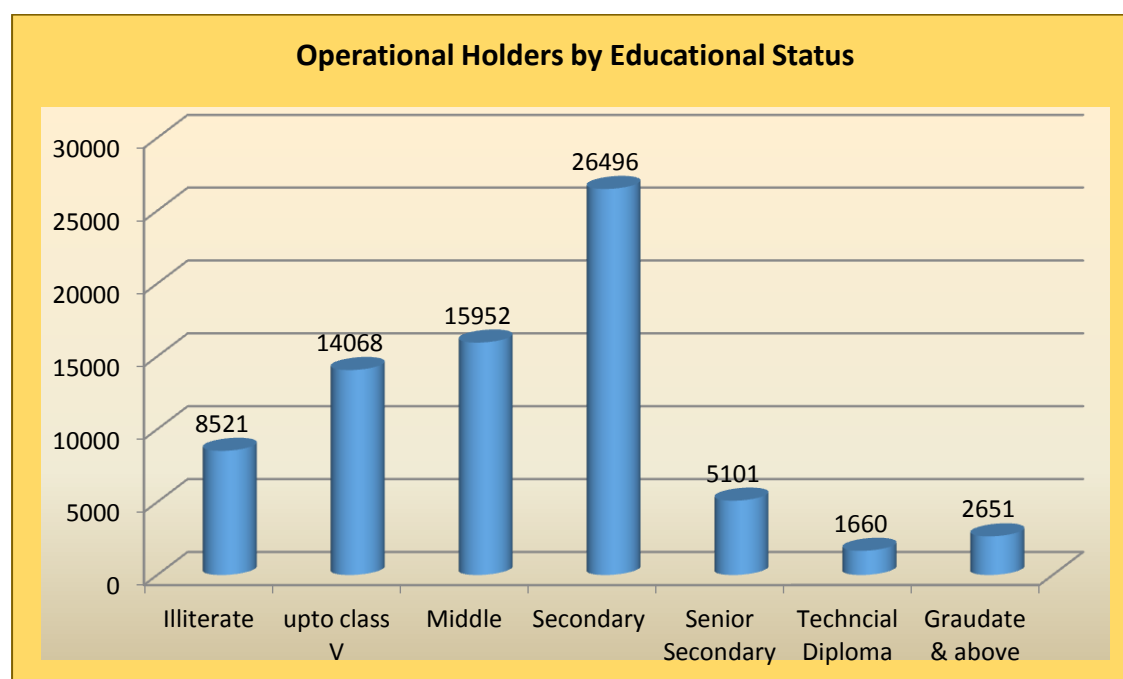
azetobactor, azospirillum and PSB were not used in even a single operational holding, however an area of 455 Ha. and 310 Ha. under food and non-food crops respectively was treated with green manure.

The information with regard to number of agricultural machinery used, credit obtained from institutions for agricultural purpose, use of certified/notified seeds by operational holders and method of soil tests and pest control and area covered under soil test by size groups of holdings can be seen in **Tables 7A to 9D**.

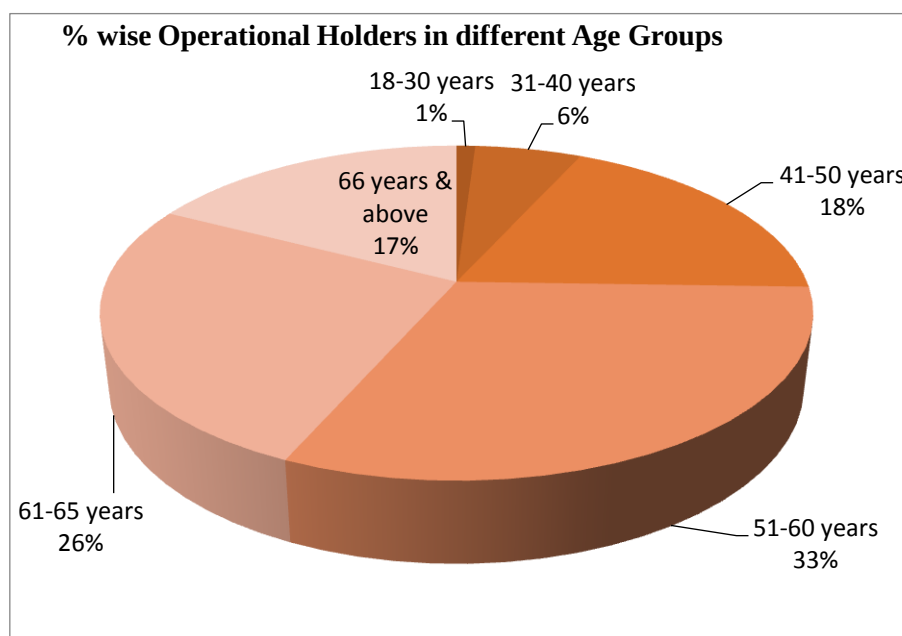
- It was evident during the survey, that farmers used a variety of agricultural implements/equipment owned by them whether hand operated, animal operated or power operated. The hand-hoe was reported as the highest hand operated implement (49,614 nos.) used by the operational holdings. The least hand operated implement was the hand operated sprayer/duster (944 nos.). Among the animal operated implements, the wooden plough was the most commonly used (3,505 nos.) and the least utilized was the 'others' at 925 nos. With regard to power operated implements, electric pump set was the highest at 16,862 nos. among the power operated implements and hedge trimmer was the lowest with 73 nos. Detail data is given in **Table 7A**.
- Hired agricultural implements/equipment were also used during the survey, whether hand operated, animal operated or power operated. The Hand operated sprayer/duster was reported as the highest hand operated implement (547 nos.) used by the operational holdings. The pedal operated thresher (110 nos.) which is not popular in the State was the least hand operated implement. Among the animal operated implements, the wooden plough was the most commonly used (1,022 nos.) and the least utilized was the animal drawn paddler at 151 nos. With regard to power operated implements, power tiller was the highest at 24,923 nos. among the rented power operated implements and power sprayer was the lowest with 113 nos. More details are given in **Table 7B**.
- The total number of operational holdings for which institutional credit was availed were reported at 17,347 nos. Primary Agricultural Credit Society (PACs) disbursed loan to 878 nos. of operational holders and Commercial Bank (CBB) disbursed loan to 16,866 nos. of operational holders. It is observed that no operational holder

availed loan from Primary Land Development Bank/Branch of SLDB and Regional Rural Bank (RRR). The short term, medium term and long term loan availed has been recorded at Rs.536 crore, Rs.167 crore and Rs.0.38 crore respectively. The total loan disbursed through Institutional Credit was Rs.703 crore. Out of the Short term loan of Rs.536 crore, Rs.14.94 crore were utilized towards fertilizers, Rs.210.82 crore on other inputs and Rs.310.11 crore were availed in cash. The details are portrayed in **Table 8**.

- **Tables 9A to 9D** depict data pertaining to the use of certified seeds, hybrid seeds, soil tests and pest control in land holdings. Out of 74,449 nos. of holdings, certified seeds were used in 32,904 nos. of holdings and hybrid seeds were used in 1,945 nos. of holdings. With regard to pest control, various methods of pest control were adopted in 54,501 nos. of holdings whereas 19,948 nos. of operational holders did not adopt any method of pest control or soil testing.
- The educational status of operational holders was also recorded during the Survey where 11% were listed as illiterate, 19% up-to Class V, 21% middle school, 36% secondary school, 7% senior secondary school, 2% technical diploma holders below degree level and 4% were graduate and above. (**Table 10**)



- **Tables 11** shows that the average age of operational holders was 57 years. Maximum number of operational holders (31%) were found in the age group of 51 to 60 years. The second highest were found in the age group of 61-65 years with 19,305 nos. of operational holders. The least number of holders (755 nos.) was found in the age group of 18-30 years



It can be observed from the above pie chart that over 75% of operational holders enumerated were above the age of 50 years. It is also seen that out of the around 7% of operational holders listed in the age group of 18-40 years, the holders in the age group of 18-30 years contributed just 1.01%, which shows that the youth were involved in activities other than agriculture during the course of the survey.

- **Table 12** represents average household size of operational holders consisting of 7 nos. of size classes of families. The average household size of the operational holders accounted for around 5 family members. The highest household size recorded in the group of 4-6 family members. The least household was recorded in the size class of 10-12 family members with 1,298 nos.

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 the 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	59412	24343	69783	794	397	70974	1.19	0.34	0.41
2	1.0 - 1.99	8074	13477	17351	0	0	17351	2.15	0.78	1.67
3	2.0 - 3.99	4305	14305	8579	45	45	8669	2.01	1.65	3.32
4	4.0 - 9.99	2087	13436	5066	38	0	5104	2.45	2.63	6.44
5	10 and Above	571	10518	1361	0	0	1361	2.38	7.73	18.42
All Groups		74449	76079	102140	877	442	103459	1.39	0.74	1.02
	2011-12	77895	86959	91524	1985	1186	94695	1.22	0.92	1.12
	Change (%)	-4.42	-12.51	11.60	-55.82	-62.73	9.25	13.93	-19.57	-8.93

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 Thrice or more				
			One Crop Irrigated	Both Crops Irrigated	One Crop Irrigated	Two Crops Irrigated	Three & More Crops Irrigated		
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	5810	1099	0	0	0	0	6909	6909
2	1.0 - 1.99	2934	471	0	0	0	0	3405	3405
3	2.0 - 3.99	2965	381	0	0	0	0	3346	3346
4	4.0 - 9.99	3177	0	0	0	0	0	3177	3177
5	10 and Above	5421	0	0	0	0	0	5421	5421
All Groups		20307	1951	0	0	0	0	22258	22258
	2011-12	34685	0	0	0	0	0	34685	34685
	Change (%)	-41.453	0.000	0.000	0.000	0.000	0.000	-35.828	-35.828

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 Area	Total Operated Area
		Cropped Once	Cropped more than once	Net Unirrigated Area	Gross Unirrigated Area			
1	2	3	4	5	6	7	8	9
1	Below 1.0	16710	514	17224	18837	210	0	24343
2	1.0 - 1.99	9693	125	9818	10414	96	158	13477
3	2.0 - 3.99	10295	142	10437	10960	155	367	14305
4	4.0 - 9.99	8972	157	9129	9286	498	632	13436
5	10 and Above	4228	0	4228	4228	688	181	10518
All Groups		49898	938	50836	53725	1647	1338	76079
	2011-12	49544	969	50513	51482	311	1452	86961
	Change (%)	0.715	-3.199	0.639	4.357	429.582	-7.851	-12.514

Table 3: 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			HYB			OTHERS			TOTAL		
			N	P	K	N	P	K	N	P	K	N	P	K
1	2		13	14	15	16	17	18	19	20	21	22	23	24
1	Below 1.0	I	184.79	5.05	106.65	0.00	0.00	20.70	185.28	46.01	314.71	370.07	51.06	442.06
		UI	812.02	726.81	77.14	19.53	21.91	0.00	236.33	195.34	38.83	1067.88	944.06	115.97
		T	996.81	731.86	183.79	19.53	21.91	20.70	421.61	241.35	353.54	1437.95	995.12	558.03
2	1.0 - 1.99	I	42.15	42.35	18.63	7.92	2.08	4.52	175.53	61.59	134.99	225.60	106.02	158.14
		UI	113.33	100.88	39.96	3.47	0.00	0.00	122.60	31.56	42.49	239.40	132.44	82.45
		T	155.48	143.23	58.59	11.39	2.08	4.52	298.13	93.15	177.48	465.00	238.46	240.59
3	2.0 - 3.99	I	11.51	7.61	6.40	3.45	0.52	1.36	34.06	21.72	28.18	49.02	29.85	35.94
		UI	44.10	51.36	25.21	0.42	0.00	0.00	98.97	27.40	16.70	143.49	78.76	41.91
		T	55.61	58.97	31.61	3.87	0.52	1.36	133.03	49.12	44.88	192.51	108.61	77.85
4	4.0 - 9.99	I	4.84	0.64	6.15	0.00	0.20	0.00	40.23	20.25	13.23	45.07	21.09	19.38
		UI	33.02	31.82	9.59	1.30	0.00	0.00	14.71	4.69	5.67	49.03	36.51	15.26
		T	37.86	32.46	15.74	1.30	0.20	0.00	54.94	24.94	18.90	94.10	57.60	34.64
5	10 and Above	I	8.34	2.84	8.48	0.00	0.00	0.00	33.46	33.94	29.36	41.80	36.78	37.84
		UI	0.00	0.00	0.00	0.00	0.00	0.00	19.33	48.21	0.00	19.33	48.21	0.00
		T	8.34	2.84	8.48	0.00	0.00	0.00	52.79	82.15	29.36	61.13	84.99	37.84
All Groups		I	251.63	58.49	146.31	11.37	2.80	26.58	468.56	183.51	520.47	731.56	244.80	693.36
		UI	1002.47	910.87	151.90	24.72	21.91	0.00	491.94	307.20	103.69	1519.13	1239.98	255.59
		T	1254.10	969.36	298.21	36.09	24.71	26.58	960.50	490.71	624.16	2250.69	1484.78	948.95

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

(Total Areas under column (7) may not tally with column (10) of Table 2A & column (6) of Table 2B due to rounding up of figures)

Table 3A : Estimated Area under all Crops treated with Fertilizers by Size Groups

Fertilizer: UREA
N : 46%
P : 0%
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 Fertilizers				Total Quantity of The Fertilizer applied (in M.T.)			
			Total No.	No. Treated With The Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	15341	2594	276	4039	6909	2560	0	1463	4023	401.70	0.00	365.51	767.21
		UI	46263	24228	7999	159	10679	18837	7181	159	2786	10126	1149.64	23.82	347.58	1521.04
		T	59015	33822	10593	435	14718	25746	9741	159	4249	14149	1551.34	23.82	713.09	2288.25
2	1.0 - 1.99	I	4369	2416	1030	106	2269	3405	828	72	1074	1974	55.59	15.45	330.37	401.41
		UI	7349	3597	3088	169	7157	10414	2800	8	1807	4615	164.30	7.54	240.17	412.01
		T	8074	4760	4118	275	9426	13819	3628	80	2881	6589	219.89	22.99	570.54	813.42
3	2.0 - 3.99	I	2637	693	460	178	2708	3346	373	68	549	990	18.65	7.14	33.49	59.28
		UI	4149	1507	2232	190	8538	10960	1662	14	1998	3674	54.85	0.91	192.39	248.15
		T	4305	1818	2692	368	11246	14306	2035	82	2547	4664	73.50	8.05	225.88	307.43
4	4.0 - 9.99	I	1345	502	545	46	2586	3177	484	0	625	1109	10.04	0.00	63.31	73.35
		UI	1917	622	1626	28	7632	9286	1501	28	489	2018	44.72	2.82	28.07	75.61
		T	2087	961	2171	74	10218	12463	1985	28	1114	3127	54.76	2.82	91.38	148.96
5	10 & Above	I	530	178	1368	0	4053	5421	1310	0	543	1853	15.72	0.00	44.61	60.33
		UI	414	21	0	0	4228	4228	0	0	41	41	0.00	0.00	1.03	1.03
		T	571	198	1368	0	8281	9649	1310	0	584	1894	15.72	0.00	45.64	61.36
All Groups		I	36767	19130	5997	606	15655	22258	5555	140	4254	9949	501.70	22.59	837.29	1361.58
		UI	60092	29975	14945	546	38234	53725	13144	209	7121	20474	1413.51	35.09	809.24	2257.84
		T	74052	41559	20942	1152	53889	75983	18699	349	11375	30423	1915.21	57.68	1646.53	3619.42

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : Estimated Area under all Crops treated with the Fertilizer by Size Groups

Fertilizer:

CALCIUM AMMONIUM NITRATE

N : 25%

P : 0%

K : 0%

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	46263	0	7999	159	10679	18837	0	0	0	0	0.00	0.00	0.00	0.00
		T	59015	0	10593	435	14718	25746	0	0	0	0	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7349	0	3088	169	7157	10414	0	0	0	0	0.00	0.00	0.00	0.00
		T	8074	0	4118	275	9426	13819	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	2637	45	460	178	2708	3346	0	0	54	54	0.00	0.00	45.34	45.34
		UI	4149	0	2232	190	8538	10960	0	0	0	0	0.00	0.00	0.00	0.00
		T	4305	45	2692	368	11246	14306	0	0	54	54	0.00	0.00	45.34	45.34
4	4.0 - 9.99	I	1345	31	545	46	2586	3177	0	0	94	94	0.00	0.00	12.53	12.53
		UI	1917	0	1626	28	7632	9286	0	0	0	0	0.00	0.00	0.00	0.00
		T	2087	31	2171	74	10218	12463	0	0	94	94	0.00	0.00	12.53	12.53
5	10 & Above	I	530	0	1368	0	4053	5421	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1368	0	8281	9649	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	36767	76	5997	606	15655	22258	0	0	148	148	0.00	0.00	57.87	57.87
		UI	60092	0	14945	546	38234	53725	0	0	0	0	0.00	0.00	0.00	0.00
		T	74052	76	20942	1152	53889	75983	0	0	148	148	0.00	0.00	57.87	57.87

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : Estimated Area under all Crops treated with the Fertilizer by Size Groups

Fertilizer: SINGLE SUPER PHOSPHATE
N : 0% **P :** 16% **K :** 0%

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	1087	2594	276	4039	6909	34	0	0	34	31.54	0.00	0.00	31.54
		UI	46263	3451	7999	159	10679	18837	897	0	0	897	34.51	0.00	0.00	34.51
		T	59015	4538	10593	435	14718	25746	931	0	0	931	66.05	0.00	0.00	66.05
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7349	136	3088	169	7157	10414	0	0	271	271	0.00	0.00	3.68	3.68
		T	8074	136	4118	275	9426	13819	0	0	271	271	0.00	0.00	3.68	3.68
3	2.0 - 3.99	I	2637	258	460	178	2708	3346	19	65	97	181	0.65	0.65	1.29	2.59
		UI	4149	65	2232	190	8538	10960	0	0	21	21	0.00	0.00	1.03	1.03
		T	4305	323	2692	368	11246	14306	19	65	118	202	0.65	0.65	2.32	3.62
4	4.0 - 9.99	I	1345	182	545	46	2586	3177	8	8	215	231	0.38	1.25	1.13	2.76
		UI	1917	76	1626	28	7632	9286	0	0	117	117	0.00	0.00	0.76	0.76
		T	2087	258	2171	74	10218	12463	8	8	332	348	0.38	1.25	1.89	3.52
5	10 & Above	I	530	73	1368	0	4053	5421	0	0	818	818	0.00	0.00	5.45	5.45
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	73	1368	0	8281	9649	0	0	818	818	0.00	0.00	5.45	5.45
All Groups		I	36767	1600	5997	606	15655	22258	61	73	1130	1264	32.57	1.90	7.87	42.34
		UI	60092	3728	14945	546	38234	53725	897	0	409	1306	34.51	0.00	5.47	39.98
		T	74052	5328	20942	1152	53889	75983	958	73	1539	2570	67.08	1.90	13.34	82.32

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : 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 the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of The Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	397	2594	276	4039	6909	0	0	12	12	0.00	0.00	4.76	4.76
		UI	46263	794	7999	159	10679	18837	238	0	0	238	29.77	0.00	0.00	29.77
		T	59015	1191	10593	435	14718	25746	238	0	12	250	29.77	0.00	4.76	34.53
2	1.0 - 1.99	I	4369	75	1030	106	2269	3405	0	0	8	8	0.00	0.00	3.02	3.02
		UI	7349	151	3088	169	7157	10414	106	0	0	106	18.77	0.00	0.00	18.77
		T	8074	151	4118	275	9426	13819	106	0	8	114	18.77	0.00	3.02	21.79
3	2.0 - 3.99	I	2637	136	460	178	2708	3346	0	0	24	24	0.00	0.00	6.08	6.08
		UI	4149	201	2232	190	8538	10960	54	0	21	75	6.80	0.00	1.03	7.83
		T	4305	246	2692	368	11246	14306	54	0	45	99	6.80	0.00	7.11	13.91
4	4.0 - 9.99	I	1345	38	545	46	2586	3177	0	0	102	102	0.00	0.00	1.89	1.89
		UI	1917	0	1626	28	7632	9286	0	0	0	0	0.00	0.00	0.00	0.00
		T	2087	38	2171	74	10218	12463	0	0	102	102	0.00	0.00	1.89	1.89
5	10 & Above	I	530	0	1368	0	4053	5421	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1368	0	8281	9649	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	36767	646	5997	606	15655	22258	0	0	146	146	0.00	0.00	15.75	15.75
		UI	60092	1146	14945	546	38234	53725	398	0	21	419	55.34	0.00	1.03	56.37
		T	74052	1626	20942	1152	53889	75983	398	0	167	565	55.34	0.00	16.78	72.12

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : Estimated Area under all Crops treated with the Fertilizer by Size Groups

Fertilizer : MURATE OF POTASH

N : 0% **P :** 0% **K :** 60%

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	12942	2594	276	4039	6909	1441	276	1608	3325	177.75	34.51	524.51	736.77
		UI	46263	5729	7999	159	10679	18837	811	0	231	1042	128.56	0.00	64.71	193.27
		T	59015	16496	10593	435	14718	25746	2252	276	1839	4367	306.31	34.51	589.22	930.04
2	1.0 - 1.99	I	4369	1680	1030	106	2269	3405	522	34	672	1228	31.05	7.54	224.99	263.58
		UI	7349	1558	3088	169	7157	10414	1749	0	390	2139	66.61	0.00	70.82	137.43
		T	8074	2890	4118	275	9426	13819	2271	34	1062	3367	97.66	7.54	295.81	401.01
3	2.0 - 3.99	I	2637	769	460	178	2708	3346	314	65	453	832	10.67	2.26	46.96	59.89
		UI	4149	724	2232	190	8538	10960	1176	0	573	1749	42.00	0.00	27.83	69.83
		T	4305	1383	2692	368	11246	14306	1490	65	1026	2581	52.67	2.26	74.79	129.72
4	4.0 - 9.99	I	1345	472	545	46	2586	3177	421	0	297	718	10.26	0.00	22.06	32.32
		UI	1917	176	1626	28	7632	9286	739	0	110	849	15.98	0.00	9.45	25.43
		T	2087	648	2171	74	10218	12463	1160	0	407	1567	26.24	0.00	31.51	57.75
5	10 & Above	I	530	313	1368	0	4053	5421	1330	0	1280	2610	14.13	0.00	48.94	63.07
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	313	1368	0	8281	9649	1330	0	1280	2610	14.13	0.00	48.94	63.07
All Groups		I	36767	16176	5997	606	15655	22258	4028	375	4310	8713	243.86	44.31	867.46	1155.63
		UI	60092	8187	14945	546	38234	53725	4475	0	1304	5779	253.15	0.00	172.81	425.96
		T	74052	21730	20942	1152	53889	75983	8503	375	5614	14492	497.01	44.31	1040.27	1581.59

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : Estimated Area under all Crops treated with the Fertilizer by Size Groups

Fertilizer : DI-AMMONIUM PHOSPHATE
K
N : 18% **P :** 46% **:** 0%

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	1985	2594	276	4039	6909	0	0	238	238	0.00	0.00	95.27	95.27
		UI	46263	7506	7999	159	10679	18837	2865	159	952	3976	1515.76	47.63	424.64	1988.03
		T	59015	9491	10593	435	14718	25746	2865	159	1190	4214	1515.76	47.63	519.91	2083.30
2	1.0 - 1.99	I	4369	1253	1030	106	2269	3405	507	15	632	1154	92.08	4.52	130.89	227.49
		UI	7349	984	3088	169	7157	10414	366	0	521	887	194.61	0.00	67.32	261.93
		T	8074	1874	4118	275	9426	13819	873	15	1153	2041	286.69	4.52	198.21	489.42
3	2.0 - 3.99	I	2637	337	460	178	2708	3346	109	3	142	254	16.32	0.91	40.69	57.92
		UI	4149	607	2232	190	8538	10960	693	0	688	1381	104.86	0.00	58.17	163.03
		T	4305	898	2692	368	11246	14306	802	3	830	1635	121.18	0.91	98.86	220.95
4	4.0 - 9.99	I	1345	157	545	46	2586	3177	5	0	165	170	1.25	0.00	40.09	41.34
		UI	1917	327	1626	28	7632	9286	448	0	203	651	69.17	0.00	9.93	79.10
		T	2087	452	2171	74	10218	12463	453	0	368	821	70.42	0.00	50.02	120.44
5	10 & Above	I	530	62	1368	0	4053	5421	20	0	237	257	6.18	0.00	71.89	78.07
		UI	414	52	0	0	4228	4228	0	0	1337	1337	0.00	0.00	104.80	104.80
		T	571	114	1368	0	8281	9649	20	0	1574	1594	6.18	0.00	176.69	182.87
All Groups		I	36767	3794	5997	606	15655	22258	641	18	1414	2073	115.83	5.43	378.83	500.09
		UI	60092	9476	14945	546	38234	53725	4372	159	3701	8232	1884.40	47.63	664.86	2596.89
		T	74052	12829	20942	1152	53889	75983	5013	177	5115	10305	2000.23	53.06	1043.69	3096.98

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 3A : Estimated Area under all Crops treated with the Fertilizer by Size Groups

Fertilizer : UREA AMMONIUM PHOSPHATE
N : 20% P : 20% K : 0%

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	46263	690	7999	159	10679	18837	69	0	0	69	51.76	0.00	0.00	51.76
		T	59015	690	10593	435	14718	25746	69	0	0	69	51.76	0.00	0.00	51.76
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7349	136	3088	169	7157	10414	14	0	0	14	13.64	0.00	0.00	13.64
		T	8074	136	4118	275	9426	13819	14	0	0	14	13.64	0.00	0.00	13.64
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4149	0	2232	190	8538	10960	0	0	0	0	0.00	0.00	0.00	0.00
		T	4305	0	2692	368	11246	14306	0	0	0	0	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	1345	38	545	46	2586	3177	0	0	19	19	0.00	0.00	3.78	3.78
		UI	1917	0	1626	28	7632	9286	0	0	0	0	0.00	0.00	0.00	0.00
		T	2087	38	2171	74	10218	12463	0	0	19	19	0.00	0.00	3.78	3.78
5	10 & Above	I	530	0	1368	0	4053	5421	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1368	0	8281	9649	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	36767	38	5997	606	15655	22258	0	0	19	19	0.00	0.00	3.78	3.78
		UI	60092	826	14945	546	38234	53725	83	0	0	83	65.40	0.00	0.00	65.40
		T	74052	864	20942	1152	53889	75983	83	0	19	102	65.40	0.00	3.78	69.18

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4 : Estimated Area under the Crops and usage of Chemical Fertilizers by Size Groups

Crop Id: 999
Crop TOTAL FOOD
Name: CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing the Crop		Area under the Crop				Area under the Crops treated with one or More Chemical Fertilizer			
			Total No.	No. Treated with One or More Chemical Fertilizers	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	21070	16325	2581	276	2599	5456	2561	276	1658	4495
		UI	44883	27093	8000	159	10183	18342	7654	159	2688	10501
		T	52596	36980	10581	435	12782	23798	10215	435	4346	14996
2	1.0 - 1.99	I	3959	3188	1030	105	1774	2909	1030	105	1454	2589
		UI	7213	4021	3090	169	6928	10187	3090	8	1806	4904
		T	7938	5396	4120	274	8702	13096	4120	113	3260	7493
3	2.0 - 3.99	I	2288	802	400	109	1933	2442	400	64	640	1104
		UI	4104	1836	2231	190	8193	10614	2059	14	2019	4092
		T	4305	2212	2631	299	10126	13056	2459	78	2659	5196
4	4.0 - 9.99	I	1087	577	518	38	1688	2244	484	0	598	1082
		UI	1880	735	1625	28	6896	8549	1625	28	698	2351
		T	2049	1188	2143	66	8584	10793	2109	28	1296	3433
5	10 & Above	I	530	272	1348	0	1969	3317	1310	0	1278	2588
		UI	414	73	0	0	4151	4151	0	0	1378	1378
		T	571	292	1348	0	6120	7468	1310	0	2656	3966
All Groups		I	28934	21164	5877	528	9963	16368	5785	445	5628	11858
		UI	58494	33758	14946	546	36351	51843	14428	209	8589	23226
		T	67459	46068	20823	1074	46314	68211	20213	654	14217	35084

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4 : Estimated Area under the Crops and usage of Chemical Fertilizers 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 Crops treated with one or More Chemical Fertilizer			
			Total No.	No. treated with One or More Chemical Fertilizers	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	9594	6230	14	0	1442	1456	14	0	1099	1113
		UI	4141	2070	0	0	497	497	0	0	248	248
		T	13735	8300	14	0	1939	1953	14	0	1347	1361
2	1.0 - 1.99	I	1573	952	0	0	496	496	0	0	351	351
		UI	682	136	0	0	228	228	0	0	10	10
		T	2255	1088	0	0	724	724	0	0	361	361
3	2.0 - 3.99	I	1428	879	60	68	774	902	60	68	395	523
		UI	485	129	0	0	344	344	0	0	77	77
		T	1913	1009	60	68	1118	1246	60	68	472	600
4	4.0 - 9.99	I	780	528	27	8	898	933	8	8	528	544
		UI	327	76	0	0	736	736	0	0	85	85
		T	1107	604	27	8	1634	1669	8	8	613	629
5	10 & Above	I	404	155	20	0	2085	2105	20	0	402	422
		UI	42	0	0	0	76	76	0	0	0	0
		T	446	155	20	0	2161	2181	20	0	402	422
All Groups		I	13779	8744	121	76	5695	5892	102	76	2775	2953
		UI	5677	2411	0	0	1881	1881	0	0	420	420
		T	19456	11156	121	76	7576	7773	102	76	3195	3373

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Urea
N : 46%
P : 0%
K : 0%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	14944	2581	276	2599	5456	2561	0	1382	3943	401.70	0.00	319.86	721.56
		UI	44883	24228	8000	159	10183	18342	7181	159	2619	9959	1149.64	23.82	309.62	1483.08
		T	52596	33425	10581	435	12782	23798	9742	159	4001	13902	1551.34	23.82	629.48	2204.64
2	1.0 - 1.99	I	3959	2416	1030	105	1774	2909	828	72	997	1897	55.59	15.45	312.28	383.32
		UI	7213	3597	3090	169	6928	10187	2800	8	1806	4614	164.30	7.54	240.19	412.03
		T	7938	4760	4120	274	8702	13096	3628	80	2803	6511	219.89	22.99	552.47	795.35
3	2.0 - 3.99	I	2288	628	400	109	1933	2442	335	64	539	938	12.70	6.45	31.80	50.95
		UI	4104	1507	2231	190	8193	10614	1662	14	1998	3674	54.85	0.91	192.39	248.15
		T	4305	1753	2631	299	10126	13056	1997	78	2537	4612	67.55	7.36	224.19	299.10
4	4.0 - 9.99	I	1087	502	518	38	1688	2244	484	0	458	942	10.04	0.00	59.40	69.44
		UI	1880	584	1625	28	6896	8549	1500	28	423	1951	44.72	2.82	26.64	74.18
		T	2049	961	2143	66	8584	10793	1984	28	881	2893	54.76	2.82	86.04	143.62
5	10 & Above	I	530	178	1348	0	1969	3317	1310	0	439	1749	15.72	0.00	41.99	57.71
		UI	414	21	0	0	4151	4151	0	0	41	41	0.00	0.00	1.03	1.03
		T	571	198	1348	0	6120	7468	1310	0	480	1790	15.72	0.00	43.02	58.74
All Groups		I	28934	18668	5877	528	9963	16368	5518	136	3815	9469	495.75	21.90	765.33	1282.98
		UI	58494	29937	14946	546	36351	51843	13143	209	6887	20239	1413.51	35.09	769.87	2218.47
		T	67459	41097	20823	1074	46314	68211	18661	345	10702	29708	1909.26	56.99	1535.20	3501.45

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Calcium Ammonium Nitrate
N : 25%
P : 0%
K : 0%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	0	2581	276	2599	5456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	44883	0	8000	159	10183	18342	0	0	0	0	0.00	0.00	0.00	0.00
		T	52596	0	10581	435	12782	23798	0	0	0	0	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	3959	0	1030	105	1774	2909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7213	0	3090	169	6928	10187	0	0	0	0	0.00	0.00	0.00	0.00
		T	7938	0	4120	274	8702	13096	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	2288	45	400	109	1933	2442	0	0	54	54	0.00	0.00	45.35	45.35
		UI	4104	0	2231	190	8193	10614	0	0	0	0	0.00	0.00	0.00	0.00
		T	4305	45	2631	299	10126	13056	0	0	54	54	0.00	0.00	45.35	45.35
4	4.0 - 9.99	I	1087	31	518	38	1688	2244	0	0	94	94	0.00	0.00	12.52	12.52
		UI	1880	0	1625	28	6896	8549	0	0	0	0	0.00	0.00	0.00	0.00
		T	2049	31	2143	66	8584	10793	0	0	94	94	0.00	0.00	12.52	12.52
5	10 & Above	I	530	0	1348	0	1969	3317	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1348	0	6120	7468	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	28934	76	5877	528	9963	16368	0	0	148	148	0.00	0.00	57.87	57.87
		UI	58494	0	14946	546	36351	51843	0	0	0	0	0.00	0.00	0.00	0.00
		T	67459	76	20823	1074	46314	68211	0	0	148	148	0.00	0.00	57.87	57.87

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Single Super Phosphate
 N : 0%
 P : 16%
 K : 0%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	397	2581	276	2599	5456	20	0	0	20	14.29	0.00	0.00	14.29
		UI	44883	3451	8000	159	10183	18342	897	0	0	897	34.51	0.00	0.00	34.51
		T	52596	3848	10581	435	12782	23798	917	0	0	917	48.80	0.00	0.00	48.80
2	1.0 - 1.99	I	3959	0	1030	105	1774	2909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7213	136	3090	169	6928	10187	0	0	271	271	0.00	0.00	3.68	3.68
		T	7938	136	4120	274	8702	13096	0	0	271	271	0.00	0.00	3.68	3.68
3	2.0 - 3.99	I	2288	65	400	109	1933	2442	0	0	65	65	0.00	0.00	0.65	0.65
		UI	4104	65	2231	190	8193	10614	0	0	21	21	0.00	0.00	1.03	1.03
		T	4305	129	2631	299	10126	13056	0	0	86	86	0.00	0.00	1.68	1.68
4	4.0 - 9.99	I	1087	76	518	38	1688	2244	0	0	140	140	0.00	0.00	0.76	0.76
		UI	1880	76	1625	28	6896	8549	0	0	117	117	0.00	0.00	0.76	0.76
		T	2049	151	2143	66	8584	10793	0	0	257	257	0.00	0.00	1.52	1.52
5	10 & Above	I	530	73	1348	0	1969	3317	0	0	818	818	0.00	0.00	5.45	5.45
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	73	1348	0	6120	7468	0	0	818	818	0.00	0.00	5.45	5.45
All Groups		I	28934	611	5877	528	9963	16368	20	0	1023	1043	14.29	0.00	6.86	21.15
		UI	58494	3728	14946	546	36351	51843	897	0	409	1306	34.51	0.00	5.47	39.98
		T	67459	4337	20823	1074	46314	68211	917	0	1432	2349	48.80	0.00	12.33	61.13

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Triple Super Phosphate
N : 0%
P : 46%
K : 0%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (HA)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. Treated With The Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	0	2581	276	2599	5456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	44883	794	8000	159	10183	18342	238	0	0	238	29.77	0.00	0.00	29.77
		T	52596	794	10581	435	12782	23798	238	0	0	238	29.77	0.00	0.00	29.77
2	1.0 - 1.99	I	3959	0	1030	105	1774	2909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7213	151	3090	169	6928	10187	106	0	0	106	18.77	0.00	0.00	18.77
		T	7938	151	4120	274	8702	13096	106	0	0	106	18.77	0.00	0.00	18.77
3	2.0 - 3.99	I	2288	0	400	109	1933	2442	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4104	201	2231	190	8193	10614	54	0	21	75	6.80	0.00	1.03	7.83
		T	4305	201	2631	299	10126	13056	54	0	21	75	6.80	0.00	1.03	7.83
4	4.0 - 9.99	I	1087	38	518	38	1688	2244	0	0	102	102	0.00	0.00	1.89	1.89
		UI	1880	0	1625	28	6896	8549	0	0	0	0	0.00	0.00	0.00	0.00
		T	2049	38	2143	66	8584	10793	0	0	102	102	0.00	0.00	1.89	1.89
5	10 & Above	I	530	0	1348	0	1969	3317	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1348	0	6120	7468	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	28934	38	5877	528	9963	16368	0	0	102	102	0.00	0.00	1.89	1.89
		UI	58494	1146	14946	546	36351	51843	398	0	21	419	55.34	0.00	1.03	56.37
		T	67459	1184	20823	1074	46314	68211	398	0	123	521	55.34	0.00	2.92	58.26

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Murate of Potash
N : 0%
P : 0%
K : 60%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	8196	2581	276	2599	5456	1442	276	552	2270	177.75	34.51	89.72	301.98
		UI	44883	4349	8000	159	10183	18342	811	0	148	959	128.56	0.00	33.65	162.21
		T	52596	10371	10581	435	12782	23798	2253	276	700	3229	306.31	34.51	123.37	464.19
2	1.0 - 1.99	I	3959	1332	1030	105	1774	2909	523	34	398	955	31.05	7.54	48.46	87.05
		UI	7213	1558	3090	169	6928	10187	1749	0	380	2129	66.61	0.00	67.41	134.02
		T	7938	2542	4120	274	8702	13096	2272	34	778	3084	97.66	7.54	115.87	221.07
3	2.0 - 3.99	I	2288	265	400	109	1933	2442	292	64	99	455	8.41	2.27	12.46	23.14
		UI	4104	595	2231	190	8193	10614	1176	0	496	1672	42.00	0.00	22.67	64.67
		T	4305	750	2631	299	10126	13056	1468	64	595	2127	50.41	2.27	35.13	87.81
4	4.0 - 9.99	I	1087	182	518	38	1688	2244	421	0	11	432	10.26	0.00	1.13	11.39
		UI	1880	139	1625	28	6896	8549	739	0	90	829	15.98	0.00	3.78	19.76
		T	2049	321	2143	66	8584	10793	1160	0	101	1261	26.24	0.00	4.91	31.15
5	10 & Above	I	530	231	1348	0	1969	3317	1310	0	880	2190	13.10	0.00	37.01	50.11
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	231	1348	0	6120	7468	1310	0	880	2190	13.10	0.00	37.01	50.11
All Groups		I	28934	10206	5877	528	9963	16368	3988	374	1940	6302	240.57	44.32	188.78	473.67
		UI	58494	6641	14946	546	36351	51843	4475	0	1114	5589	253.15	0.00	127.51	380.66
		T	67459	14215	20823	1074	46314	68211	8463	374	3054	11891	493.72	44.32	316.29	854.33

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Di-Ammonium Phosphate
N : 18%
P : 46%
K : 0%

Crop: TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	1985	2581	276	2599	5456	0	0	195	195	0.00	0.00	87.33	87.33
		UI	44883	7506	8000	159	10183	18342	2865	159	786	3810	1515.76	47.63	196.89	1760.28
		T	52596	9491	10581	435	12782	23798	2865	159	981	4005	1515.76	47.63	284.22	1847.61
2	1.0 - 1.99	I	3959	1253	1030	105	1774	2909	507	15	605	1127	92.08	4.52	129.00	225.60
		UI	7213	984	3090	169	6928	10187	366	0	521	887	194.61	0.00	67.32	261.93
		T	7938	1874	4120	274	8702	13096	873	15	1126	2014	286.69	4.52	196.32	487.53
3	2.0 - 3.99	I	2288	272	400	109	1933	2442	108	0	106	214	16.32	0.00	30.10	46.42
		UI	4104	607	2231	190	8193	10614	693	0	688	1381	104.86	0.00	58.17	163.03
		T	4305	833	2631	299	10126	13056	801	0	794	1595	121.18	0.00	88.27	209.45
4	4.0 - 9.99	I	1087	125	518	38	1688	2244	5	0	155	160	1.25	0.00	39.14	40.39
		UI	1880	290	1625	28	6896	8549	448	0	137	585	69.17	0.00	6.61	75.78
		T	2049	384	2143	66	8584	10793	453	0	292	745	70.42	0.00	45.75	116.17
5	10 & Above	I	530	21	1348	0	1969	3317	0	0	229	229	0.00	0.00	68.80	68.80
		UI	414	52	0	0	4151	4151	0	0	1337	1337	0.00	0.00	104.80	104.80
		T	571	73	1348	0	6120	7468	0	0	1566	1566	0.00	0.00	173.60	173.60
All Groups		I	28934	3656	5877	528	9963	16368	620	15	1290	1925	109.65	4.52	354.37	468.54
		UI	58494	9439	14946	546	36351	51843	4372	159	3469	8000	1884.40	47.63	433.79	2365.82
		T	67459	12655	20823	1074	46314	68211	4992	174	4759	9925	1994.05	52.15	788.16	2834.36

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Urea Ammonium
Phosphate
N : 20%
P : 20%
K : 0%

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (HA)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of The Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	0	2581	276	2599	5456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	44883	690	8000	159	10183	18342	69	0	0	69	51.76	0.00	0.00	51.76
		T	52596	690	10581	435	12782	23798	69	0	0	69	51.76	0.00	0.00	51.76
2	1.0 - 1.99	I	3959	0	1030	105	1774	2909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7213	136	3090	169	6928	10187	14	0	0	14	13.64	0.00	0.00	13.64
		T	7938	136	4120	274	8702	13096	14	0	0	14	13.64	0.00	0.00	13.64
3	2.0 - 3.99	I	2288	0	400	109	1933	2442	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4104	0	2231	190	8193	10614	0	0	0	0	0.00	0.00	0.00	0.00
		T	4305	0	2631	299	10126	13056	0	0	0	0	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	1087	38	518	38	1688	2244	0	0	19	19	0.00	0.00	3.78	3.78
		UI	1880	0	1625	28	6896	8549	0	0	0	0	0.00	0.00	0.00	0.00
		T	2049	38	2143	66	8584	10793	0	0	19	19	0.00	0.00	3.78	3.78
5	10 & Above	I	530	0	1348	0	1969	3317	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1348	0	6120	7468	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	28934	38	5877	528	9963	16368	0	0	19	19	0.00	0.00	3.78	3.78
		UI	58494	826	14946	546	36351	51843	83	0	0	83	65.40	0.00	0.00	65.40
		T	67459	864	20823	1074	46314	68211	83	0	19	102	65.40	0.00	3.78	69.18

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Urea
N : 46%
P : 0%
K : 0%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	H YB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	1191	14	0	1442	1456	0	0	83	83	0.00	0.00	45.65	45.65
		UI	4141	690	0	0	497	497	0	0	166	166	0.00	0.00	37.96	37.96
		T	13735	1881	14	0	1939	1953	0	0	249	249	0.00	0.00	83.61	83.61
2	1.0 - 1.99	I	1573	377	0	0	496	496	0	0	76	76	0.00	0.00	18.09	18.09
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	377	0	0	724	724	0	0	76	76	0.00	0.00	18.09	18.09
3	2.0 - 3.99	I	1428	246	60	68	774	902	37	3	10	50	5.95	0.68	1.68	8.31
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	246	60	68	1118	1246	37	3	10	50	5.95	0.68	1.68	8.31
4	4.0 - 9.99	I	780	94	27	8	898	933	0	0	167	167	0.00	0.00	3.92	3.92
		UI	327	38	0	0	736	736	0	0	66	66	0.00	0.00	1.44	1.44
		T	1107	132	27	8	1634	1669	0	0	233	233	0.00	0.00	5.36	5.36
5	10 & Above	I	404	52	20	0	2085	2105	0	0	105	105	0.00	0.00	2.62	2.62
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	52	20	0	2161	2181	0	0	105	105	0.00	0.00	2.62	2.62
All Groups		I	13779	1960	121	76	5695	5892	37	3	441	481	5.95	0.68	71.96	78.59
		UI	5677	728	0	0	1881	1881	0	0	232	232	0.00	0.00	39.40	39.40
		T	19456	2688	121	76	7576	7773	37	3	673	713	5.95	0.68	111.36	117.99

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Calcium Ammonium Nitrate
N : 25% **P :** 0% **K :** 0%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2															
1	Below 1.0	I	9594	0	14	0	1442	1456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	0	14	0	1939	1953	0	0	0	0	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	1573	0	0	0	496	496	0	0	0	0	0.00	0.00	0.00	0.00
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	0	0	0	724	724	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	1428	0	60	68	774	902	0	0	0	0	0.00	0.00	0.00	0.00
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	0	60	68	1118	1246	0	0	0	0	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	780	0	27	8	898	933	0	0	0	0	0.00	0.00	0.00	0.00
		UI	327	0	0	0	736	736	0	0	0	0	0.00	0.00	0.00	0.00
		T	1107	0	27	8	1634	1669	0	0	0	0	0.00	0.00	0.00	0.00
5	10 & Above	I	404	0	20	0	2085	2105	0	0	0	0	0.00	0.00	0.00	0.00
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	0	20	0	2161	2181	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	13779	0	121	76	5695	5892	0	0	0	0	0.00	0.00	0.00	0.00
		UI	5677	0	0	0	1881	1881	0	0	0	0	0.00	0.00	0.00	0.00
		T	19456	0	121	76	7576	7773	0	0	0	0	0.00	0.00	0.00	0.00

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Single Super Phosphate
N : 0% **P :** 16% **K :** 0%

Sl. No.	Size Groups (HA)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	690	14	0	1442	1456	14	0	0	14	17.25	0.00	0.00	17.25
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	690	14	0	1939	1953	14	0	0	14	17.25	0.00	0.00	17.25
2	1.0 - 1.99	I	1573	0	0	0	496	496	0	0	0	0	0.00	0.00	0.00	0.00
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	0	0	0	724	724	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	1428	194	60	68	774	902	19	65	32	116	0.65	0.65	0.65	1.95
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	194	60	68	1118	1246	19	65	32	116	0.65	0.65	0.65	1.95
4	4.0 - 9.99	I	780	107	27	8	898	933	8	8	76	92	0.38	1.25	0.38	2.01
		UI	327	0	0	0	736	736	0	0	0	0	0.00	0.00	0.00	0.00
		T	1107	107	27	8	1634	1669	8	8	76	92	0.38	1.25	0.38	2.01
5	10 & Above	I	404	0	20	0	2085	2105	0	0	0	0	0.00	0.00	0.00	0.00
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	0	20	0	2161	2181	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	13779	991	121	76	5695	5892	41	73	108	222	18.28	1.90	1.03	21.21
		UI	5677	0	0	0	1881	1881	0	0	0	0	0.00	0.00	0.00	0.00
		T	19456	991	121	76	7576	7773	41	73	108	222	18.28	1.90	1.03	21.21

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer: Triple Super Phosphate
N : 0% **P :** 46% **K :** 0%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	397	14	0	1442	1456	0	0	12	12	0.00	0.00	4.76	4.76
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	397	14	0	1939	1953	0	0	12	12	0.00	0.00	4.76	4.76
2	1.0 - 1.99	I	1573	75	0	0	496	496	0	0	8	8	0.00	0.00	3.02	3.02
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	75	0	0	724	724	0	0	8	8	0.00	0.00	3.02	3.02
3	2.0 - 3.99	I	1428	136	60	68	774	902	0	0	24	24	0.00	0.00	6.08	6.08
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	136	60	68	1118	1246	0	0	24	24	0.00	0.00	6.08	6.08
4	4.0 - 9.99	I	780	0	27	8	898	933	0	0	0	0	0.00	0.00	0.00	0.00
		UI	327	0	0	0	736	736	0	0	0	0	0.00	0.00	0.00	0.00
		T	1107	0	27	8	1634	1669	0	0	0	0	0.00	0.00	0.00	0.00
5	10 & Above	I	404	0	20	0	2085	2105	0	0	0	0	0.00	0.00	0.00	0.00
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	0	20	0	2161	2181	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	13779	608	121	76	5695	5892	0	0	44	44	0.00	0.00	13.86	13.86
		UI	5677	0	0	0	1881	1881	0	0	0	0	0.00	0.00	0.00	0.00
		T	19456	608	121	76	7576	7773	0	0	44	44	0.00	0.00	13.86	13.86

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer: Murate of Potash
 N : 0%
 P : 0%
 K : 60%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings Growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	4746	14	0	1442	1456	0	0	1056	1056	0.00	0.00	434.79	434.79
		UI	4141	1380	0	0	497	497	0	0	83	83	0.00	0.00	31.06	31.06
		T	13735	6126	14	0	1939	1953	0	0	1139	1139	0.00	0.00	465.85	465.85
2	1.0 - 1.99	I	1573	575	0	0	496	496	0	0	275	275	0.00	0.00	176.52	176.52
		UI	682	136	0	0	228	228	0	0	10	10	0.00	0.00	3.41	3.41
		T	2255	711	0	0	724	724	0	0	285	285	0.00	0.00	179.93	179.93
3	2.0 - 3.99	I	1428	504	60	68	774	902	23	0	353	376	2.27	0.00	34.49	36.76
		UI	485	129	0	0	344	344	0	0	77	77	0.00	0.00	5.16	5.16
		T	1913	633	60	68	1118	1246	23	0	430	453	2.27	0.00	39.65	41.92
4	4.0 - 9.99	I	780	327	27	8	898	933	0	0	286	286	0.00	0.00	20.93	20.93
		UI	327	38	0	0	736	736	0	0	19	19	0.00	0.00	5.67	5.67
		T	1107	365	27	8	1634	1669	0	0	305	305	0.00	0.00	26.60	26.60
5	10 & Above	I	404	155	20	0	2085	2105	20	0	402	422	1.03	0.00	11.94	12.97
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	155	20	0	2161	2181	20	0	402	422	1.03	0.00	11.94	12.97
All Groups		I	13779	6307	121	76	5695	5892	43	0	2372	2415	3.30	0.00	678.67	681.97
		UI	5677	1683	0	0	1881	1881	0	0	189	189	0.00	0.00	45.30	45.30
		T	19456	7990	121	76	7576	7773	43	0	2561	2604	3.30	0.00	723.97	727.27

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer: Di-Ammonium Phosphate

N : 18% **P :** 46% **K :** 0%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2															
1	Below 1.0	I	9594	794	14	0	1442	1456	0	0	44	44	0.00	0.00	7.94	7.94
		UI	4141	690	0	0	497	497	0	0	166	166	0.00	0.00	227.75	227.75
		T	13735	1484	14	0	1939	1953	0	0	210	210	0.00	0.00	235.69	235.69
2	1.0 - 1.99	I	1573	151	0	0	496	496	0	0	27	27	0.00	0.00	1.88	1.88
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	151	0	0	724	724	0	0	27	27	0.00	0.00	1.88	1.88
3	2.0 - 3.99	I	1428	156	60	68	774	902	0	3	35	38	0.00	0.91	10.59	11.50
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	156	60	68	1118	1246	0	3	35	38	0.00	0.91	10.59	11.50
4	4.0 - 9.99	I	780	63	27	8	898	933	0	0	10	10	0.00	0.00	0.94	0.94
		UI	327	38	0	0	736	736	0	0	66	66	0.00	0.00	3.32	3.32
		T	1107	101	27	8	1634	1669	0	0	76	76	0.00	0.00	4.26	4.26
5	10 & Above	I	404	41	20	0	2085	2105	20	0	8	28	6.18	0.00	3.09	9.27
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	41	20	0	2161	2181	20	0	8	28	6.18	0.00	3.09	9.27
All Groups		I	13779	1205	121	76	5695	5892	20	3	124	147	6.18	0.91	24.44	31.53
		UI	5677	728	0	0	1881	1881	0	0	232	232	0.00	0.00	231.07	231.07
		T	19456	1933	121	76	7576	7773	20	3	356	379	6.18	0.91	255.51	262.60

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 4A : Estimated Area under the Crops treated with the Fertilizer by Size Groups

Fertilizer : Urea Ammonium Phosphate
N : 20%
P : 20%
K : 0%

Crop : TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing One or More Crops		Area under the Crop				Area under the Crops treated with the Fertilizer				Total Quantity of the Fertilizer applied (in M.T.)			
			Total No.	No. treated with the Fertilizer	HYV	HY B	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	0	14	0	1442	1456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	0	14	0	1939	1953	0	0	0	0	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	1573	0	0	0	496	496	0	0	0	0	0.00	0.00	0.00	0.00
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	0	0	0	724	724	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	1428	0	60	68	774	902	0	0	0	0	0.00	0.00	0.00	0.00
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	0	60	68	1118	1246	0	0	0	0	0.00	0.00	0.00	0.00
4	4.0 - 9.99	I	780	0	27	8	898	933	0	0	0	0	0.00	0.00	0.00	0.00
		UI	327	0	0	0	736	736	0	0	0	0	0.00	0.00	0.00	0.00
		T	1107	0	27	8	1634	1669	0	0	0	0	0.00	0.00	0.00	0.00
5	10 & Above	I	404	0	20	0	2085	2105	0	0	0	0	0.00	0.00	0.00	0.00
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	0	20	0	2161	2181	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	13779	0	121	76	5695	5892	0	0	0	0	0.00	0.00	0.00	0.00
		UI	5677	0	0	0	1881	1881	0	0	0	0	0.00	0.00	0.00	0.00
		T	19456	0	121	76	7576	7773	0	0	0	0	0.00	0.00	0.00	0.00

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

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 FYM/COMPOST/BIOGAS Manure applied (in M.T)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	3469	2594	276	4039	6909	556	0	283	839	803.82	0.00	1483.88	2287.70
		UI	46263	8801	7999	159	10679	18837	2279	0	198	2477	5810.12	0.00	26.99	5837.11
		T	59015	11078	10593	435	14718	25746	2835	0	481	3316	6613.94	0.00	1510.87	8124.81
2	1.0 - 1.99	I	4369	528	1030	106	2269	3405	347	0	181	528	203.55	0.00	315.51	519.06
		UI	7349	452	3088	169	7157	10414	481	72	0	553	435.08	96.50	0.00	531.58
		T	8074	829	4118	275	9426	13819	828	72	181	1081	638.63	96.50	315.51	1050.64
3	2.0 - 3.99	I	2637	511	460	178	2708	3346	118	45	582	745	61.21	61.21	912.45	1034.87
		UI	4149	272	2232	190	8538	10960	416	170	0	586	281.29	139.56	0.00	420.85
		T	4305	693	2692	368	11246	14306	534	215	582	1331	342.50	200.77	912.45	1455.72
4	4.0 - 9.99	I	1345	139	545	46	2586	3177	0	0	221	221	0.00	0.00	409.66	409.66
		UI	1917	38	1626	28	7632	9286	0	0	151	151	0.00	0.00	102.01	102.01
		T	2087	176	2171	74	10218	12463	0	0	372	372	0.00	0.00	511.67	511.67
5	10 and Above	I	530	73	1368	0	4053	5421	0	0	457	457	0.00	0.00	583.25	583.25
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	73	1368	0	8281	9649	0	0	457	457	0.00	0.00	583.25	583.25
All Groups		I	36767	4720	5997	606	15655	22258	1021	45	1724	2790	1068.58	61.21	3704.75	4834.54
		UI	60092	9563	14945	546	38234	53725	3176	242	349	3767	6526.49	236.06	129.00	6891.55
		T	74052	12849	20942	1152	53889	75983	4197	287	2073	6557	7595.07	297.27	3833.75	11726.09

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5B : Estimated Area under all Crops treated with OIL CAKES 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 Oil Cakes Manure applied (in M.T)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	46263	1087	7999	159	10679	18837	0	0	509	509	0.00	0.00	296.81	296.81
		T	59015	1087	10593	435	14718	25746	0	0	509	509	0.00	0.00	296.81	296.81
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7349	0	3088	169	7157	10414	0	0	0	0	0.00	0.00	0.00	0.00
		T	8074	0	4118	275	9426	13819	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	2637	91	460	178	2708	3346	23	0	23	46	11.34	0.00	11.34	22.68
		UI	4149	110	2232	190	8538	10960	0	0	183	183	0.00	0.00	190.43	190.43
		T	4305	201	2692	368	11246	14306	23	0	206	229	11.34	0.00	201.77	213.11
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0	0.00	0.00	0.00	0.00
		UI	1917	0	1626	28	7632	9286	0	0	0	0	0.00	0.00	0.00	0.00
		T	2087	0	2171	74	10218	12463	0	0	0	0	0.00	0.00	0.00	0.00
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4228	4228	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1368	0	8281	9649	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	36767	91	5997	606	15655	22258	23	0	23	46	11.34	0.00	11.34	22.68
		UI	60092	1197	14945	546	38234	53725	0	0	692	692	0.00	0.00	487.24	487.24
		T	74052	1288	20942	1152	53889	75983	23	0	715	738	11.34	0.00	498.58	509.92

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5C : Estimated Area under all Crops treated with OTHER ORG. MANURES 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 Other Org. Manures applied (in M.T)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	27886	7610	2594	276	4039	6909	377	0	1274	1651	84.95	0.00	843.23	928.18
		UI	46263	4831	7999	159	10679	18837	166	0	2816	2982	193.93	0.00	238.11	432.04
		T	59015	12441	10593	435	14718	25746	543	0	4090	4633	278.88	0.00	1081.34	1360.22
2	1.0 - 1.99	I	4369	1530	1030	106	2269	3405	75	0	618	693	27.22	0.00	437.73	464.95
		UI	7349	1030	3088	169	7157	10414	93	0	1239	1332	18.28	0.00	131.46	149.74
		T	8074	2212	4118	275	9426	13819	168	0	1857	2025	45.50	0.00	569.19	614.69
3	2.0 - 3.99	I	2637	1376	460	178	2708	3346	63	0	1242	1305	25.48	0.00	769.94	795.42
		UI	4149	607	2232	190	8538	10960	156	6	1104	1266	11.55	1.10	182.40	195.05
		T	4305	1828	2692	368	11246	14306	219	6	2346	2571	37.03	1.10	952.34	990.47
4	4.0 - 9.99	I	1345	774	545	46	2586	3177	19	38	1201	1258	2.30	5.48	390.07	397.85
		UI	1917	258	1626	28	7632	9286	42	0	1035	1077	21.12	0.00	46.62	67.74
		T	2087	1032	2171	74	10218	12463	61	38	2236	2335	23.42	5.48	436.69	465.59
5	10 and Above	I	530	352	1368	0	4053	5421	824	0	1856	2680	27.49	0.00	479.44	506.93
		UI	414	21	0	0	4228	4228	0	0	31	31	0.00	0.00	13.23	13.23
		T	571	352	1368	0	8281	9649	824	0	1887	2711	27.49	0.00	492.67	520.16
All Groups		I	36767	11642	5997	606	15655	22258	1358	38	6191	7587	167.44	5.48	2920.41	3093.33
		UI	60092	6747	14945	546	38234	53725	457	6	6225	6688	244.88	1.10	611.82	857.80
		T	74052	17865	20942	1152	53889	75983	1815	44	12416	14275	412.32	6.58	3532.23	3951.13

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5D : Estimated Area under all crops treated with Chemical 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 Chemical Pesticides			
			Total No	No. Treated With The Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12
1	2											
1	Below 1.0	I	27886	4556	2594	276	4039	6909	1536	0	285	1821
		UI	46263	22726	7999	159	10679	18837	4485	159	6369	11013
		T	59015	25798	10593	435	14718	25746	6021	159	6654	12834
2	1.0 - 1.99	I	4369	1300	1030	106	2269	3405	442	34	692	1168
		UI	7349	2466	3088	169	7157	10414	735	0	3286	4021
		T	8074	3069	4118	275	9426	13819	1177	34	3978	5189
3	2.0 - 3.99	I	2637	666	460	178	2708	3346	260	0	517	777
		UI	4149	1163	2232	190	8538	10960	1056	0	2946	4002
		T	4305	1539	2692	368	11246	14306	1316	0	3463	4779
4	4.0 - 9.99	I	1345	226	545	46	2586	3177	320	0	577	897
		UI	1917	622	1626	28	7632	9286	1374	0	3419	4793
		T	2087	747	2171	74	10218	12463	1694	0	3996	5690
5	10 and Above	I	530	210	1368	0	4053	5421	1310	0	1729	3039
		UI	414	52	0	0	4228	4228	0	0	262	262
		T	571	210	1368	0	8281	9649	1310	0	1991	3301
All Groups		I	36767	6958	5997	606	15655	22258	3868	34	3800	7702
		UI	60092	27029	14945	546	38234	53725	7650	159	16282	24091
		T	74052	31363	20942	1152	53889	75983	11518	193	20082	31793

Note: I -Irrigated , UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5DA : Estimated Area under all Crops treated with Bio-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 Bio-Pesticides			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated, UI-Unirrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5E : Estimated Area under all Crops treated with FYM/COMPOST/BIOGAS by Size Groups

Crop: TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing the Crop		Area under the Crop				Area under the Crops treated with the Manure				Total Quantity of the Manure applied (in M.T.)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	2382	2581	276	2599	5456	556	0	202	758	803.82	0.00	541.44	1345.26
		UI	44883	8801	8000	159	10183	18342	2279	0	198	2477	5810.12	0.00	26.99	5837.11
		T	52596	9991	10581	435	12782	23798	2835	0	400	3235	6613.94	0.00	568.43	7182.37
2	1.0 - 1.99	I	3959	452	1030	105	1774	2909	347	0	173	520	203.55	0.00	305.33	508.88
		UI	7213	452	3090	169	6928	10187	481	72	0	553	435.08	96.50	0.00	531.58
		T	7938	829	4120	274	8702	13096	828	72	173	1073	638.63	96.50	305.33	1040.46
3	2.0 - 3.99	I	2288	421	400	109	1933	2442	118	45	419	582	61.21	61.21	827.15	949.57
		UI	4104	272	2231	190	8193	10614	416	170	0	586	281.29	139.56	0.00	420.85
		T	4305	693	2631	299	10126	13056	534	215	419	1168	342.50	200.77	827.15	1370.42
4	4.0 - 9.99	I	1087	101	518	38	1688	2244	0	0	186	186	0.00	0.00	358.66	358.66
		UI	1880	0	1625	28	6896	8549	0	0	0	0	0.00	0.00	0.00	0.00
		T	2049	101	2143	66	8584	10793	0	0	186	186	0.00	0.00	358.66	358.66
5	10 & Above	I	530	73	1348	0	1969	3317	0	0	281	281	0.00	0.00	388.58	388.58
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	73	1348	0	6120	7468	0	0	281	281	0.00	0.00	388.58	388.58
All Groups		I	28934	3429	5877	528	9963	16368	1021	45	1261	2327	1068.58	61.21	2421.16	3550.95
		UI	58494	9525	14946	546	36351	51843	3176	242	198	3616	6526.49	236.06	26.99	6789.54
		T	67459	11687	20823	1074	46314	68211	4197	287	1459	5943	7595.07	297.27	2448.15	10340.49

Note: I -Irrigated , UI-Un irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5E : Estimated Area under all Crops treated with FYM/COMPOST/BIOGAS by Size Groups

Crop: TOTAL NON-FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing the Crop		Area under the Crops				Area under the Crops treated with the Manure				Total quantity of the Manure applied (in M.T.)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	1087	14	0	1442	1456	0	0	81	81	0.00	0.00	942.44	942.44
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	1087	14	0	1939	1953	0	0	81	81	0.00	0.00	942.44	942.44
2	1.0 - 1.99	I	1573	75	0	0	496	496	0	0	8	8	0.00	0.00	10.18	10.18
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	75	0	0	724	724	0	0	8	8	0.00	0.00	10.18	10.18
3	2.0 - 3.99	I	1428	220	60	68	774	902	0	0	162	162	0.00	0.00	85.29	85.29
		UI	485	0	0	0	344	344	0	0	0	0	0.00	0.00	0.00	0.00
		T	1913	220	60	68	1118	1246	0	0	162	162	0.00	0.00	85.29	85.29
4	4.0 - 9.99	I	780	38	27	8	898	933	0	0	36	36	0.00	0.00	51.00	51.00
		UI	327	38	0	0	736	736	0	0	151	151	0.00	0.00	102.01	102.01
		T	1107	76	27	8	1634	1669	0	0	187	187	0.00	0.00	153.01	153.01
5	10 & Above	I	404	21	20	0	2085	2105	0	0	175	175	0.00	0.00	194.67	194.67
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	21	20	0	2161	2181	0	0	175	175	0.00	0.00	194.67	194.67
All Groups		I	13779	1441	121	76	5695	5892	0	0	462	462	0.00	0.00	1283.58	1283.58
		UI	5677	38	0	0	1881	1881	0	0	151	151	0.00	0.00	102.01	102.01
		T	19456	1479	121	76	7576	7773	0	0	613	613	0.00	0.00	1385.59	1385.59

Note: I -Irrigated , UI-Un irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5F : Estimated Area under all Crops treated with OIL CAKES by Size Groups

Crop: TOTAL FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crops				Area under the Crops treated with the Manure				Total quantity of the Manure applied (in M.T.)			
			Total No.	No. Treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	2															
1	Below 1.0	I	21070	0	2581	276	2599	5456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	44883	1087	8000	159	10183	18342	0	0	509	509	0.00	0.00	296.81	296.81
		T	52596	1087	10581	435	12782	23798	0	0	509	509	0.00	0.00	296.81	296.81
2	1.0 - 1.99	I	3959	0	1030	105	1774	2909	0	0	0	0	0.00	0.00	0.00	0.00
		UI	7213	0	3090	169	6928	10187	0	0	0	0	0.00	0.00	0.00	0.00
		T	7938	0	4120	274	8702	13096	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	2288	0	400	109	1933	2442	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4104	45	2231	190	8193	10614	0	0	170	170	0.00	0.00	172.29	172.29
		T	4305	45	2631	299	10126	13056	0	0	170	170	0.00	0.00	172.29	172.29
4	4.0 - 9.99	I	1087	0	518	38	1688	2244	0	0	0	0	0.00	0.00	0.00	0.00
		UI	1880	0	1625	28	6896	8549	0	0	0	0	0.00	0.00	0.00	0.00
		T	2049	0	2143	66	8584	10793	0	0	0	0	0.00	0.00	0.00	0.00
5	10 & Above	I	530	0	1348	0	1969	3317	0	0	0	0	0.00	0.00	0.00	0.00
		UI	414	0	0	0	4151	4151	0	0	0	0	0.00	0.00	0.00	0.00
		T	571	0	1348	0	6120	7468	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	28934	0	5877	528	9963	16368	0	0	0	0	0.00	0.00	0.00	0.00
		UI	58494	1132	14946	546	36351	51843	0	0	679	679	0.00	0.00	469.10	469.10
		T	67459	1132	20823	1074	46314	68211	0	0	679	679	0.00	0.00	469.10	469.10

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5F : Estimated Area under all Crops treated with OIL CAKES by Size Groups

Crop : TOTAL NON-FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crops				Area under the Crops treated with the Manure				Total quantity of the Manure applied (in M.T.)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	0	14	0	1442	1456	0	0	0	0	0.00	0.00	0.00	0.00
		UI	4141	0	0	0	497	497	0	0	0	0	0.00	0.00	0.00	0.00
		T	13735	0	14	0	1939	1953	0	0	0	0	0.00	0.00	0.00	0.00
2	1.0 - 1.99	I	1573	0	0	0	496	496	0	0	0	0	0.00	0.00	0.00	0.00
		UI	682	0	0	0	228	228	0	0	0	0	0.00	0.00	0.00	0.00
		T	2255	0	0	0	724	724	0	0	0	0	0.00	0.00	0.00	0.00
3	2.0 - 3.99	I	1428	91	60	68	774	902	23	0	23	46	11.34	0.00	11.34	22.68
		UI	485	65	0	0	344	344	0	0	13	13	0.00	0.00	18.14	18.14
		T	1913	156	60	68	1118	1246	23	0	36	59	11.34	0.00	29.48	40.82
4	4.0 - 9.99	I	780	0	27	8	898	933	0	0	0	0	0.00	0.00	0.00	0.00
		UI	327	0	0	0	736	736	0	0	0	0	0.00	0.00	0.00	0.00
		T	1107	0	27	8	1634	1669	0	0	0	0	0.00	0.00	0.00	0.00
5	10 & Above	I	404	0	20	0	2085	2105	0	0	0	0	0.00	0.00	0.00	0.00
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	0	20	0	2161	2181	0	0	0	0	0.00	0.00	0.00	0.00
All Groups		I	13779	91	121	76	5695	5892	23	0	23	46	11.34	0.00	11.34	22.68
		UI	5677	65	0	0	1881	1881	0	0	13	13	0.00	0.00	18.14	18.14
		T	19456	156	121	76	7576	7773	23	0	36	59	11.34	0.00	29.48	40.82

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5G : Estimated Area under all Crops treated with OTHER ORGANIC MANURE by Size Groups

Crop : TOTAL FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crop		Area under the Crops				Area under the Crops treated with the Manure				Total quantity of the Manure applied (in M.T.)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	21070	5436	2581	276	2599	5456	377	0	1087	1464	84.95	0.00	668.73	753.68
		UI	44883	3451	8000	159	10183	18342	166	0	2733	2899	193.93	0.00	126.30	320.23
		T	52596	8887	10581	435	12782	23798	543	0	3820	4363	278.88	0.00	795.03	1073.91
2	1.0 - 1.99	I	3959	1121	1030	105	1774	2909	75	0	508	583	27.22	0.00	355.32	382.54
		UI	7213	894	3090	169	6928	10187	93	0	1229	1322	18.28	0.00	125.87	144.15
		T	7938	1803	4120	274	8702	13096	168	0	1737	1905	45.50	0.00	481.19	526.69
3	2.0 - 3.99	I	2288	1183	400	109	1933	2442	45	0	893	938	21.81	0.00	703.57	725.38
		UI	4104	543	2231	190	8193	10614	156	6	1026	1188	11.55	1.10	159.03	171.68
		T	4305	1570	2631	299	10126	13056	201	6	1919	2126	33.36	1.10	862.60	897.06
4	4.0 - 9.99	I	1087	661	518	38	1688	2244	0	38	910	948	0.00	5.48	276.74	282.22
		UI	1880	182	1625	28	6896	8549	42	0	865	907	21.12	0.00	40.96	62.08
		T	2049	843	2143	66	8584	10793	42	38	1775	1855	21.12	5.48	317.70	344.30
5	10 & Above	I	530	352	1348	0	1969	3317	824	0	1358	2182	27.49	0.00	342.00	369.49
		UI	414	21	0	0	4151	4151	0	0	31	31	0.00	0.00	13.23	13.23
		T	571	352	1348	0	6120	7468	824	0	1389	2213	27.49	0.00	355.23	382.72
All Groups		I	28934	8753	5877	528	9963	16368	1321	38	4756	6115	161.47	5.48	2346.36	2513.31
		UI	58494	5091	14946	546	36351	51843	457	6	5884	6347	244.88	1.10	465.39	711.37
		T	67459	13455	20823	1074	46314	68211	1778	44	10640	12462	406.35	6.58	2811.75	3224.68

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5G : Estimated Area under all Crops treated with OTHER ORGANIC MANURE by Size Groups

Crop : TOTAL NON-FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crop		Area under the Crops				Area under the Crops treated with the Manure				Total quantity of the Manure applied (in M.T.)			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Below 1.0	I	9594	2571	14	0	1442	1456	0	0	187	187	0.00	0.00	174.51	174.51
		UI	4141	1380	0	0	497	497	0	0	83	83	0.00	0.00	111.81	111.81
		T	13735	3952	14	0	1939	1953	0	0	270	270	0.00	0.00	286.32	286.32
2	1.0 - 1.99	I	1573	546	0	0	496	496	0	0	111	111	0.00	0.00	82.40	82.40
		UI	682	136	0	0	228	228	0	0	10	10	0.00	0.00	5.59	5.59
		T	2255	682	0	0	724	724	0	0	121	121	0.00	0.00	87.99	87.99
3	2.0 - 3.99	I	1428	439	60	68	774	902	18	0	348	366	3.67	0.00	66.36	70.03
		UI	485	129	0	0	344	344	0	0	77	77	0.00	0.00	23.37	23.37
		T	1913	568	60	68	1118	1246	18	0	425	443	3.67	0.00	89.73	93.40
4	4.0 - 9.99	I	780	296	27	8	898	933	19	0	291	310	2.30	0.00	113.32	115.62
		UI	327	76	0	0	736	736	0	0	170	170	0.00	0.00	5.67	5.67
		T	1107	371	27	8	1634	1669	19	0	461	480	2.30	0.00	118.99	121.29
5	10 & Above	I	404	165	20	0	2085	2105	0	0	499	499	0.00	0.00	137.44	137.44
		UI	42	0	0	0	76	76	0	0	0	0	0.00	0.00	0.00	0.00
		T	446	165	20	0	2161	2181	0	0	499	499	0.00	0.00	137.44	137.44
All Groups		I	13779	4017	121	76	5695	5892	37	0	1436	1473	5.97	0.00	574.03	580.00
		UI	5677	1721	0	0	1881	1881	0	0	340	340	0.00	0.00	146.44	146.44
		T	19456	5738	121	76	7576	7773	37	0	1776	1813	5.97	0.00	720.47	726.44

Note: I -Irrigated , UI-Un irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5H : Estimated Area under all crops treated with Chemical Pesticides by Size Groups

Crop : TOTAL FOOD CROPS

Sl. No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crops				Area under the Crops treated with the Manure			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	21070	3866	2581	276	2599	5456	1536	0	191	1727
		UI	44883	22035	8000	159	10183	18342	4485	159	6017	10661
		T	52596	24417	10581	435	12782	23798	6021	159	6208	12388
2	1.0 - 1.99	I	3959	1027	1030	105	1774	2909	442	34	630	1106
		UI	7213	2466	3090	169	6928	10187	735	0	3185	3920
		T	7938	3069	4120	274	8702	13096	1177	34	3815	5026
3	2.0 - 3.99	I	2288	446	400	109	1933	2442	219	0	342	561
		UI	4104	1118	2231	190	8193	10614	1056	0	2814	3870
		T	4305	1410	2631	299	10126	13056	1275	0	3156	4431
4	4.0 - 9.99	I	1087	195	518	38	1688	2244	301	0	277	578
		UI	1880	622	1625	28	6896	8549	1374	0	3054	4428
		T	2049	747	2143	66	8584	10793	1675	0	3331	5006
5	10 & Above	I	530	210	1348	0	1969	3317	1310	0	419	1729
		UI	414	52	0	0	4151	4151	0	0	262	262
		T	571	210	1348	0	6120	7468	1310	0	681	1991
All Groups		I	28934	5744	5877	528	9963	16368	3808	34	1859	5701
		UI	58494	26293	14946	546	36351	51843	7650	159	15332	23141
		T	67459	29853	20823	1074	46314	68211	11458	193	17191	28842

Note: I -Irrigated , UI-Un irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5H : Estimated Area under all Crops treated with Chemical Pesticides by Size Groups

Crop : TOTAL NON-FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crops				Area under the Crops treated with the Manure			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	9594	1484	14	0	1442	1456	0	0	95	95
		UI	4141	2761	0	0	497	497	0	0	352	352
		T	13735	4245	14	0	1939	1953	0	0	447	447
2	1.0 - 1.99	I	1573	409	0	0	496	496	0	0	63	63
		UI	682	273	0	0	228	228	0	0	100	100
		T	2255	682	0	0	724	724	0	0	163	163
3	2.0 - 3.99	I	1428	421	60	68	774	902	41	0	174	215
		UI	485	110	0	0	344	344	0	0	131	131
		T	1913	530	60	68	1118	1246	41	0	305	346
4	4.0 - 9.99	I	780	132	27	8	898	933	19	0	300	319
		UI	327	182	0	0	736	736	0	0	366	366
		T	1107	314	27	8	1634	1669	19	0	666	685
5	10 & Above	I	404	157	20	0	2085	2105	0	0	1310	1310
		UI	42	0	0	0	76	76	0	0	0	0
		T	446	157	20	0	2161	2181	0	0	1310	1310
All Groups		I	13779	2603	121	76	5695	5892	60	0	1942	2002
		UI	5677	3326	0	0	1881	1881	0	0	949	949
		T	19456	5928	121	76	7576	7773	60	0	2891	2951

Note: I -Irrigated , UI-Un irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5LA : Estimated Area under all Crops treated with Green Manure by Size Groups

Crop : TOTAL FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crop				Area under the Crops treated with the Manure			
			Total No.	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	21070	0	2581	276	2599	5456	0	0	0	0
		UI	44883	0	8000	159	10183	18342	0	0	0	0
		T	52596	0	10581	435	12782	23798	0	0	0	0
2	1.0 - 1.99	I	3959	226	1030	105	1774	2909	0	0	30	30
		UI	7213	75	3090	169	6928	10187	0	8	0	8
		T	7938	226	4120	274	8702	13096	0	8	30	38
3	2.0 - 3.99	I	2288	129	400	109	1933	2442	0	0	242	242
		UI	4104	0	2231	190	8193	10614	0	0	0	0
		T	4305	129	2631	299	10126	13056	0	0	242	242
4	4.0 - 9.99	I	1087	0	518	38	1688	2244	0	0	0	0
		UI	1880	0	1625	28	6896	8549	0	0	0	0
		T	2049	0	2143	66	8584	10793	0	0	0	0
5	10 & Above	I	530	62	1348	0	1969	3317	0	0	175	175
		UI	414	0	0	0	4151	4151	0	0	0	0
		T	571	62	1348	0	6120	7468	0	0	175	175
All Groups		I	28934	417	5877	528	9963	16368	0	0	447	447
		UI	58494	75	14946	546	36351	51843	0	8	0	8
		T	67459	417	20823	1074	46314	68211	0	8	447	455

Note: I -Irrigated , UI-UnIrrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5LA : Estimated Area under all Crops treated with Green Manure by Size Groups

Crop : TOTAL NON-FOOD CROPS

Sl.No.	Size Groups (Ha.)		No. of Holdings growing the Crops		Area under the Crops				Area under the Crops treated with the Manure			
			Total No.	No. treated with t he Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	9594	0	14	0	1442	1456	0	0	0	0
		UI	4141	0	0	0	497	497	0	0	0	0
		T	13735	0	14	0	1939	1953	0	0	0	0
2	1.0 - 1.99	I	1573	75	0	0	496	496	0	0	23	23
		UI	682	0	0	0	228	228	0	0	0	0
		T	2255	75	0	0	724	724	0	0	23	23
3	2.0 - 3.99	I	1428	129	60	68	774	902	0	0	97	97
		UI	485	0	0	0	344	344	0	0	0	0
		T	1913	129	60	68	1118	1246	0	0	97	97
4	4.0 - 9.99	I	780	0	27	8	898	933	0	0	0	0
		UI	327	0	0	0	736	736	0	0	0	0
		T	1107	0	27	8	1634	1669	0	0	0	0
5	10 & Above	I	404	62	20	0	2085	2105	0	0	190	190
		UI	42	0	0	0	76	76	0	0	0	0
		T	446	62	20	0	2161	2181	0	0	190	190
All Groups		I	13779	266	121	76	5695	5892	0	0	310	310
		UI	5677	0	0	0	1881	1881	0	0	0	0
		T	19456	266	121	76	7576	7773	0	0	310	310

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5M : Estimated Area under all Crops treated with RHIZOBIUM 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 RHIZOBIUM			
			Total No	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5N : Estimated area under all Crops treated with AZETOBACTOR 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 AZETOBACTOR			
			Total No	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
			3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated , UI-UnIrrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 50 : Estimated Area under all Crops treated with BLUE GREEN ALGAE 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 Blue Green Algae			
			Total No	No. Treated With The Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5P : Estimated Area under all crops treated with PSB 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 PSB			
			Total No	No. treated with the Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated , UI-UnIrrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5PA : Estimated Area under all Crops treated with GREEN 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 Green Manure			
			Total No	No. Treated With The Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	226	1030	106	2269	3405	0	0	53	53
		UI	7349	75	3088	169	7157	10414	0	8	0	8
		T	8074	226	4118	275	9426	13819	0	8	53	61
3	2.0 - 3.99	I	2637	258	460	178	2708	3346	0	0	339	339
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	258	2692	368	11246	14306	0	0	339	339
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	62	1368	0	4053	5421	0	0	365	365
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	62	1368	0	8281	9649	0	0	365	365
All Groups		I	36767	546	5997	606	15655	22258	0	0	757	757
		UI	60092	75	14945	546	38234	53725	0	8	0	8
		T	74052	546	20942	1152	53889	75983	0	8	757	765

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 5PB : Estimated Area Under All Crops Treated With AZOSPIRILLUM 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 AZOSPIRILLUM			
			Total No	No. Treated With The Manure	HYV	HYB	Others	Total	HYV	HYB	Others	Total
1	2		3	4	5	6	7	8	9	10	11	12
1	Below 1.0	I	27886	0	2594	276	4039	6909	0	0	0	0
		UI	46263	0	7999	159	10679	18837	0	0	0	0
		T	59015	0	10593	435	14718	25746	0	0	0	0
2	1.0 - 1.99	I	4369	0	1030	106	2269	3405	0	0	0	0
		UI	7349	0	3088	169	7157	10414	0	0	0	0
		T	8074	0	4118	275	9426	13819	0	0	0	0
3	2.0 - 3.99	I	2637	0	460	178	2708	3346	0	0	0	0
		UI	4149	0	2232	190	8538	10960	0	0	0	0
		T	4305	0	2692	368	11246	14306	0	0	0	0
4	4.0 - 9.99	I	1345	0	545	46	2586	3177	0	0	0	0
		UI	1917	0	1626	28	7632	9286	0	0	0	0
		T	2087	0	2171	74	10218	12463	0	0	0	0
5	10 and Above	I	530	0	1368	0	4053	5421	0	0	0	0
		UI	414	0	0	0	4228	4228	0	0	0	0
		T	571	0	1368	0	8281	9649	0	0	0	0
All Groups		I	36767	0	5997	606	15655	22258	0	0	0	0
		UI	60092	0	14945	546	38234	53725	0	0	0	0
		T	74052	0	20942	1152	53889	75983	0	0	0	0

Note: I -Irrigated , UI-Un Irrigated, T- Total. Hence I+UI >= T in case of columns 3 & 4

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups (cont.)

Sl. No	Size Groups (Ha.)	Total number of operational Holdings	Manual Machines /Equipments										
			Hand Seed Fert Drill	Pedal Operated Thresher	Winowing Fan	Maize Sheller	Chaff Cutter	Hand Operated Sprayer/ Duster	Hand Hoe	Hand Wheel Hoe	Blade Hoe	Paddy Transplanter	Cono Weeder
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Below 1.0	59412	0	1087	20240	0	1484	397	40724	0	0	0	0
2	1.0 - 1.99	8074	0	211	2057	0	513	287	4868	0	0	0	0
3	2.0 - 3.99	4305	0	0	686	0	156	156	2399	0	0	0	0
4	4.0 - 9.99	2087	0	0	227	0	163	31	1207	0	0	0	0
5	10 and Above	571	0	0	126	0	73	73	416	0	0	0	0
ALL GROUPS		74449	0	1298	23336	0	2389	944	49614	0	0	0	0

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups (cont.)

Sl. No	Size Groups (Ha)	Manual Machines Equipments			Animal-Drawn Implements						
		Paddy Drum Seeder	Suger Cane Crusher	Others	Wooden Plough	Mould Board Plough	Disc Harrow	Cultivator (Triphali)	Seed-cum Fertilizer Drill	Levelling Karah	Seed Planter
1	2	15	16	17	18	19	20	21	22	23	24
1	Below 1.0	0	1484	41139	2864	0	0	0	0	1881	0
2	1.0 - 1.99	0	0	5805	226	0	0	0	0	438	0
3	2.0 - 3.99	0	0	2800	201	0	0	0	0	136	0
4	4.0 - 9.99	0	0	1339	214	0	0	0	0	144	0
5	10 and Above	0	0	437	0	0	0	0	0	0	0
ALL GROUPS		0	1484	51520	3505	0	0	0	0	2599	0

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups (cont.)

Sl. No	Size Groups (Ha)	Animal-Drawn Implements				Power Operated Implements								
		Bund Former	Potato & Ground Nut Digger	Animal Drawn Puddler	Others	Power Sprayer	Power Tillers	Agricultural Tractors	Tractor Drawn Mould Plough	Tractor Drawn Disc Harrow	Tractor Drawn Seed drill/seed-cum-fertilizer drill	Tractor Drawn Planter	Tractor Drawn Leveller	Tractor Drawn Potato Digger
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37
1	Below 1.0	0	0	2278	397	1087	0	0	0	0	0	0	0	0
2	1.0 - 1.99	0	0	151	362	0	937	0	0	0	0	0	0	0
3	2.0 - 3.99	0	0	45	45	45	110	129	0	110	0	0	110	0
4	4.0 - 9.99	0	0	0	69	31	295	0	0	0	0	0	0	0
5	10 and Above	0	0	0	52	52	0	52	0	73	0	0	73	0
ALL GROUPS		0	0	2474	925	1215	1342	181	0	183	0	0	183	0

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups (cont.)

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments													
		Power Threshers (wheat,paddy,multi crop)	Power Chaff Cutter	Power Cane Crusher	Combine Harvester (Tractor Powered)	Combine Harvester (Self Propelled)	Cultivator (Tractor-Drawn)	Rotavator	Cage Wheels used for puddling	Self Propelled Reaper	Power Maize Sheller	Ground Nut Decorticator	Tractor Mounted Reaper	Raised-bed Planter/BBF planter (Tractor Drawn)	Zero-Till Seed-cum-Fertilizer Drill (Tractor Drawn)
1	2	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	Below 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1.0 - 1.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2.0 - 3.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4.0 - 9.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	10 & Above	0	0	0	0	0	0	52	0	0	0	0	0	0	0
ALL GROUPS		0	0	0	0	0	0	52	0	0	0	0	0	0	0

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups (cont.)

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments												
		Strip-Till-Drill (Tractor Drawn)	Sugarcane Cutter Planter (Tractor Drawn)	Vegetable Transplanter (Tractor Driven)	Aero-blast Sprayer	Power Weeder (Self Propelled)	Pneumatic Planter (Tractor Drawn)	Self Propelled Rice Transplanter	Straw Combines (Tractor Drawn)	Disc Plough (Tractor Drawn)	Laser Land Leveler	Straw Baler	Reaper Binder	Sugarcane Harvester
1	2	52	53	54	55	56	57	58	59	60	61	62	63	64
1	Below 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1.0 - 1.99	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2.0 - 3.99	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4.0 - 9.99	0	0	0	0	0	0	0	0	0	0	0	0	0
5	10 and Above	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL GROUPS		0	0	0	0	0	0	0	0	0	0	0	0	0

Table 7A: Estimated Number of Operational Holdings who owned and used Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments												
		Tractor Mounted Post Hole Digger	Happy Seeder	Tractor Mounter Spray Pump	Brush Cutter	Chain Saw	Portable Augur Digger	Hedge Trimmers	Diesel Engine Pump Set	Electric Pump Set	Sprinkler Irrigation Set	Drip Irrigation Set	Solar Pump Set	Others
1	2	65	66	67	68	69	70	71	72	73	74	75	76	77
1	Below 1.0	0	0	0	6523	397	0	0	10388	11475	5039	0	0	4159
2	1.0 - 1.99	0	0	0	1242	409	0	0	739	2283	424	136	0	1210
3	2.0 - 3.99	0	0	0	1641	65	0	0	459	1842	905	156	0	853
4	4.0 - 9.99	0	0	0	913	0	0	0	176	773	389	31	0	314
5	10 & Above	0	0	0	404	73	0	73	21	489	311	52	0	198
ALL GROUPS		0	0	0	10723	944	0	73	11783	16862	7068	375	0	6734

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Total Number of Operational Holdings	Manual Machines /Equipments										
			Hand Seed Fert Drill	Pedal Operated Thresher	Winowing Fan	Maize Sheller	Chaff Cutter	Hand Operated Sprayer/Duster	Hand Hoe	Hand Wheel Hoe	Blade Hoe	Paddy Transplanter	Cono Weeder
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Below 1.0	59412	0	0	0	0	0	397	0	0	0	0	0
2	1.0 - 1.99	8074	0	0	0	0	0	0	0	0	0	75	0
3	2.0 - 3.99	4305	0	110	0	0	0	129	0	0	0	110	0
4	4.0 - 9.99	2087	0	0	0	0	0	0	0	0	0	69	0
5	10 and Above	571	0	0	0	0	0	21	0	0	0	52	0
ALL GROUPS		74449	0	110	0	0	0	547	0	0	0	306	0

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Manual Machines Implements			Animal-Drawn Implements						
		Paddy Drum Seeder	Suger Cane Crusher	Others	Wooden Plough	Mould Board Plough	Disc Harrow	Cultivator (Triphali)	Seed-cum Fertilizer Drill	Levelling Karah	Seed Planter
1	2	15	16	17	18	19	20	21	22	23	24
1	Below 1.0	0	0	0	690	0	0	0	0	1087	0
2	1.0 - 1.99	0	0	0	287	0	0	0	0	0	0
3	2.0 - 3.99	0	0	0	45	0	0	0	0	45	0
4	4.0 - 9.99	0	0	0	0	0	0	0	0	0	0
5	10 and Above	0	0	0	0	0	0	0	0	0	0
ALL GROUPS		0	0	0	1022	0	0	0	0	1132	0

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Animal-Drawn Implements				Power Operated Implements								
		Bund Former	Potato & Ground Nut Digger	Animal Drawn Puddler	Others	Power Sprayer	Power Tillers	Agricultural Tractors	Tractor Drawn Mould Plough	Tractor Drawn Disc Harrow	Tractor Drawn Seed drill/seed-cum-fertilizer drill	Tractor Drawn Planter	Tractor Drawn Leveller	Tractor Drawn Potato Digger
1	2	25	26	27	28	29	30	31	32	33	34	35	36	37
1	Below 1.0	0	0	0	0	0	21724	7421	1087	1087	0	0	0	0
2	1.0 - 1.99	0	0	75	0	75	1920	2373	438	151	0	0	0	0
3	2.0 - 3.99	0	0	0	0	0	860	575	45	174	0	0	0	0
4	4.0 - 9.99	0	0	76	0	38	346	452	38	101	0	0	0	0
5	10 & Above	0	0	0	0	0	73	126	0	167	0	0	0	0
ALL GROUPS		0	0	151	0	113	24923	10947	1608	1680	0	0	0	0

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments													
		Power Threshers (wheat,paddy,multicrop)	Power Chaff Cutter	Power Cane Crusher	Combine Harvester (Tractor Powered)	Combine Harvester (Self Propelled)	Cultivator (Tractor - Drawn)	Rotavator	Cage Wheels used for puddling	Self Propelled Reaper	Power Maize Sheller	Ground Nut Decorticator	Tractor Mounted Reaper	Raised-bed Planter/BBF planter (Tractor Drawn)	Zero-Till Seed-cum-Fertilizer Drill (Tractor Drawn)
1	2	38	39	40	41	42	43	44	45	46	47	48	49	50	51
1	Below 1.0	0	0	0	14340	6230	0	0	0	0	0	0	0	0	0
2	1.0 - 1.99	0	0	0	1361	876	0	0	0	0	0	0	0	0	0
3	2.0 - 3.99	0	0	0	174	265	0	0	0	0	0	0	0	0	0
4	4.0 - 9.99	0	0	0	214	76	0	0	0	0	0	0	0	0	0
5	10& Above	0	0	0	73	21	0	0	0	0	0	0	0	0	0
ALL GROUPS		0	0	0	16162	7468	0	0	0	0	0	0	0	0	0

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments												
		Strip-Till-Drill (Tractor Drawn)	Sugarcane Cutter Planter (Tractor Drawn)	Vegetable Transplanter (Tractor Driven)	Aero-blast Sprayer	Power Weeder (Self Propelled)	Pneumatic Planter (Tractor Drawn)	Self Propelled Rice Transplanter	Straw Combines (Tractor Drawn)	Disc Plough (Tractor Drawn)	Laser Land Leveler	Straw Baler	Reaper Binder	Sugarcane Harvester
1	2	52	53	54	55	56	57	58	59	60	61	62	63	64
1	Below 1.0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	1.0 - 1.99	0	0	0	0	0	0	0	0	0	0	0	0	0
3	2.0 - 3.99	0	0	0	0	0	0	0	0	0	0	0	0	0
4	4.0 - 9.99	0	0	0	0	0	0	0	0	0	0	0	0	0
5	10 and Above	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL GROUPS		0	0	0	0	0	0	0	0	0	0	0	0	0

Table 7B: Estimated Number of Operational Holdings who hired Agricultural Machinery By Size Groups

Sl. No	Size Groups (Ha)	Power Operated Implements / Equipments												
		Tractor Mounted Post Hole Digger	Happy Seeder	Tractor Mounter Spray Pump	Brush Cutter	Chain Saw	Portable Augur Digger	Hedge Trimmers	Diesel Engine Pump Set	Electric Pump Set	Sprinkler Irrigation Set	Drip Irrigation Set	Solar Pump Set	Others
1	2	65	66	67	68	69	70	71	72	73	74	75	76	77
1	Below 1.0	0	0	0	9906	397	0	0	0	1484	0	0	0	0
2	1.0 - 1.99	0	0	0	2025	0	0	0	0	151	0	0	0	0
3	2.0 - 3.99	0	0	0	1177	110	0	0	0	0	0	0	0	0
4	4.0 - 9.99	0	0	0	421	0	0	0	0	38	0	0	0	0
5	10 and Above	0	0	0	41	0	0	0	0	21	0	0	0	0
ALL GROUPS		0	0	0	13570	507	0	0	0	1694	0	0	0	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 Credit	No. of Operational Holdings That Took Credit From				Amount Of Institutional Credit Taken (In Lakh)		
				PACS*	PLDB/SLDB*	RRBB*	CBB*	PACS*		
								SL**	ML	LL
1	2	3	4	5	6	7	8	9	10	11
1	Below 1.0	59412	8904	397	0	0	8904	1984.75	0.00	0.00
2	1.0 - 1.99	8074	6484	287	0	0	6196	1436.00	0.00	0.00
3	2.0 - 3.99	4305	1195	156	0	0	1040	800.00	0.00	0.00
4	4.0 - 9.99	2087	630	38	0	0	592	125.42	0.00	0.00
5	10 and Above	571	134	0	0	0	134	0.00	0.00	0.00
All Groups		74449	17347	878	0	0	16866	4346.17	0.00	0.00
	2011-12	77895	9677	4317	0	4422	938	751.550	0.000	0.000
	Change(%)	-4.42	79.26	-79.66	0.00	-100.00	1698.08	478.29	0.00	0.00

- * 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
 LL: Long- Term Loans given by Commercial Banks/Regional Rural Banks

Table 8: Estimated Institutional Credit taken for Agricultural purposes by Size Groups.

Sl. No	Size Groups (Ha)	Amount Of Institutional Credit Taken (In Lakh)			Amount Of Institutional Credit Taken (In Lakh)			Amount Of Institutional Credit Taken (In Lakh)		
		PLDB/SLDB*			RRBB*			CBB*		
		SL**	ML	LL	SL**	ML	LL	SL**	ML	LL
1	2	12	13	14	15	16	17	18	19	20
1	Below 1.0	0.00	0.00	0.00	0.00	0.00	0.00	16540.87	2349.02	0.00
2	1.0 - 1.99	0.00	0.00	0.00	0.00	0.00	0.00	15898.41	5970.81	0.00
3	2.0 - 3.99	0.00	0.00	0.00	0.00	0.00	0.00	12366.00	4112.30	0.00
4	4.0 - 9.99	0.00	0.00	0.00	0.00	0.00	0.00	3410.51	1257.28	37.78
5	10 and Above	0.00	0.00	0.00	0.00	0.00	0.00	1024.85	2976.00	0.00
All Groups		0.00	0.00	0.00	0.00	0.00	0.00	49240.64	16665.41	37.78
	2011-12	0.000	0.000	0.000	354.490	181.870	99.410	185.950	66.920	58.760
	Change(%)	0.00	0.00	0.00	-100.00	-100.00	-100.00	26380.58	24803.48	-35.70

* 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
 LL: Long- Term Loans given by Commercial Banks/Regional Rural Banks

Table 8: Estimated Institutional Credit taken for Agricultural purposes by Size Groups.

Sl. No	Size Groups (Ha)	Amount Of Institutional Credit Taken (In Lakh)				Short Term Loan Details			
						Value of The Quantity of Fertilizer Given (in Lakh)	Value of Quantity of Other Inputs (in Lakh)	Given In Cash (in Lakh)	Total (in Lakh)
		SL**	ML	LL	Total				
1	2	21	22	23	24	25	26	27	28
1	Below 1.0	18525.62	2349.02	0.00	20874.64	660.37	9750.13	8115.12	18525.62
2	1.0 - 1.99	17334.41	5970.81	0.00	23305.22	751.61	10215.44	6367.36	17334.41
3	2.0 - 3.99	13166.00	4112.30	0.00	17278.30	81.61	906.80	12177.59	13166.00
4	4.0 - 9.99	3535.93	1257.28	37.78	4830.99	0.00	188.90	3347.04	3535.94
5	10 and Above	1024.85	2976.00	0.00	4000.85	0.00	20.60	1004.25	1024.85
All Groups		53586.81	16665.41	37.78	70290.00	1493.59	21081.87	31011.36	53586.82
	2011-12	1292.000	248.800	158.170	1698.960	510.400	161.580	620.010	1292.000
	Change(%)	4047.59	6598.32	-76.11	4037.24	192.63	12947.33	4901.75	4047.59

* 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
 LL: Long- Term Loans given by Commercial Banks/Regional Rural Banks

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 Hybrid Seed	No. of Holding Taken Foundation Prog.	Source Wise No. of Holders Who Purchased Cert Seed						
						Dept of Agri	Seed Corp	State Agri Univ Farms	Coop. Fed	Pvt Seed Comp	Pvt Seed D/R	Total
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Below 1.0	59412	26989	1087	0	13375	2571	690	9766	794	2467	26989
2	1.0 - 1.99	8074	3507	575	0	2463	362	136	377	0	621	3507
3	2.0 - 3.99	4305	1553	220	0	965	174	0	220	0	194	1553
4	4.0 - 9.99	2087	729	63	0	502	76	0	76	0	76	729
5	10 & Above	571	126	0	0	126	0	0	21	0	0	126
ALL GROUPS		74449	32904	1945	0	17431	3183	826	10460	794	3358	32904
	2011-12	77895	16623	0	614	12233	0	0	1397	0	6441	16623
	Change(%)	-4.424	97.943	0.000	-100.000	42.492	0.000	0.000	648.747	0.000	-47.865	97.943

Table 9A(Contd.): 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 Hybrid Seed	No. of Holding Taken Foundation Prog.	No. of Holders Who Encountered Problem of Seed Quality					
						Varietal Impurity	Germination Failure	Physical Impurities	Insect Damage	Other Problem	Total
1	2	3	4	5	6	14	15	16	17	18	19
1	Below 1.0	59412	26989	1087	0	0	0	0	0	0	0
2	1.0 - 1.99	8074	3507	575	0	0	0	0	0	0	0
3	2.0 - 3.99	4305	1553	220	0	0	0	0	0	0	0
4	4.0 - 9.99	2087	729	63	0	0	0	0	0	0	0
5	10 and Above	571	126	0	0	0	0	0	0	0	0
ALL GROUPS		74449	32904	1945	0	0	0	0	0	0	0
	2011-12	77895	16623	0	614	0	906	0	2188	1159	4253
	Change(%)	-4.424	97.943	0.000	-100.000	0.000	-100.000	0.000	-100.000	-100.000	-100.000

Table 9B : Crop wise distribution of Operational Holdings used Certified Seed

Sl. No	Crops	Size Classes (Ha)					
		Marginal Below 1.0	Small 1.0 - 1.99	Semi Medium 2.0 - 3.99	Medium 4.0 - 9.99	Large 10 And Above	Total
1	2	3	4	5	6	7	8
1	SUMMER PADDY	6334	1012	156	107	105	7714
2	KHARIF PADDY	20050	2330	879	427	0	23686
3	BEANS (PULSES)	0	0	45	0	0	45
4	BETELNUTS (ARECANUTS)	397	0	0	38	21	456
5	MANGOES	397	302	45	0	0	744
6	BANANA	397	0	0	0	0	397
7	CASHEWNUTS	2779	151	317	157	0	3404
8	COCONUT	0	0	156	0	21	177

Table 9C : Crop wise distribution of Operational Holdings used Hybrid Seed

Sl. No	Crops	Size Classes (Ha)					
		Marginal Below 1.0	Small 1.0 - 1.99	Semi Medium 2.0 - 3.99	Medium 4.0 - 9.99	Large 10 And Above	Total
1	2	3	4	5	6	7	8
1	KHARIF PADDY	397	0	0	0	0	397
2	SUGARCANE	690	273	0	0	0	963
3	CHILLIES	0	0	65	0	0	65
4	MANGOES	0	75	0	0	0	75
5	CASHEWNUTS	0	226	45	31	0	302
6	BRINJAL	0	0	65	0	0	65
7	LADYS FINGER (BHINDI)	0	0	65	0	0	65
8	COCONUT	0	0	110	31	0	141

Table 9D : Number of operational holdings by usual methods of Soil Test & Pest Control and Area covered under Soil Test.

S.No.	Size Group (in ha.)	Total Number of Operation al Holdings	Total Operate d Area	Total Number of Operation al Holdings on which soil testing ever done upto June,17	Total Area covered under Soil Test	Total Number of Operation al Holdings performed Soil Test in Last 5 years i.e. from July,12 to June,17	Exclusiv e no. of holdings which adopted pest control methods	Agro economic & Cultural Practices	Mechanica l Control	Biologi cal Method s	Chemical Methods	Others	No Efforts/ Practice s
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Below 1.0	59412	24343	690	276	690	44089	8490	1191	0	25798	14822	15323
2	1.0 - 1.99	8074	13477	302	279	226	5777	377	302	0	3069	2180	2297
3	2.0 - 3.99	4305	14305	91	212	45	2793	45	246	0	1539	1009	1512
4	4.0 - 9.99	2087	13436	276	1178	245	1415	38	38	0	747	592	672
5	10 and Above	571	10518	0	0	0	427	0	0	0	210	217	144
All Groups		74449	76079	1359	1945	1206	54501	8950	1777	0	31363	18820	19948
	2011-12	77895	86959	3860	2743	0	77178	14515	3428	5515	75459	497	717
	Change(%)	-4.42	-12.51	-64.79	-29.09	0.00	-29.38	-38.34	-48.16	-100.00	-58.44	3686.72	2682.15

Table 10 : Estimated Number of Operational Holders by Educational Status

SI 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	59412	6731	11182	13735	20948	3952	1380	1484
2	1.0 - 1.99	8074	1000	1615	1210	3403	287	75	484
3	2.0 - 3.99	4305	480	976	640	1299	432	129	349
4	4.0 - 9.99	2087	257	295	233	679	327	76	220
5	10 and Above	571	53	0	134	167	103	0	114
	All Groups	74449	8521	14068	15952	26496	5101	1660	2651
	2011-12	77895	10491	19905	13905	25442	4697	1249	2206
	Change(%)	-4.42	-18.78	-29.32	14.72	4.14	8.60	32.91	20.17

Check point: 1. Col 3=Cols (4+5+6+7+8+9+10).
2. Col3 must be equal to Col 3 of
Table1

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 (18-30 yrs)	Age Group2 (31-40 yrs)	Age Group3 (41-50 yrs)	Age Group4 (51-60 yrs)	Age Group5 (61-65 yrs)	Age Group6 (66 yrs & above)	Average Age (years)
1	2	3	4	5	6	7	8	9	10
1	Below 1.0	59412	690	3158	11665	18499	15219	10181	56.51
2	1.0 - 1.99	8074	0	711	937	2646	2843	937	56.90
3	2.0 - 3.99	4305	65	220	704	1383	815	1118	57.55
4	4.0 - 9.99	2087	0	214	483	434	346	610	56.62
5	10 and Above	571	0	0	126	229	82	134	57.77
All Groups		74449	755	4303	13915	23191	19305	12980	56.63
	2011-12	77895	424	4699	14238	25714	18942	13878	56.350
	Change(%)	-4.42	78.07	-8.43	-2.27	-9.81	1.92	-6.47	0.50

- Check point:**
1. Column 3 = Column 3 of Table 1.
 2. Individually Columns 4, 5, 6, 7, 8 and 9 should be less than or equal to Column 3.
 3. Columns 4+5+6+7+8+9 = 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 Group2(4-6)	Family Group3(7-9)	Family Group4(10-12)	Family Group5(13-15)	Family Group6(16-19)	Family Group7(20 & above)	Average Size
1	2	3	4	5	6	7	8	9	10	11
1	Below 1.0	59412	10180	40431	8007	794	0	0	0	4.97
2	1.0 - 1.99	8074	1286	5550	876	362	0	0	0	5.12
3	2.0 - 3.99	4305	679	3096	485	45	0	0	0	4.93
4	4.0 - 9.99	2087	521	1169	321	76	0	0	0	4.93
5	10 & Above	571	115	342	93	21	0	0	0	5.11
All Groups		74449	12781	50588	9782	1298	0	0	0	4.98
	2011-12	77895	19967	53154	3939	835	0	0	0	4.450
	Change(%)	-4.42	-35.99	-4.83	148.34	55.45	0.00	0.00	0.00	11.91

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.