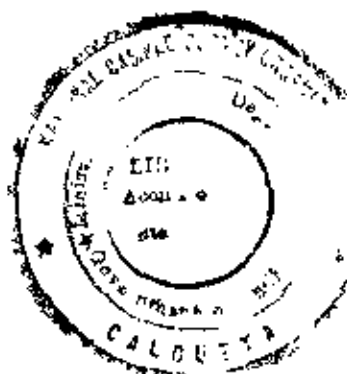


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THE NATIONAL SAMPLE SURVEY  
TWENTYSIXTH ROUND : JULY 1971-SEPTEMBER 1972

NUMBER 265/5

FERTILISER USE IN AGRICULTURAL HOLDINGS :  
HARYANA, HIMACHAL PRADESH, JAMMU & KASHMIR,  
PUNJAB, RAJASTHAN, UTTAR PRADESH AND DELHI :  
RURAL SECTOR



ISSUED BY  
NATIONAL SAMPLE SURVEY ORGANISATION  
DEPARTMENT OF STATISTICS : MINISTRY OF PLANNING  
GOVERNMENT OF INDIA  
OCTOBER 1976

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THE NATIONAL SAMPLE SURVEY  
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FERTILISER USE IN AGRICULTURAL HOLDINGS

CHAPTER ONE

I N T R O D U C T I O N

1.1 The National Sample Survey Organisation (NSSO) undertook a survey on land holdings in 1971-1972 in the 26th round as part of the Programme of World Agricultural Census, 1970, sponsored by the Food and Agriculture Organisation (FAO). The major objective was to obtain data on structure of agriculture in the country. This was the third extensive survey on land holdings canvassed throughout the country, the previous two surveys having been conducted in 1954-55 and 1960-62 in the 8th, 16th and 17th rounds respectively (the second survey, canvassed in the 16th round was repeated again, in the 17th round on an independent sample). Although a complete enumeration of operational holdings by way of retabulating the data maintained in the land records was also undertaken for the first time, a sample survey was still necessitated because of nonavailability of some items of information in the land records and absence of primary agencies for agricultural statistics at village level in a few states. However, in order to maintain comparability of data obtained from the earlier rounds, the detailed information on ownership and operational holdings were collected by interviewing the sample households.

1.2 The sample survey on land holdings in the 26th round again, for the first time in NSS, was combined with another intensive enquiry on debt and investment [required for the Reserve Bank of India (R.B.I.)] in one set of schedules of enquiry [Schedules 18.1, 18.2 and 18.3]. Data on use of fertiliser presented in this report were collected in Schedule 18.1.

1.3 While particulars of area owned, value of assets etc. were collected from each sample household, the details of operational holdings were recorded for each operational holding possessed (individually or jointly with other households) by the sample households. Each plot coming under the purview of an agricultural operational holding and possessed for major part of the agricultural year 1970-71 was enumerated and the details regarding tenancy, irrigation, multiple cropping, land utilisation were recorded. For the first time in this survey, unlike



the previous enquires on land holdings, the detailed information on use of chemical fertilisers and organic manures by specified types on irrigated and unirrigated crops grown during the reference period in the agricultural holdings were collected for rural sector only.

1.4 The data on area under different crops treated with fertilisers, quantity consumed and the value by size of agricultural holdings presented in this report pertain only to the rural sector. It may be noted that since an operational holding was comprised of lands put wholly or partly to agricultural production, operational holdings may be considered as agricultural holdings. In case an operational holding was operated jointly by more than one household, all plots either owned or leased in by the participating households coming under the purview of the operational holdings were taken into account. For such a joint operational holding, the value of any characteristic was divided by the number of households participating in the joint holding.

1.5 Data on land holdings and debt and investment were collected from sample households from July 1971 to September 1972 in three phases. The first phase from July 1971 to December 1971 related to the enquiry on land holdings and inventory of assets and liabilities and the second and third phases from January 1972 to June 1972 and July 1972 to September 1972, related mainly to the requirements of RBI on production and sale of crops and receipts from non-farm business and transactions. The same sample households were visited in the second and third phases.

1.6 The survey was carried out in whole of India excluding Andaman and Nicobar islands, Laccadive, Minicoy and Amindivi islands, Dadra and Nagar Haveli, Ladakh District of Jammu and Kashmir and a few districts of Madhya Pradesh, Maharashtra and Tripura.

1.7 All the states except West Bengal, Nagaland and Himachal Pradesh participated in the 26th round on a full matching basis in yet another sample called the state sample.

1.8 A stratified two stage design was adopted for the survey, the first stage units being villages and the second stage units the households.

1.9 The survey for the Central Sample was planned to be conducted in 4548 villages in the country and on an average 12 households were expected to be selected for the survey in each sample village.

1.10 In this report data pertaining to use of chemical fertilisers on irrigated and unirrigated crops grown in Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh and Delhi are presented. The results presented are based on the data collected in the central sample.

## CHAPTER TWO

### CONCEPTS, DEFINITIONS, SAMPLING DESIGN AND ESTIMATION PROCEDURE

Some of the relevant concepts and definitions adopted in the survey are given in the following paragraph.

2.1 Household : A group of persons who normally lived together and took food from a common kitchen constituted a household. Any person who satisfied this criterion and was considered by the head of the household to be its member was taken as a member of the household.

2.2 Operational Holding : An operational holding was constituted by all lands used wholly or partly for agricultural production and was operated by one person, alone or with the assistance of others, without regard to title, size or location. The holding might consist of one or more parcels of land provided they were located within the country and these as a whole formed part of the same 'technical unit'. 'Technical unit' was understood in the context of agricultural operations, as unit with more or less independent technical resources etc. covering items like land, implements, livestock etc. Thus an operational holding was considered (among other things) as one (a) operated by a "person" and (b) constituting one 'technical unit'. A "person" in the definition, for the purpose of this survey was either a single household or more than one household operating jointly. Since an investigator had to get hold of the operational holdings through the sample households, it was necessary for him to identify the "person" who operated and the "technical units" under each "person". The distinctiveness of the technical unit and existence of the distinct management were probed in order to arrive at the number of operational holdings. Thus more than

one "person" (signifying distinct management or operation) who operate were not considered to have the same technical unit, even if most of technical resources used by them were the same; while under the same "person" there could be more than one technical unit.

The following holdings were excluded from the scope of the survey (a) land put to non-agricultural use only, such as house site, factory etc. (b) co-operative farm.

2.3 Agricultural Production : Included the growing of field crops fruits, grapes, nuts, tree nurseries (except those of forest trees), bulbs, vegetables and flowers both in open and under glass, production of coffee, tea, cocoa, rubber, the forest production in any land which formed part of the enumeration holding and the production of livestock and livestock products, poultry and poultry products, honey, rabbits, fur-bearing animals silk-worm cocoons etc. on land forming part of the enumeration holding.

2.4 Irrigation : For purposes of this survey irrigation was considered to denote the practice of purposively providing land with water other than rain by artificial means for crop production. Such crops which were grown on irrigated land during the agricultural year 1970-71 were termed as irrigated crops.

2.5 Gross Area under Irrigated Crop : If an irrigated plot growing a particular crops was sown in more than one season, area of the plot was counted in the aggregation of gross area under the irrigated crop as many times as it was cropped.

2.6 Area treated with chemical fertilisers : Information on the area under different crops treated with chemical fertilisers like ammonium sulphate, super phosphate, and urea were collected for the irrigated and unirrigated crops grown in the holding. If in case more than one fertiliser were used on the same crop during the reference period, the crop area was counted against each of the fertiliser used.

#### Sampling Design for the Rural Sector

2.7 Sample Frame : The list of villages obtained from the 1961 population census was taken as the sampling frame except in Delhi Union Territory, where the 1971 census list of villages was used.

2.8 Stratification : The country was divided into 66 agricultural regions by grouping within each state or Union Territory, districts having similar population density and crop pattern. Within each region strata were formed by grouping tehsils which are contiguous, having similar crop pattern, population density and altitude and having good transport and communication facilities among them. The formation of strata was done in such a way that the number of persons engaged in agricultural occupation was about the same for each stratum within a region. The total number of rural strata was 379.

2.9 Allocation : The allocation of the total sample size of 4548 villages to each state/union territory was based on a joint consideration of its rural population, area under cereal crops and available investigator strength. This was modified to ensure a minimum of 180 villages in each state (excepting some smaller states and the Union Territories) taking into account the state-wise variation in work load and number of investigators and also to make the sample a multiple of 12 in order to facilitate selection of two sub-samples of six villages in each stratum.

2.10 Selection of villages : Two independent sub-samples of 12 villages each were selected circular systematically with equal probability in each stratum. In each sub-sample the villages with odd number of selection formed the Central Sample and the rest the State Sample.

2.11 Unit of Survey : In most of the cases the sample census village itself was surveyed. When the sample census villages was contained along with some other census villages within a bigger revenue village, that revenue village was taken up for the survey on land holdings.

2.12 Hamlet Selection : In some of the large sample villages the investigators were asked to form a specified number of hamlet groups of approximately equal population content. One of them was selected at random for the survey.

2.13 Selection of Households : All the households in a sample village were divided into 4 sub strata on the basis of area of land possessed. The households not possessing any land or possessing land wholly put to non-agricultural uses formed the first sub stratum.

The cut-off points between sub stratum 2, 3 and 4 were arrived at before hand for each region separately by roughly equalising the area operated in these three sub-strata. On an average three households were sampled from each sub stratum in a sample village. Sampling of households in each sub stratum was done independently and linear systematically with interval and random starts specified before hand so as to make the design self-weighting at the regional level for each sub stratum.

2.14 Number of sample villages/<sup>and</sup>households surveyed in the different states are given in Table 1 below:

Table 1 : Number of sample villages and households : 26th Round, NSS.

states	number of sample villages		number of sample households
	allotted	surveyed	
(1)	(2)	(3)	(4)
1. Haryana	180	178	945
2. Himachal Pradesh	96	94	595
3. Jammu & Kashmir	180	178	1143
4. Punjab	180	180	874
5. Rajasthan	180	180	1004
6. Uttar Pradesh	528	528	3819
7. Delhi	12	12	106
8. total	1356	1350	8486

Estimation Procedure

2.15 Let  $\hat{Y}_r$  denote the estimate of total for the characteristic y from a sub-sample for the region r within a state. Then  $\hat{Y}_r$  is given by

$$\hat{Y}_r = \sum_{t=1}^4 M_t \sum_{s=1}^k \sum_{i=1}^{n_s} \sum_{j=1}^{h_{sit}} y_{sitj}$$

where

$y_{sitj}$  is the value of the characteristic for the  $j$ th household <sup>1/</sup> of  $t$  th sub-stratum in  $i$  th village of the  $s$  th stratum,

$M_t$  is the constant multiplier for the  $t$  th sub-stratum, the multiplier being the same for all rural strata within the region,

$n_s$  is the number of sample villages in a sub-sample of the  $s$ th stratum and  $k$  is the number of strata within the region.

The state estimate of the characteristic is then given by  $Y = \sum_{r=1}^c \hat{Y}_r$ , there being  $c$  regions within a state.

Since the Central sample had only two sub-samples in each stratum, if  $y_i$  ( $i = 1, 2$ ) be the estimates of the state total of a characteristic based on the  $i$  th sample, the combined estimate is given by

$$y_0 = 1/2 (y_1 + y_2)$$

In order to retain the self weighting nature of the design in cases of casualty villages and households :. adjustments were done for each sub-sample at regional level by the following formula ;

$$M' = \frac{n}{m} \cdot \frac{P}{Q} \cdot M \text{ (original multiplier),}$$

-being

$P$  / the number of expected households based on  $m$  surveyed villages in a sub-stratum,  $Q$  the number of households surveyed in the substratum,  $n$  : the number of villages selected and  $m$  : the number of villages surveyed.

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1/ In case of a character relating to an operational holding  $y_{sitj}$  corresponded to the sum of the values of the characteristic for the different operational holdings of the  $j$ th household, in  $t$  th sub-stratum in  $i$ th village of the  $s$  th stratum. For a joint operational holding the value of the characteristic was divided by the number of households participating in the joint holding before taking the sum.

CHAPTER THREE

Area under crops

3.1 In this chapter estimates of area under different irrigated and un-irrigated crops for the agricultural year 1970-71 based on the survey are presented for Haryana, Himachal Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh & Delhi in Table Nos. (2.1), (2.2), (3.1), (3.2), (4.1), (4.2), (5.1), (5.2), (6.1), (6.2), (7.1), (7.2), (8.1) and (8.2) respectively.

3.2 Haryana : 3.7 lakh holdings grew irrigated crops of which 3.1 lakh holdings reported growing irrigated wheat with about 38 p.c. of irrigated area under that crop. 3.8 lakh holdings grew unirrigated crops of which 2.4 lakh holdings reported growing unirrigated bajra with about 35 p.c. of gross unirrigated area under that crop.

3.3 Himachal Pradesh : 88 thousand holdings grew irrigated crops of which 61 thousand holdings reported growing irrigated wheat with about 35 p.c. of area under that crop. Also 61 thousand holdings reported growing irrigated rice with about 27 p.c. of area under that crop. 3.5 lakh holdings grew unirrigated crops of which 3.0 lakh holdings reported growing unirrigated maize with about 36 p.c. of area under that crop. Also 2.9 lakh holdings reported growing unirrigated wheat with 38 p.c. of area under that crop.

3.4 Jammu & Kashmir : 3.3 lakh holdings grew irrigated crops of which 2.1 lakh holdings reported growing irrigated rice with about 73 p.c. of area under that crop. 4.3 lakh holdings grew unirrigated crops of which 3.5 lakh holdings reported growing unirrigated maize with about 52 p.c. of area under that crop.

3.5 Punjab : 5.7 lakh holdings grew irrigated crops of which 5.3 lakh holdings reported growing irrigated wheat with about 43 p.c. of area under that crop. 3.1 lakh holdings grew unirrigated crops of which 1.7 lakh holdings reported growing unirrigated wheat with about 34 p.c. of area under that crop.

3.6 Rajasthan : 12.9 lakh holdings grew irrigated crops of which 8.1 lakh holdings reported growing irrigated wheat with about 37 p.c. of area under that crop. 23.8 lakh holdings grew unirrigated crops of which 13.9 lakh holdings reported growing unirrigated bajra with about 43 p.c. of area under that crop.

3.7 Uttar Pradesh : 85.3 lakh holdings grew irrigated crops of which 61.1 lakh holdings reported growing irrigated wheat with about 45 p.c. of area under that crop. 85.4 lakh holdings grew unirrigated crops of which 47.8 lakh holdings reported growing unirrigated rice with about 27 p.c. of area under that crop.

3.8 Delhi : 15 thousand holdings grew irrigated crops of which 13 thousand holdings reported growing irrigated wheat with about 67 p.c. of area under that crop. 16 thousand holdings grew unirrigated crops of which 12 thousand holdings reported growing unirrigated bajra with about 51 p.c. of area under that crop.

Table (2.1): Estimated number of operational holdings reporting irrigated crops, percentage of gross irrigated area and average gross area under crop per reporting holding : agricultural year 1970-71.

State . Haryana		irrigated crops		
crop	estimated no. of holdings reporting crop (00)	percentage of gross irrigated area under crop	average gross irrigated area under crop per reporting holding	
			acres	hectares
(1)	(2)	(3)	(4)	(5)
1. rice	840	9.19	4.08	1.65
2. jowar	802	4.05	1.89	0.76
3. bajra	1236	10.85	3.27	1.32
4. maize	503	3.27	2.43	0.98
5. ragi	4	0.09	*	*
6. wheat	3133	37.85	4.51	1.83
7. barley	330	1.90	2.16	0.87
8. other cereals	80	0.48	2.22	0.90
9. gram	1050	8.22	2.92	1.18
10. tur	54	0.56	3.85	1.56
11. other pulses	196	0.79	1.50	0.61
12. sugarcane	687	2.63	1.43	0.58
13. cotton	936	8.86	3.53	1.43
14. other fibres	20	0.11	*	*
15. rape & mustard	264	1.70	2.40	0.97
16. ground nut	16	0.05	*	*
17. other oil seeds	46	0.35	2.86	1.17
18. tobacco	9	0.00	*	*
19. spices and condiments	66	0.17	0.97	0.39
20. other crop commodities	1368	7.64	2.09	0.85
21. not recorded	100	1.24	4.67	1.89
22. all crops	3685	100.00	10.14	4.10
23. estimated gross irrigated area under crops ( 00 acres )	x	37352	x	x
24. estimated gross irrigated area under crop ( 00 hectares )	x	15116	x	x

\* not computed because of negligible cropped acreage



Table (2.2) Estimated number of operational holdings reporting unirrigated crops, percentage of gross unirrigated area and average gross area under crop per reporting holding : agricultural year 1970-71.

state : Haryana		unirrigated crops		
crop	estimated no. of holdings reporting crop	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per reporting holding	
	(00)	(3)	acres	hectares
(1)	(2)	(3)	(4)	(5)
1. rice	198	0.99	1.74	0.70
2. jowar	676	4.81	2.47	1.00
3. bajra	2425	34.92	5.00	2.02
4. maize	466	3.13	2.33	0.94
5. wheat	977	9.87	3.51	1.42
6. barley	242	1.43	2.06	0.83
7. other cereals	32	0.20	2.22	0.90
8. gram	2007	26.88	4.66	1.88
9. tur	37	0.16	1.54	0.62
10. other pulses	458	3.09	2.34	0.95
11. sugarcane	168	0.86	1.77	0.72
12. cotton	42	0.06	*	*
13. other fibres	7	0.00	*	*
14. rape and mustard	446	2.71	2.11	0.85
15. ground nut	62	0.30	1.68	0.68
16. other oil-seeds	12	0.03	*	*
17. spices & condiments	15	0.03	*	*
18. other crop commodities	1219	7.97	2.27	0.92
19. not recorded	160	2.56	5.57	2.25
20. all crops	3796	100.00	9.16	3.71
21. estimated gross unirrigated area under crops (00 acres)	x	34761	x	x
22. estimated gross unirrigated area under crops (00 hectares)	x	14068	x	x

\* not computed because of negligible cropped acreage.

Table (3.1) : Estimated no. of operational holdings reporting irrigated crops, percentage of gross irrigated area and average gross area under crop per reporting holding : agricultural year 1970-71.

State: Himachal Pradesh		irrigated crops			
crop	estimated no. of holdings reporting crop	percentage of gross irrigated area under crop	average gross irrigated area under crop per reporting holding		
	(00)		acres	hectares	
(1)	(2)	(3)	(4)	(5)	
1. rice	612	27.47	0.96	0.39	
2. jowar	10	0.26	0.55	0.22	
3. maize	285	16.40	1.23	0.50	
4. ragi	14	0.14	*	*	
5. wheat	614	35.41	1.23	0.50	
6. barley	96	2.32	0.51	0.21	
7. other cereals	24	0.49	0.44	0.18	
8. gram	73	0.33	0.10	.04	
9. other pulses	144	0.96	0.14	0.06	
10. sugarcane	34	0.37	0.23	0.09	
11. rape & mustard	4	0.02	*	*	
12. ground nut	4	0.02	*	*	
13. other oil seeds	72	0.63	0.19	0.08	
14. tobacco	112	3.00	0.57	0.23	
15. spices & condiments	62	0.40	0.14	0.06	
16. other crop commodities	266	11.48	0.92	0.37	
17. not recorded	6	0.30	1.00	0.40	
18. all crops	885	100.00	2.41	0.98	
19. estimated gross irrigated area under crops (00 acres)	x	2136	x	x	
20. estimated gross irrigated area under crops (00 hectares)	x	864	x	x	

\* not computed because of negligible cropped acreage.

Table (3.2) : Estimated no. of operational holdings reporting unirrigated crops, percentage of gross unirrigated area and average gross area under crop per reporting holding : agricultural year - 1970-71.

State : Himachal Pradesh

unirrigated crops

crop	estimated no. of holdings reporting crop (00)	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per repor- ting holding	
			acres	hectares
(1)	(2)	(3)	(4)	(5)
1. rice	1149	6.73	0.86	0.35
2. jowar	4	0.01	*	*
3. bajra	4	0.02	*	*
4. maize	3002	37.80	1.86	0.75
5. ragi	38	0.35	1.37	0.55
6. wheat	2943	38.05	1.91	0.77
7. barley	1148	3.81	0.49	0.20
8. other cereals	168	0.53	0.47	0.19
9. gram	317	1.07	0.50	0.20
10. tur	6	0.01	*	*
11. other pulses	1225	2.67	0.32	0.13
12. sugarcane	62	0.22	0.52	0.21
13. cotton	30	0.07	0.33	0.13
14. rape & mustard	85	0.23	0.41	0.17
15. ground nut	14	0.09	1.00	0.40
16. other oil seeds	96	0.27	0.41	0.17
17. tobacco	147	0.09	0.10	0.04
18. spices & condiments	172	0.17	0.14	0.06
19. other crop commodities	561	5.96	0.83	0.34
20. not recorded	150	1.85	1.82	0.74
21. all crops	3474	100.00	4.25	1.72
22. estimated gross unirrigated area under crops (00 acres)	x	14757	x	x
23. estimated gross un- irrigated area under crops (00 hectares)	x	5972	x	x

\* not computed because of negligible cropped acreage.

Table (4.1) : Estimated no. of operational holdings reporting irrigated crops, percentage of gross irrigated area and average gross area under crop per reporting holding :  
agricultural year - 1970-71.

State : Jammu & Kashmir		irrigated crops		
crop	estimated no. of holdings reporting crop	percentage of gross irrigated area under crop	average gross irrigated area under crop per reporting holding	
	(00)		(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	2930	72.92	1.53	0.62
2. jowar	10	0.01	*	*
3. bajra	2	0.00	*	*
4. maize	261	3.06	0.72	0.29
5. ragi	2	0.02	*	*
6. wheat	379	15.17	2.44	0.99
7. barley	18	0.16	0.57	0.23
8. gram	6	0.05	*	*
9. other pulses	59	0.23	0.24	0.10
10. sugarcane	41	0.15	0.23	0.09
11. cotton	0	0.00	*	*
12. other fibres	4	0.02	*	*
13. rape & mustard	231	2.97	0.79	0.32
14. sesamum	2	0.01	*	*
15. other oil seeds	4	0.11	1.44	0.58
16. tobacco	9	0.01	*	*
17. spices & condiments	276	0.24	0.05	0.02
18. other crop commodities	2319	4.84	0.13	0.05
19. not recorded	3	0.03	*	*
20. all crops	3325	100.00	1.85	0.75
21. estimated gross irrigated area under crops (00 acres)	x	6137	x	x
22. estimated gross irrigated area under crops (00 hectares)	x	2484	x	x

\* not computed because of negligible cropped acreage.

Table (4.2) : Estimated no. of operational holdings reporting unirrigated crops, percentages of gross unirrigated area and average gross area under crop per reporting holding : agricultural year--'1970-71.

State : Jammu & Kashmir		unirrigated crops		
crop	estimated no. of holdings reporting crop	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per reporting holding	
			(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	274	3.81	1.49	0.60
2. jowar	4	0.22	6.00	2.43
3. bajra	280	4.59	1.75	0.71
4. maize	3549	51.77	1.56	0.63
5. ragi	41	0.48	1.26	0.51
6. wheat	1381	26.74	2.07	0.84
7. burley	166	0.74	0.48	0.19
8. other cereals	104	0.82	0.85	0.34
9. gram	42	0.18	0.45	0.18
10. other pulses	823	4.08	0.53	0.21
11. sugarcane	62	0.11	0.20	0.08
12. cotton	10	0.01	*	*
13. jute	24	0.03	*	*
14. other fibres	8	0.01	*	*
15. rape & Mastard	200	1.00	0.53	0.21
16. ground nut	9	0.02	0.28	0.11
17. sesamum	190	1.43	0.81	0.33
18. other oil seeds	128	0.60	0.50	0.20
19. tobacco	39	0.00	*	*
20. spices & condiments	12	0.01	*	*
21. other crop commodities	960	3.35	0.37	0.15
22. all crops	4289	100.00	2.50	1.01
23. estimated gross un-irrigated area under crops (00 acres)	x	10712	x	x
* 24. estimated gross un-irrigated area crop (00 hectares)	x	4335	x	x

\*not computed because of negligible cropped acreage.

Table (3.1) : Estimated number of operational holdings reporting irrigated crops, percentage of gross irrigated area and average gross area under crop per reporting holding : agricultural year- 1970-71.

State : Punjab		irrigated crops		
crop	estimated no. of holdings reporting	percentage of gross irrigated area under crop	average gross irrigated area under crop per reporting holding	
	(00)		(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	2413	12.10	3.77	1.53
2. jowar	371	0.73	1.48	0.60
3. bajra	443	1.25	2.12	0.86
4. maize	3047	10.60	2.62	1.06
5. ragi	7	0.04	*	*
6. wheat	5331	42.75	6.03	2.44
7. barley	188	0.41	1.65	0.67
8. other cereals	14	0.05	*	*
9. gram	543	1.93	2.67	1.08
10. tur	36	0.16	3.44	1.39
11. other pulses	282	0.41	1.08	0.44
12. sugarcane	1736	1.79	0.78	0.32
13. cotton	2118	8.28	2.94	1.19
14. other fibres	9	0.01	*	*
15. rape & Mustard	364	0.69	1.42	0.57
16. ground nut	450	2.27	3.79	1.53
17. sesamum	50	0.02	*	*
18. other oil seeds	174	0.47	2.03	0.82
19. spices & condiments	125	0.19	1.16	0.47
20. other crop commodities	4681	15.82	2.54	1.03
21. not recorded	32	0.03	*	*
22. all crops	5720	100.00	13.15	5.32
23. estimated gross irrigated area under crops (00 acres)	x	75200	x	x
24. estimated gross irrigated area under crops (00 hectares)	x	30433	x	x

\* not computed because of negligible cropped acreage.

Table (3.2) : Estimated number of operational holdings reporting unirrigated crops, percentage of gross unirrigated area and average gross area under crop per reporting holding : agricultural year 1970-71.

State : Punjab		unirrigated crops		
crop	estimated no. of holdings reporting crop	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per reporting holding	
	(00)		(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	320	4.84	3.08	1.25
2. jowar	18	0.18	2.00	0.81
3. bajra	212	3.37	3.23	1.27
4. maize	558	7.62	2.78	1.13
5. wheat	1674	33.87	4.11	1.66
6. barley	80	0.86	2.16	0.87
7. gram	656	13.35	4.14	1.68
8. other cereals	58	0.46	0.85	0.34
9. sugarcane	120	0.72	1.22	0.49
10. cotton	76	0.62	1.67	0.68
11. jute	9	0.02	*	*
12. rape & mustard	186	2.05	2.24	0.91
13. ground nut	602	15.08	5.09	2.06
14. sesamum	86	0.46	1.09	0.44
15. other oil seeds	32	0.26	1.66	0.67
16. spices and condiments	20	0.07	*	*
17. other crop commodities	1320	15.75	2.43	0.98
18. not recorded	44	0.42	*	*
19. all crops	3074	100.00	6.62	2.68
20. estimated gross unirrigated area under crops (00 acres)	x	20327	x	x
21. estimated gross unirrigated area under crops (00 hectares)	x	8226	x	x

\* not computed because of negligible cropped acreage.

Table (6.1) : Estimated no. of operational holdings reporting irrigated crops percentage of gross irrigated area and average gross area under crop per reporting holding : agricultural year - 1970-71.

State - Rajasthan		irrigated crops		
crop	estimated	percentage	average gross	
	no. of	of gross	irrigated area	under crop per
	holdings	irrigated	under crop per	reporting holding
	reporting	area under	reporting holding	
	crop	crop	(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	260	0.33	0.61	0.25
2. jowar	307	1.62	2.55	1.03
3. bajra	770	2.93	1.84	0.74
4. maize	4045	11.08	1.32	0.53
5. ragi	74	0.22	1.43	0.58
6. wheat	6394	37.06	2.13	0.86
7. barley	6113	20.08	1.58	0.64
8. other cereals	26	0.12	2.19	0.89
9. gram	1646	6.70	2.55	1.03
10. tur	10	0.00	*	*
11. other pulses	272	0.65	1.15	0.46
12. sugarcane	488	1.22	1.20	0.49
13. cotton	1800	7.58	2.03	0.82
14. other fibres	10	0.02	*	*
15. rape & mustard	596	1.35	1.09	0.44
16. ground nut	38	0.25	3.18	1.29
17. sesamum	2	0.05	*	*
18. other oil seeds	148	0.40	1.29	0.52
19. spices & condiments	956	2.90	1.47	0.59
20. other crop commodities	1844	3.39	0.89	0.36
21. not recorded	10	0.05	*	*
22. all crops	12929	100.00	3.73	1.51
23. estimated gross irrigated area under crops (00 acres)	x	48250	x	x
24. estimated gross irrigated area under crops (00 hectares)	x	19527	x	x

\* not computed because of negligible cropped acreage.



Table ( 6.2 ) : Estimated no. of operational holdings reporting unirrigated crops, percentage of gross unirrigated area and average gross area under crop per reporting holding : agricultural year 1970-71.

State : Rajasthan		unirrigated crop		
crop	estimated	percentage	average gross	
	no. of	of gross	unirrigated area	
	holdings	unirrigated	under crop per	
	reporting	area under	reporting holding	
	crop	crop		
	(00)		(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	2240	0.94	0.99	0.40
2. jowar	4794	6.51	3.20	1.30
3. bajra	13892	43.21	7.33	2.97
4. maize	6583	4.78	1.71	0.69
5. ragi	58	0.02	*	*
6. wheat	1903	2.68	3.32	1.34
7. barley	999	0.39	0.93	0.38
8. other cereals	1584	0.95	1.42	0.57
9. gram	4630	3.90	1.99	0.80
10. tur	846	0.29	0.80	0.32
11. other pulses	9128	14.83	3.83	1.55
12. sugarcane	71	0.05	1.55	0.63
13. cotton	1426	1.01	1.66	0.67
14. jute	10	0.00	*	*
15. other fibres	386	0.09	0.54	0.22
16. rape & mustard	1034	0.82	1.88	0.76
17. ground nut	1382	0.93	1.59	0.64
18. sesamum	3186	1.99	1.47	0.59
19. other oil seeds	717	0.54	1.76	0.71
20. tobacco	158	0.03	*	*
21. spices & condiments	992	0.28	0.65	0.26
22. other crop commodities	8460	15.76	4.39	1.78
23. all crops	23780	100.00	9.91	4.01
24. estimated gross un-irrigated area under crops (00 acres)	x	235620	x	x
25. estimated gross un-irrigated area under crops (00 hectares)	x	95355	x	x

\* not computed because of negligible cropped acreage

Table (7.1) . Estimated no. of operational holdings reporting irrigated crops, percentage of gross irrigated area and average gross area under crop per reporting holding : agricultural year - 1970-71.

State : Uttar-Pradesh		irrigated crops		
crop	estimated	percentage	average gross	
	no. of holdings reporting	of gross irrigated area under crop	irrigated area under crop per reporting holding	(acres) (hectares)
(1)	crop (00) (2)	(3)	(4)	(5)
1. rice	31795	16.31	1.53	0.62
2. jowar	1485	0.50	1.00	0.40
3. bajra	4660	2.20	1.41	0.57
4. maize	11160	5.03	1.34	0.54
5. ragi	370 <del>4660</del>	0.07	0.57	0.23
6. wheat	81930	44.72	1.63	0.66
7. barley	26490	5.56	0.63	0.25
8. other cereals	3755	1.11	0.88	0.36
9. gram	19170	4.19	0.65	0.26
10. tur	2040	0.41	0.61	0.25
11. other pulses	28035	4.27	0.45	0.18
12. sugarcane	26850	7.16	0.80	0.32
13. cotton	495	0.10	0.63	.25
14. other fibres	410	0.04	*	*
15. rape & mustard	10420	1.49	0.43	0.17
16. ground nut	625	0.14	0.66	0.27
17. sesamum	100	0.07	2.05	0.83
18. oil seeds	980	0.13	0.40	0.16
19. tobacco	570	0.04	*	*
20. spices & condiments	1185	0.10	0.24	0.10
21. other crop commodities	25980	5.56	0.64	0.26
22. not recorded	2435	0.80	0.99	0.40
23. all crops	85795	100.00	3.48	1.41
24. estimated gross irrigated area under crops (00 acre)	x	298240	x	x
25. estimated gross irrigated area under crops (00 hectares)	x	120698	x	x

\* not computed because of negligible cropped acreage.

Table (7.2) : Estimated no. of operational holdings reporting unirrigated crops, percentage of gross unirrigated area and average gross area under crop per reporting holding : agricultural year: 1970-71.

State : Uttar Pradesh		unirrigated crops		
crop	estimated no. of holdings reporting crop	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per reporting holding	
	(00)		(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	47835	26.53	1.49	0.60
2. jowar	14135	5.37	1.02	0.41
3. bajra	15950	7.58	1.28	0.52
4. maize	23510	6.78	1.00	0.40
5. ragi	5795	1.55	0.72	0.29
6. wheat	24665	13.64	1.51	0.61
7. barley	12155	3.41	0.75	0.30
8. other cereals	12955	3.38	0.70	0.28
9. gram	19860	7.74	1.05	0.42
10. tur	22150	3.68	0.45	0.18
11. other pulses	21060	5.12	0.65	0.26
12. sugarcane	6210	2.08	0.90	0.36
13. cotton	45	0.01	*	*
14. jute	50	0.00	*	*
15. other fibres	1600	0.09	0.16	0.06
16. rape & mustard	5375	1.34	0.67	0.27
17. ground nut	4275	2.52	1.58	0.64
18. sesamum	525	0.13	0.68	0.28
19. oil seeds	1830	0.79	1.15	0.47
20. tobacco	85	0.01	*	*
21. spices & condiments	535	0.10	0.52	0.21
22. other crop commodities	21085	5.35	0.68	0.28
23. not recorded	1645	0.60	0.98	0.40
24. all crops	85365	100.00	3.15	1.27
25. estimated gross un-irrigated area under crops (00 acres)	x	268550	x	x
26. estimated gross un-irrigated area under crops (00 hectares)	x	108682	x	x

\* not computed because of negligible cropped acreage.

Table (8.1) Estimated no. of operational holding reporting irrigated crops, percentage of gross irrigated area, and average gross area under crop per reporting holding agricultural year 1970-71

State : Delhi		irrigated crops			
Crop	estimated no. of holdings reporting crop. (100)	percentage of gross irrigated area under crop	average gross irrigated area under crop per reporting hold- ing (acres) (hectares)		
(1)	(2)	(3)	(4)	(5)	
1. Bajra	51	27.50	5.47	2.21	
2. wheat	123	67.07	5.26	2.12	
3. other pulses	15	1.33	0.84	0.34	
4. sugar cane	6	0.03	0.64	0.26	
5. rape & mustard	19	2.33	0.18	0.07	
6. spices & condiments	2	0.15	*	*	
7. other crop commodities	10	3.23	1.80	0.73	
8. all crops	154	100.00	6.41	2.59	
9. estimated gross irrigated area under crop (100 acres)	X	972	X	X	
10. estimated gross irrigated area under crop (100 hectares)	X	393	X	X	

\* not computed because of negligible cropped acreage

Table (8.2) Estimated no. of operational holdings reporting irrigated crops, percentage or gross irrigated area, and average gross area under cropper reporting holding agricultural year 1970-71.

State : Delhi		unirrigated crop		
crop	estimated no. of holdings reporting crop (00)	percentage of gross unirrigated area under crop	average gross unirrigated area under crop per reporting holding	
			(acres)	(hectares)
(1)	(2)	(3)	(4)	(5)
1. rice	12	4.72	2.50	1.01
2. jowar	21	5.91	1.74	0.70
3. bajra	125	50.50	2.55	1.03
4. maize	4	0.35	1.00	0.40
5. wheat	40	12.28	2.03	0.82
6. barley	15	4.17	1.71	0.69
7. gram	39	14.41	2.32	0.96
8. other pulses	4	0.94	1.71	0.69
9. other crop commodities	31	6.40	1.32	0.53
10. all crops	150	100.00	4.04	1.63
11. estimated gross unirrigated area under crops (00 acres)		637	X	X
12. estimated gross unirrigated area under crops (00hectares)		257	X	X

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## CHAPTER FOUR Use of Fertiliser

4.1 In the survey ~~data~~ for each crop grown in the operational holdings during the agricultural year 1970-71, data on area under the crop, area treated with ammonium sulphate, urea, super phosphate, mixed fertiliser and 'other chemical fertiliser' together with quantity and value of fertiliser applied were collected separately by crops, classified as irrigated and unirrigated crops. ~~XX~~ Table (9) presents estimated quantities of different types of fertilisers applied separately on irrigated and unirrigated crops by states. It is seen from column (4) of the table that 68.0, 2.1, 7.1, 214.7, 39.6, 476.8 and 1.3 thousand tonnes of urea were used in Haryana, Madhya Pradesh, Jammu & Kashmir, Punjab, Rajasthan, Uttar Pradesh & Delhi respectively. Column (7) of the table gives equivalent nitrogen content corresponding to quantity of ammonium sulphate and urea shown in columns (2) & (4) respectively. Column (8) similarly gives equivalent phosphorus content corresponding to quantity of super phosphate shown in column (3). Column (9) of the Table gives nitrogen/phosphorus ratio by states.

4.2 Table (10) gives application of fertiliser for all crops combined. Data relating to use of fertiliser for raising different irrigated and unirrigated crops are presented in the Appendix.

Table (9) : Estimated quantity (tonnes) of chemical fertilisers applied on all irrigated and unirrigated crops : agricultural year 1970-71.

condition of crop	estimated quantity (tonnes) applied					Nitrogen content in fertilisers in col. (2) & (4) (tonnes)	Phosphorus content in fertiliser in col. (3) (tonnes)	Ratio $\frac{N}{P}$ col. (7) / col. (8) (8)
	ammonium sulphate	super phosphate	urea	mixed fertiliser	other fertilisers			
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Haryana								
irrigated	6996	797	61890	1962	15122	29911	128	234.6
unirrigated	527	3806	3955	378	2808	1928	609	3.2
all	7523	4603	65845	2340	17930	31839	737	43.2
2. Himachal Pradesh								
irrigated	662	2340	53	130	192	161	374	0.4
unirrigated	2019	1662	1029	1271	846	890	266	3.3
all	2681	4002	1082	1401	1038	1051	640	1.6
3. Jammu & Kashmir								
irrigated	3662	983	6869	532	1058	3914	158	24.8
unirrigated	713	122	226	197	63	251	20	12.9
all	4375	1105	7095	729	1121	4165	178	23.4
4. Punjab								
irrigated	26446	30567	203319	69838	106856	98974	4890	20.2
unirrigated	2403	3209	11406	400	4922	5742	514	11.2
all	28849	33776	214725	70238	111778	104716	5404	19.4
5. Rajasthan								
irrigated	3094	2950	36170	1336	1480	17276	472	36.6
unirrigated	2249	148	3411	553	837	2032	24	84.6
all	5343	3098	39581	1889	2317	19308	496	38.9
6. Uttar Pradesh								
irrigated	51450	18071	397138	62731	76172	193282	2892	66.8
unirrigated	14268	1657	78627	7302	9856	39108	265	147.6
all	65718	19728	475765	70033	86028	232390	3157	73.6
7. Delhi								
irrigated	236	1354	1264	-	1549	630	216	2.9
unirrigated	-	-	35	-	34	32	-	X
all	236	1354	1299	-	1583	662	216	3.1

1/ assuming 20% nitrogen in ammonium sulphate and 46% nitrogen in urea

2/ assuming 16% phosphorus in super phosphate

3/ ignoring the mixed and other fertiliser

4.3 Table (10.1) presents in column (2) number of holdings growing irrigated crop using different types of fertiliser expressed as a percentage of all irrigated holdings. Column (3) of the table gives gross area (percentage) treated with different types of fertiliser. Similar data relating to unirrigated holdings are presented in Table (10.2).

4.4.1 Haryana : About 87 p.c. of the holdings reporting irrigated crops used urea with about 32 p.c. of gross area being under urea.

4.4.2 Himachal Pradesh : About 24 p.c. of holdings reporting irrigated crops used super phosphate, about 10 p.c. of gross area being under that fertiliser.

4.4.3 Jammu & Kashmir : About 33 p.c. of holdings reporting irrigated crops used urea with about 36 p.c. of gross area being under that fertiliser.

4.4.4 Punjab : About 60 p.c. of holdings reporting irrigated crops used urea with about 40 p.c. of gross area being under that fertiliser.

4.4.5 Rajasthan : About 17 p.c. of the holdings reporting irrigated crop used urea with about 24 p.c. of gross area being under that fertiliser.

4.4.6 Uttar Pradesh : About 51 p.c. of the holdings reporting irrigated crops used urea under about 35 p.c. of gross area fertiliser.

4.4.7 Delhi : About 30 p.c. of holdings reporting irrigated crops used urea with about 21 p.c. of gross area being under that crop.

Unirrigated holdings :

4.5 It is seen from Table (10.2) that in Punjab about 14 p.c. of the holding reporting unirrigated crop used urea



Table (10.1) : Percentage of holdings reporting irrigated crops using different chemical fertilisers, percentage of gross area under fertiliser use and quantity and value of fertiliser used per holding and per acre : agricultural year 1970-71.

state	percentage of			
	holdings reporting irrigated crop using fertiliser	gross area under irrigated crops using fertiliser	quantity (kg) of fertiliser used per acre of land receiving fertiliser	value (Rs) of fertiliser used per acre
(1)	(2)	(3)	(4)	(5)
1. ammonium sulphate				
Haryana	5.05	3.54	52.89	43.22
Himachal Pradesh	7.29	2.62	118.23	95.32
Jammu & Kashmir	16.94	18.51	32.24	19.27
Punjab	13.04	6.71	52.38	38.93
Rajasthan	4.44	4.96	12.94	17.27
Uttar Pradesh	5.53	4.18	41.22	33.83
Delhi	3.62	6.15	39.34	29.23
2. super phosphate				
Haryana	2.00	0.90	22.77	24.93
Himachal Pradesh	24.41	9.74	112.52	80.34
Jammu & Kashmir	4.30	4.27	37.52	29.60
Punjab	11.95	5.48	74.13	53.42
Rajasthan	3.35	1.92	31.86	21.89
Uttar Pradesh	2.27	1.66	36.51	30.39
Delhi	16.12	20.31	68.37	60.78
3. urea				
Haryana	37.21	31.94	51.87	54.62
Himachal Pradesh	0.40	0.66	38.04	21.29
Jammu & Kashmir	33.21	35.70	31.36	31.42
Punjab	67.84	48.61	55.62	53.29
Rajasthan	17.48	24.22	30.96	30.40
Uttar Pradesh	50.93	35.02	38.03	39.16
Delhi	19.74	19.08	67.96	51.17
4. mixed fertilisers				
Haryana	1.40	0.79	65.63	62.68
Himachal Pradesh	1.19	2.36	25.66	21.45
Jammu & Kashmir	2.47	2.11	41.08	33.23
Punjab	13.44	10.34	89.79	76.42
Rajasthan	0.92	1.48	18.72	9.12
Uttar Pradesh	6.46	4.95	42.47	53.66
Delhi	-	-	-	-
5. other fertilisers				
Haryana	19.15	9.80	41.29	27.60
Himachal Pradesh	2.71	3.74	23.95	74.19
Jammu & Kashmir	2.89	4.34	39.70	37.42
Punjab	34.50	26.15	54.34	44.18
Rajasthan	0.87	1.31	23.45	23.75
Uttar Pradesh	6.12	4.73	53.96	43.12
Delhi	39.14	20.67	76.87	48.05

Table (10.2): Percentage of holdings reporting unirrigated crops using different chemical fertilisers, percentage of gross area under fertiliser use and quantity and value of fertiliser used per holding and per acre: agricultural year 1974-75.

state	percentage of			
	holdings reporting unirrigated crop using fertiliser	gross area under unirrigated crops using fertiliser	quantity (%) of fertiliser used per acre of land receiving fertiliser	value (%) of fertiliser used per acre
(1)	(2)	(3)	(4)	(5)
1. ammonium sulphate				
Haryana	0.74	0.32	46.68	27.79
Himachal Pradesh	4.42	2.63	52.04	31.20
Jammu & Kashmir	2.47	1.52	43.94	28.79
Punjab	3.73	5.30	22.29	14.88
Rajasthan	0.53	0.34	28.25	13.44
Uttar Pradesh	2.82	1.24	42.85	37.01
Delhi	-	-	-	-
2. super phosphate				
Haryana	1.24	1.35	80.82	57.39
Himachal Pradesh	8.19	3.08	36.61	25.01
Jammu & Kashmir	0.30	0.16	69.66	40.86
Punjab	4.54	5.72	27.57	14.97
Rajasthan	0.04	0.07	9.40	8.46
Uttar Pradesh	0.74	0.25	24.73	21.36
Delhi	-	-	-	-
3. urea				
Haryana	6.64	2.92	38.91	37.25
Himachal Pradesh	12.06	2.75	25.35	20.45
Jammu & Kashmir	1.54	0.66	31.81	32.32
Punjab	14.23	15.26	36.76	34.40
Rajasthan	2.42	0.70	20.80	19.33
Uttar Pradesh	19.92	10.41	28.12	28.75
Delhi	0.96	2.21	24.71	16.07
4. mixed fertilisers				
Haryana	0.13	0.18	59.56	55.25
Himachal Pradesh	3.02	5.98	14.41	14.09
Jammu & Kashmir	0.90	0.39	47.76	39.06
Punjab	0.78	0.58	33.86	21.52
Rajasthan	0.15	0.10	22.92	24.39
Uttar Pradesh	1.50	0.88	31.07	28.02
Delhi	-	-	-	-
5. other fertilisers				
Haryana	4.27	1.88	43.06	26.22
Himachal Pradesh	2.10	2.58	22.18	13.17
Jammu & Kashmir	0.35	0.21	27.61	32.09
Punjab	8.26	4.00	60.50	33.93
Rajasthan	0.61	0.06	60.87	120.96
Uttar Pradesh	1.36	0.85	43.13	21.49
Delhi	9.87	10.72	50.48	32.12

with about 15 p.c. of gross area under that fertiliser. In Himachal Pradesh about 12 p.c. of the holdings reporting unirrigated crop used urea. In other states the use of  $\bar{x}$  fertiliser by unirrigated holdings was not widespread.

4.6 Table nos. (10.1) and (10.2) present in column (4) quantity of different fertilisers applied per acre of gross irrigated and unirrigated crops respectively. Similar data for three fertilisers viz. ammonium sulphate, urea and super phosphate broken down by size class of holdings have been presented for irrigated crops in Table nos. (12.1) and (12.2) below.

dd

4.7.0 Fertilizer use by size of holdings : Use of fertilizer by holdings in the different size class of holdings will now be considered. For this purpose discussion will be restricted to a few selected important crops like wheat in Haryana, rice in Jammu & Kashmir, wheat in Punjab and Rajasthan and wheat and rice in Uttar Pradesh for irrigated crops. All these tables have been built up from detailed tables given in the Appendix.

4.7.1 It may be worth mentioning that the same area under a particular crop or under different crops during the same reference period might have been treated with different types of chemical fertilizers. In such cases the area was reported against each fertilizer use. Therefore a holding reporting two or more fertilizers was counted against each fertilizer.

4.7.2 Haryana : It is seen from Table(11.1) that of 3.1 lakh holdings growing irrigated wheat about 39 percent holdings (or 1.2 lakh holdings) used urea. It is also seen that a substantial percentage of holdings were using urea compared to other fertilizers in the different size class of holdings.

4.7.3 Jammu & Kashmir : It is seen from Table (11.2) that of 2.9 lakh holdings growing irrigated rice about 36 percent holdings (or 1.0 lakh holdings) used urea. It is also seen that a substantial percentage of holdings were using urea compared to other fertilizers in the different size classes.

4.7.4 Punjab : It is seen from Table(11.3) that of 5.3 lakh holdings growing irrigated wheat about 63 percent holdings (or 3.2 lakh holdings) used urea. It is also seen that a substantial percentage of holdings were using urea compared to other fertilizers in the different size classes.

4.7.5 Rajasthan : It is seen from Table (11.4) that of 8.4 lakh holdings growing irrigated wheat about 21 percent holdings (or 1.8 lakh holdings) used urea. It is also seen that a substantial percentage of holdings of size class 7.50 acre or more were using urea compared to other fertilizers in the different size classes.

4.7.6 Uttar Pradesh : It is seen from Table (11.5) that of 81.9 lakh growing irrigated wheat about 47 percent holdings (or 38.4 lakh holdings) used urea. It is also seen from Table (11.6) that of 31.8 lakh holdings growing irrigated rice about 32 percent holdings used urea. It is also seen that a substantial percentage of holdings were using urea compared to other fertilizers for irrigated wheat and rice in the different size classes:

Table (11.1) : Percentage of holdings reporting wheat grown as irrigated crop using fertilizer : agricultural year 1970-71.

State : Maryana

Crop : Wheat

size class of operational holding (hectares)	no. of holdings reporting irrigated wheat(00)	Percentage of holdings reporting wheat using				
		ammo- sul- phate	super phos- phate	urea	mixed ferti- lizers	other chemical fertili- zers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	9	-	-	-	-	-
2. 0.21-0.40	24	-	41.67	72.92	-	-
3. 0.41-0.50	49	-	-	23.47	-	-
4. 0.51-1.00	220	-	-	49.09	-	-
5. 1.01-2.02	508	3.54	1.97	30.38	1.77	0.88
6. 2.03-3.03	632	2.85	0.79	27.16	-	7.44
7. 3.04-4.04	374	13.50	5.35	45.45	3.74	37.83
8. 4.05-5.05	299	11.37	-	43.65	-	21.91
9. 5.06-6.07	246	2.84	-	53.55	-	14.00
10. 6.08-8.09	338	8.44	2.96	47.11	-	7.41
11. 8.10-10.12	223	4.48	2.24	41.26	-	26.68
12. 10.13-12.14	62	-	16.13	35.48	-	66.13
13. 12.15-20.24	118	-	-	29.66	2.97	10.59
14. 20.25 & above	31	-	-	27.42	-	83.87
15. all sizes	3133	5.28	2.23	38.65	0.84	14.98

SNC.

Table (11.2) : Percentage of holdings reporting rice grown as irrigated crop using fertilizer : agricultural year 1970-71.

State : Jammu & Kashmir

Crop : Rice

size class of opera- tional holding (hectares)	no. of holdings reporting irrigated rice (00)	Percentage of holdings reporting rice using				
		ammo- nium sul- phate	super phos- phate	urea	mixed ferti- liser	other chemica fertili sers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	98	4.10	-	18.97	-	-
2. 0.21 -0.40	296	20.14	3.72	30.29	-	1.18
3. 0.41- 0.50	184	22.07	-	32.42	1.91	2.18
4. 0.51- 1.00	958	21.18	4.38	29.54	2.92	1.46
5. 1.01- 2.02	972	17.18	5.25	37.04	2.01	1.65
6. 2.03- 3.03	245	22.65	4.29	39.39	2.65	3.67
7. 3.04- 4.04	100	23.38	6.97	32.84	1.99	1.99
8. 4.05- 5.05	39	15.38	3.85	21.79	-	12.82
9. 5.06- 6.07	28	29.09	7.27	52.73	7.27	-
10. 6.08- 8.09	8	29.41	-	-	-	11.76
11. 8.10-10.12	-	-	-	-	-	-
12. 10.13-12.14	2	-	-	-	-	-
13. 12.15-20.24	-	-	-	-	-	-
14. 20.25-& above	-	-	-	-	-	-
15. all sizes	2930	19.45	4.27	36.16	2.10	1.86

SNC.

Table (11.3) : Percentage of holdings reporting wheat grown as irrigated crop using fertiliser : agricultural year 1970-71.

State : Punjab

Crop : Wheat

size class of operational holding (hectares)	no. of holdings reporting irrigated wheat(00)	Percentage of holdings reporting wheat using				
		ammo- nium sul- phate	super phos- phate	urea	mixed ferti- lisers	other chemical fertili- sers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	46	-	50.55	50.55	-	50.55
2. 0.21 -0.40	46	-	-	50.55	-	-
3. 0.41- 0.50	87	-	26.44	41.95	-	41.95
4. 0.51- 1.00	201	11.41	5.46	66.75	6.95	6.95
5. 1.01- 2.02	944	9.42	7.78	57.23	12.07	29.22
6. 2.03- 3.03	898	8.24	5.12	56.12	17.54	15.65
7. 3.04- 4.04	851	10.81	7.29	61.40	15.22	25.38
8. 4.05- 5.05	605	55.04	5.70	69.01	10.16	36.28
9. 5.06- 6.07	481	8.52	13.81	72.69	6.85	33.23
10. 6.08- 8.09	527	11.10	9.68	70.02	16.60	28.18
11. 8.10-10.12	282	5.31	5.84	69.03	24.25	29.20
12. 10.13-12.14	141	22.26	18.02	77.38	10.60	48.76
13. 12.15-20.24	180	17.55	5.01	71.03	10.58	38.44
14. 20.25 & above	42	-	-	42.86	17.86	39.29
15. all sizes	5331	9.16	8.27	63.22	13.26	27.60

SNC.



Table (11.4) : Percentage of holdings reporting wheat grown as irrigated crop using fertiliser : agricultural year 1970-71

State : Rajasthan

Crop : Wheat

size class of operational holding (hectares)	no. of holdings reporting irrigated wheat (00)	Percentage of holdings reporting wheat using				
		ammo-nium sul-phate	super phos-phate	urea	mixed ferti-lisers	other chemical fertili-sers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	212	-	-	-	-	-
2. 0.21 -0.40	68	-	-	-	-	-
3. 0.41- 0.50	148	-	-	-	-	-
4. 0.51- 1.00	825	-	9.33	9.33	-	-
5. 1.01- 2.02	1483	5.19	-	10.42	-	-
6. 2.03- 3.03	1836	4.19	4.19	16.26	-	-
7. 3.04- 4.04	818	-	-	32.64	10.51	-
8. 4.05- 5.05	890	11.64	-	35.41	-	1.12
9. 5.06- 6.07	568	1.76	-	28.08	-	5.19
10. 6.08- 8.09	610	4.26	1.64	25.74	-	-
11. 8.10-10.12	324	12.04	-	33.33	3.09	6.64
12. 10.13-12.14	144	-	-	37.98	10.80	-
13. 12.15-20.24	292	12.33	10.62	40.75	2.40	10.27
14. 20.25 & above	176	14.24	-	32.19	-	4.56
15. all sizes	8394	4.46	2.32	21.05	1.41	1.18

SNC.

Table (11.5) : Percentage of holdings reporting wheat grown as irrigated crop using fertilizer : agricultural year 1970-71.

State : Uttar Pradesh

Crop : Wheat

size class of operational holding (hectares)	no. of holdings reporting irrigated wheat(00)	Percentage of holdings reporting wheat using				
		ammo-nium sul-phate	super-phos-phate	urea	mixed ferti-lisers	other chemical fertili-sers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	4355	1.15		32.38	1.15	-
2. 0.21- 0.40	9155	2.08	1.91	38.94	2.84	3.06
3. 0.41- 0.50	4975	2.81	1.51	42.41	4.42	0.80
4. 0.51- 1.00	19115	2.01	1.96	46.72	3.11	3.98
5. 1.01- 2.02	24710	5.44	1.74	46.52	6.29	6.29
6. 2.03- 3.03	9420	4.14	0.96	53.93	6.58	5.36
7. 3.04- 4.04	4400	8.64	5.23	49.09	9.89	7.39
8. 4.05- 5.05	2405	6.86	2.70	61.95	10.60	10.40
9. 5.06- 6.07	1195	3.35	1.26	69.87	12.97	10.46
10. 6.08- 8.09	1200	4.58	2.50	67.08	20.83	7.08
11. 8.10-10.12	550	8.18	1.82	47.27	16.36	12.73
12. 10.13-12.14	160	6.25	6.25	65.62	12.50	
13. 12.15-20.24	245	6.12	-	75.51	4.08	32.65
14. 20.25 & above	45	22.22	22.22	22.22	33.33	44.44
15. all sizes	81930	3.93	1.85	46.92	5.53	5.00

SNC.

Table (11.6) : Percentage of holdings reporting rice grown as irrigated crop using fertilizer : agricultural year 1970-71

State : Uttar Pradesh

Crop : Rice

size class of operational holding (hectares)	no. of holdings reporting irrigated rice (00)	Percentage of holdings reporting rice using				
		ammo-nium sul-phate	super phos-phate	urea	mixed ferti-lisers	other chemical fertili-sers
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002-0.20	1880	5.59	-	26.86	-	-
2. 0.21- 0.40	2975	1.68	-	27.39	3.53	7.73
3. 0.41- 0.50	2090	3.59	3.59	23.68	5.50	0.72
4. 0.51- 1.00	7645	4.38	0.52	31.72	1.64	1.11
5. 1.01- 2.02	9075	5.18	-	30.52	2.26	1.54
6. 2.03- 3.03	3800	5.66	2.24	42.76	2.37	-
7. 3.04- 4.04	1895	8.18	5.80	39.05	4.75	4.22
8. 4.05- 5.05	900	5.56	-	46.67	3.89	1.11
9. 5.06- 6.07	555	15.37	-	27.03	3.60	1.80
10. 6.08- 8.09	565	5.31	6.19	46.90	13.27	1.77
11. 8.10-10.12	180	19.44	-	33.33	5.56	-
12. 10.13-12.14	120	-	-	58.33	-	-
13. 12.15-20.24	100	-	-	10.00	10.00	-
14. 20.25 & above	15	-	-	-	100.00	-
15. all sizes	31795	5.05	1.08	32.47	2.81	1.82

SNC.

4.8.0 Application rate by size of holdings: In Table No.(12.1) and (12.2) application rates of fertilizers, i.e. the quantity of a particular fertilizer applied per acre of gross irrigated area under all irrigated crops using that fertilizer are given for the states of Haryana, Jammu & Kashmir, Rajasthan, Punjab and Uttar Pradesh by size class of holdings for three fertilizers namely, ammonium sulphate, super phosphate and urea. It may be noted that the size classes of holdings for Haryana, Punjab & Rajasthan have been lumped up at the bottom end in consideration of the pattern of distribution of holdings in these states.

4.8.1 Ammonium sulphate : It is seen that the application rate of ammonium sulphate was high in all the size classes of holdings in the states Haryana, Punjab and Uttar Pradesh. In Rajasthan there was no definite trend.

4.8.2 Urea : In respect of urea in Punjab, small holdings applied this fertilizer rather intensively (78 kg.per acre) compared to the larger holdings. Similar was the case in other states.

4.8.3 Super phosphate : The application rate of super phosphate, it is observed, declined in Haryana with increase in holding size. In the other states there was no such definite pattern.

Table (12.1) : Application rates of chemical fertiliser by size of operational holding : agricultural year 1970-71.

all irrigated crops

size class of operational holding (acres)	quantity of fertiliser (0.00 kg) per acre of gross irrigated area under crops					
	ammonium sulphate		super phosphate		urea	
	Uttar Pradesh	Jammu & Kashmir	Uttar Pradesh	Jammu & Kashmir	Uttar Pradesh	Jammu & Kashmir
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.01- 0.99	70.36	58.33	23.81	80.16	42.25	53.07
2. 1.00- 2.49	58.44	42.70	36.10	19.49	37.73	37.32
3. 2.50- 4.99	45.57	26.38	34.26	42.96	37.67	29.03
4. 5.00- 9.99	31.84	25.42	40.70	34.40	35.10	29.17
5. 10.00-14.99	33.58	44.57	36.28	34.44	43.09	25.33
6. 15.00 & above	39.55	42.42	29.36	-	39.57	-
7. all sizes	41.23	32.24	36.51	37.52	38.03	31.36

Table (12.2) : Application rates of chemical fertiliser by size of operational holding : agricultural year 1970-71.

size class of operational holding (acres)	quantity of fertiliser (0.00 kg.) per acre of gross irrigated area under crop								
	ammonium sulphate			super phosphate			urea		
	Har- yana	Pun- jab	Rajas- than	Har- yana	Pun- jab	Rajas- than	Har- yana	Pun- jab	Rajas- than
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. 0.01- 2.49	60.11	43.42	-	90.20	67.48	47.38	44.88	78.41	31.86
2. 2.50- 4.99	50.55	53.51	1.00	54.08	64.17	-	54.07	57.96	23.88
3. 5.00- 7.49	39.48	49.83	24.72	17.35	70.12	19.62	52.16	58.98	42.40
4. 7.50- 9.99	93.27	36.15	0.57	16.72	70.02	-	51.91	60.53	24.77
5. 10.00-14.99	38.66	49.92	16.06	-	70.41	-	55.36	50.91	34.65
6. 15.00-24.99	61.19	58.75	18.61	22.77	87.62	42.83	49.58	57.29	34.16
7. 25.00 & above	-	60.42	8.63	37.42	67.83	19.16	51.65	50.97	27.28
8. all sizes	52.90	52.38	12.94	22.77	74.13	32.60	51.86	55.62	30.95

4.9.0 Application rate of nitrogen & phosphorus : In the survey no separate data on area solely treated with a particular brand of fertilizer were collected. However, since both ammonium sulphate and urea are nitrogenous fertiliser, it is unlikely that both of these were used on the same crop. Under this assumption application rates, i.e. nutrient applied per acre of gross irrigated area under crops using the fertilizer, for Nitrogen and Phosphorus for the states of Haryana, Jammu & Kashmir, Rajasthan, Punjab and Uttar Pradesh are presented in Table Nos. (13.1), (13.2) (13.3) and (13.4).

4.9.1. In respect of nitrogenous nutrient the application rates in Haryana and Punjab were much higher than in the other states. In respect of phosphoric nutrient the application rate in Punjab was highest being 11.85 kg. per acre. In the different size classes of holdings also this rate remained more or less static.

SNC.

Table (13.1) : Application rate of nitrogen and phosphorus nutrients by size of operational holding : agricultural year 1970-71.

size class of operational holding (acres)	nitrogen nutrient(0.00kg) per acre of gross irrigated area using ammonium sulphate and urea.		phosphorus nutrient(0.00 k per acre of gross irrigate area using super phosphate	
	Uttar Pradesh	Jammu & Kashmir	Uttar Pradesh	Jammu Keshmi
(1)	(2)	(3)	(4)	(5)
1. 0.01 - 0.99	18.98	19.76	3.81	12.83
2. 1.00 - 2.49	17.00	14.32	5.78	3.12
3. 2.50 - 4.99	16.18	10.97	5.48	6.87
4. 5.00 - 9.99	15.17	10.31	6.51	5.50
5. 10.00 -14.99	18.61	10.63	5.80	5.51
6. 15.00 & above	17.22	8.74	4.70	-
7. all sizes	16.53	11.77	5.84	6.00

Table (13.2) : Application rate of nitrogen and phosphorus nutrients by size of operational holding : agricultural year 1970-71.

size class of operational holding (acres)	nitrogen nutrients(0.00 kg) per acre of gross irrigated area using ammonium sulphate or urea *			phosphorus nutrient(0.00 per acre of gross irriga ted area using super pho phate **		
	Har- yana	Pun- jab	Rajas- than	Har- yana	Pun- jab	Rajas- than
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.01- 2.49	20.26	36.92	14.65	14.43	10.80	7.58
2. 2.50- 4.99	23.87	23.61	9.96	8.65	10.27	-
3. 5.00- 7.49	22.97	25.26	17.24	2.78	11.22	3.14
4. 7.50- 9.99	23.46	24.86	9.67	2.68	11.20	-
5. 10.00-14.99	22.42	22.30	13.01	-	11.26	-
6. 15.00-24.99	21.72	25.03	13.85	3.64	14.02	6.85
7. 25.00 & above	23.76	21.66	10.89	5.99	10.85	3.06
8. all sizes	22.56	23.79	12.27	3.64	11.86	3.62

\* assuming that since both ammonium sulphate and urea supply the same nutrient, they were not applied on the same crop during the referen period(urea contains 46% of N and ammonium sulphate contains 20.6% of N)

\*\* super phosphate contains 16% of P<sub>2</sub>O<sub>5</sub>

Table (13.3) : Application rate of nitrogen and phosphorus nutrients by size of operational holding : agricultural year 1970-71.

9. size class of operational holding (hectare)	nitrogen nutrient(0.00 kg) per hectare of gross irrigated area using ammonium sulphate and urea *		phosphorus nutrient (0.00 kg) per acre of gross irrigated area using super phosphate**	
	Uttar Pradesh	Jammu & Kashmir	Uttar Pradesh	Jammu & Kashmir
(1)	(2)	(3)	(4)	(5)
1. 0.002- 0.40	46.90	48.83	9.41	31.70
2. 0.41 - 1.00	42.01	35.38	14.28	7.71
3. 1.01 - 2.02	39.98	27.11	13.54	16.98
4. 2.03 - 4.04	37.49	25.48	16.09	13.59
5. 4.05 - 6.07	45.99	26.27	14.33	13.62
6. 6.08 & above	42.55	21.60	11.61	-
7. all sizes	40.85	29.08	14.43	14.83

Table (13.4) : Application rate of nitrogen and phosphorus nutrients by size of operational holding : agricultural year 1970-71.

size class of operational holding (hectare)	nitrogen nutrients(0.00 kg) per hectare of gross irrigated area using ammonium sulphate and urea *			phosphorus nutrient(0.00 kg) per hectare of gross irrigated area using super phosphate **		
	Hary-ana	Punjab	Rajas-then	Hary-ana	Punjab	Rajas-then
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1. 0.002- 1.00	50.06	91.23	36.20	35.66	26.69	18.73
2. 1.01 - 2.02	58.98	58.34	24.61	21.37	25.38	-
3. 2.03 - 3.03	56.76	62.42	42.60	6.87	27.72	7.76
4. 3.04- 4.04	57.97	61.43	23.89	6.62	27.68	-
5. 4.05 - 6.07	55.40	55.10	32.15	-	27.82	-
6. 6.08 -10.12	53.67	61.85	34.22	8.99	34.64	16.93
7. 10.13 & above	58.71	53.52	26.91	14.80	26.81	7.56
8. all sizes	55.75	58.79	30.32	8.99	29.31	8.95

\* see foot note pp

\*\*see foot note pp



APPENDIX  
LIST OF TABLES

FERTILISER USE IN AGRICULTURAL HOLDINGS: HARYANA, HIMACHAL PRADESH,  
JAMMU & KASHMIR, PUNJAB, RAJASTHAN, UTTAR PRADESH AND DELHI

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Note : 1. The tables have been presented separately by "irrigated crops" and "unirrigated crops". The results are given only for important crops. The contribution of the unimportant crops has, however, been taken into account in the tables giving "all crops combined". "Other crops commodities" includes crops other than rice, jowar, maize, ragi, wheat, barley, other cereals, gram, tur, other pulses, sugarcane, cotton, jute, other fibres, rape and mustard, groundnut, sesamum, other oil seeds, tobacco and spices and condiments.

2. The size classes considered are :

sr. no.	acres	hectares	sr. no.	acres	hectares
1.	*0.01 - 0.49	0.002 - 0.20	8.	10.00 - 12.49	4.05 - 5.05
2.	0.50 - 0.99	0.21 - 0.40	9.	12.50 - 14.99	5.06 - 6.07
3.	1.00 - 1.24	0.41 - 0.50	10.	15.00 - 19.99	6.08 - 8.09
4.	1.25 - 2.49	0.51 - 1.00	11.	20.00 - 24.99	8.10 - 10.12
5.	2.50 - 4.99	1.01 - 2.02	12.	25.00 - 29.99	10.13 - 12.14
6.	5.00 - 7.49	2.03 - 3.03	13.	30.00 - 49.99	12.15 - 20.24
7.	7.50 - 9.99	3.04 - 4.04	14.	50.00 & above	20.25 & above

( \* holdings exceeding 0.005 acre are included here )

32.1 acre = 0.4047 hectare

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Table (1.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Haryana

size class of operational holding (acres)		crop : rice	
		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49		
2.	0.50 - 0.99		
3.	1.00 - 1.24	18	14
4.	1.25 - 2.49	84	86
5.	2.50 - 4.99	122	160
6.	5.00 - 7.49	116	282
7.	7.50 - 9.99	122	533
8.	10.00 - 12.49	115	528
9.	12.50 - 14.99	78	370
10.	15.00 - 19.99	104	658
11.	20.00 - 24.99	51	372
12.	25.00 - 29.99	14	72
13.	30.00 - 49.99	11	140
14.	50.00 & above	5	220
15.	all sizes	840	3435

mb

Table (1.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops, by size class of operational holdings

State : Haryana

			crop : bajra	
size class of operational holding (acres)			estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)	(2)	(3)		
1.	0.01 - 0.49		9	2
2.	0.50 - 0.99		29	14
3.	1.00 - 1.24			
4.	1.25 - 2.49		60	56
5.	2.50 - 4.99		234	384
6.	5.00 - 7.49		248	701
7.	7.50 - 9.99		145	504
8.	10.00 - 12.49		150	440
9.	12.50 - 14.99		41	164
10.	15.00 - 19.99		104	420
11.	20.00 - 24.99		121	696
12.	25.00 - 29.99		26	160
13.	30.00 - 49.99		52	351
14.	50.00 & above		17	157
15.	all sizes		1236	4049

Table (1.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Haryana

size class of operational holding (acres)		crop : wheat	
		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)	(2)	(3)	
1. 0.01 - 0.49	9	4	
2. 0.50 - 0.99	24	12	
3. 1.00 - 1.24	49	39	
4. 1.25 - 2.49	220	316	
5. 2.50 - 4.99	508	1126	
6. 5.00 - 7.49	632	1876	
7. 7.50 - 9.99	374	1642	
8. 10.00 - 12.49	299	1344	
9. 12.50 - 14.99	246	1204	
10. 15.00 - 19.99	338	2508	
11. 20.00 - 24.99	223	1763	
12. 25.00 - 29.99	62	670	
13. 30.00 - 49.99	118	1167	
14. 50.00 & above	31	465	
15. all sizes	3133	14136	

mb

Table (1.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Haryana

size class of operational holding (acres)	crop : all crops combined	
	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)	(2)	(3)
1. 0.01 - 0.49	36	10
2. 0.50 - 0.99	86	57
3. 1.00 - 1.24	76	96
4. 1.25 - 2.49	229	684
5. 2.50 - 4.99	616	2832
6. 5.00 - 7.49	733	5182
7. 7.50 - 9.99	422	4386
8. 10.00 - 12.49	339	3900
9. 12.50 - 14.99	254	2913
10. 15.00 - 19.99	388	6220
11. 20.00 - 24.99	263	4706
12. 25.00 - 29.99	67	1602
13. 30.00 - 49.99	140	3250
14. 50.00 & above	36	1514
15. all sizes	3685	37352

mb



Table (1.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Haryana

			crop : bajra	
size class of operational holding (acres)			estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)			(2)	(3)
1.	0.01	- 0.49	20	2
2.	0.50	- 0.99	78	36
3.	1.00	- 1.24	29	29
4.	1.25	- 2.49	274	373
5.	2.50	- 4.99	378	764
6.	5.00	- 7.49	566	2086
7.	7.50	- 9.99	162	578
8.	10.00	- 12.49	264	1403
9.	12.50	- 14.99	128	553
10.	15.00	- 19.99	198	1784
11.	20.00	- 24.99	150	1374
12.	25.00	- 29.99	61	736
13.	30.00	- 49.99	96	1642
14.	50.00	& above	21	773
15.	all sizes		2425	12133

mb

Table (1.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Haryana

size class of operational holding (acres)		crop : wheat	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)	(2)	(3)	
1. 0.01 - 0.49			
2. 0.50 - 0.99	9	6	
3. 1.00 - 1.24	22	21	
4. 1.25 - 2.49	86	106	
5. 2.50 - 4.99	198	434	
6. 5.00 - 7.49	184	494	
7. 7.50 - 9.99	114	382	
8. 10.00 - 12.49	97	402	
9. 12.50 - 14.99	102	472	
10. 15.00 - 19.99	85	559	
11. 20.00 - 24.99	42	236	
12. 25.00 - 29.99	14	18	
13. 30.00 - 49.99	14	171	
14. 50.00 & above	10	129	
15. all sizes	977	3430	

mb

Table (1.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Haryana

sizes class of operational holding (acres)		crop : gram	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49		
2.	0.50 - 0.99	69	29
3.	1.00 - 1.24	34	28
4.	1.25 - 2.49	139	222
5.	2.50 - 4.99	228	466
6.	5.00 - 7.49	387	1088
7.	7.50 - 9.99	170	540
8.	10.00 - 12.49	224	832
9.	12.50 - 14.99	184	1140
10.	15.00 - 19.99	218	1133
11.	20.00 - 24.99	162	1166
12.	25.00 - 29.99	52	797
13.	30.00 - 49.99	116	1350
14.	50.00 & above	24	556
15.	all sizes	2007	9347

**mb**

Table (1.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Haryana

		crop : all crops combined	
size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49	56	5
2.	0.50 - 0.99	108	93
3.	1.00 - 1.24	62	128
4.	1.25 - 2.49	389	948
5.	2.50 - 4.99	558	2532
6.	5.00 - 7.49	786	5156
7.	7.50 - 9.99	306	2376
8.	10.00 - 12.49	426	3660
9.	12.50 - 14.99	278	3189
10.	15.00 - 19.99	330	4542
11.	20.00 - 24.99	236	4016
12.	25.00 - 29.99	68	1884
13.	30.00 - 49.99	163	4348
14.	50.00 & above	30	1884
15.	all sizes	3796	34761

Table (1.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crops

State : Haryana		all irrigated crops				
crop	estimated quantity of fertiliser applied (tonnes)					
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers	
(1)	(2)	(3)	(4)	(5)	(6)	
1. rice	1045	-	13615	221	1352	
2. jowar	223	-	877	-	252	
3. bajra	291	-	1481	-	684	
4. maize	485	50	1041	87	910	
5. wheat	3803	572	32604	1172	9004	
6. barley	62	-	813	-	123	
7. other cereals	-	-	137	-	-	
8. gram	206	-	159	-	88	
9. tur	-	-	35	-	-	
10. other pulses	-	-	49	23	35	
11. sugarcane	776	100	2462	37	601	
12. cotton	-	-	5180	374	1157	
13. rape & mustard	16	50	746	-	-	
14. ground-nut	-	-	66	-	35	
15. other oil-seeds	-	-	173	-	270	
16. spices & condiments	24	-	139	-	-	
17. other crop commodities	65	25	2313	48	611	
18. all crops	6996	797	61890	1962	15122	

Table (1.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops separately by crops.

State : Haryana

all unirrigated crops

crop	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	-	-	227	-	351
2. jowar	-	401	160	-	146
3. bajra	-	818	436	-	459
4. maize	-	-	995	98	940
5. wheat	135	825	1263	244	439
6. barley	222	100	-	-	-
7. gram	87	907	269	-	50
8. other pulses	-	622	-	36	35
9. sugarcane	83	-	269	-	106
10. rape & mustard	-	8	90	-	-
11. groundnut	-	-	49	-	24
12. other oilseeds	-	-	-	-	69
13. spices & condiments	-	-	58	-	-
14. other crop commodities	-	125	139	-	189
15. all crops	527	3806	3955	378	2808

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

Crop : rice

size class of operational holdings (acres)	ammonium sulphate				urea			
	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs)
	(00)	(3)	(4)	(5)	(00)	(7)	(8)	(9)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	9	9	451	424
4. 1.25 - 2.49	9	4	226	288	62	70	2876	2732
5. 2.50 - 4.99	-	-	-	-	54	84	3922	3498
6. 5.00 - 7.49	-	-	-	-	51	170	7630	6827
7. 7.50 - 9.99	-	-	-	-	88	345	20566	19145
8. 10.00 - 12.49	27	78	3395	2912	68	354	23840	21785
9. 12.50 - 14.99	-	-	-	-	71	342	18186	17274
10. 15.00 - 19.99	10	124	6832	6422	73	496	25986	24254
11. 20.00 - 24.99	-	-	-	-	39	352	16104	15611
12. 25.00 - 29.99	-	-	-	-	10	53	4656	4343
13. 30.00 - 49.99	-	-	-	-	5	20	976	762
14. 50.00 & above	-	-	-	-	5	220	10980	10980
15. all sizes	46	206	14453	9622	535	2515	136153	127635

Table (1.5) Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

crop : rice

size class of operational holdings (acres)	mixed fertilisers				other fertilisers			
	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	9	4	226	135	12	64	2548	1438
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	18	24	1984	1776	9	6	1352	812
6. 5.00 - 7.49	-	-	-	-	21	50	1506	1199
7. 7.50 - 9.99	-	-	-	-	7	26	1214	680
8. 10.00 - 12.49	-	-	-	-	7	10	347	194
9. 12.50 - 14.99	-	-	-	-	7	18	694	388
10. 15.00 - 19.99	-	-	-	-	14	123	3416	2113
11. 20.00 - 24.99	-	-	-	-	10	52	1952	1620
12. 25.00 - 29.99	-	-	-	-	5	20	488	274
13. 30.00 - 49.99	-	-	-	-	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	27	28	2210	1911	92	369	13517	8718



Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

crop : bajra

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
1. ammonium sulphate				
1. 0.01 - 2.49	-	-	-	-
2. 2.50 - 4.99	9	18	902	676
3. 5.00 - 9.99	-	-	-	-
4. 10.00 - 12.49	20	80	2007	2488
5. 12.50 & above	-	-	-	-
6. all sizes	29	98	2909	3164
2. urea				
1. 0.01 - 2.49	-	-	-	-
2. 2.50 - 4.99	19	49	2458	2430
3. 5.00 - 7.49	18	18	902	812
4. 7.50 - 9.99	20	120	6021	6021
5. 10.00 - 12.49	7	14	694	652
6. 12.50 - 14.99	-	-	-	-
7. 15.00 - 19.99	22	31	1806	1723
8. 20.00 - 24.99	5	20	2684	2440
9. 25.00 - 29.99	5	5	244	224
10. 30.00 & above	-	-	-	-
11. all sizes	96	257	14809	14302
3. other fertilisers				
1. 0.01 - 4.99	-	-	-	-
2. 5.00 - 7.49	40	140	4014	2408
3. 7.50 - 19.99	-	-	-	-
4. 20.00 - 24.99	9	48	2636	1582
5. 25.00 - 29.99	4	6	187	112
6. 30.00 & above	-	-	-	-
7. all sizes	53	194	6837	4102

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers used in different crops in different size class of operational holdings

State : Haryana		crop: wheat							
size class of operational holdings (acres)		ammonium sulphate				super phosphate			
		no. of holdings reporting (00)	area (00 acres)	quantity (00kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1.	0.01 - 0.49	-	-	-	-	-	-	-	
2.	0.50 - 0.99	-	-	-	10	5	481	252	
3.	1.00 - 1.24	-	-	-	-	-	-	-	
4.	1.25 - 2.49	-	-	-	-	-	-	-	
5.	2.50 - 4.99	18	36	1803	10	25	1352	1352	
6.	5.00 - 7.49	18	52	2254	5	20	347	166	
7.	7.50 - 9.99	50	136	12617	20	105	2007	2730	
8.	10.00 - 12.49	34	129	6096	-	-	-	-	
9.	12.50 - 14.99	7	21	347	-	-	-	-	
10.	15.00 - 19.99	28	250	10882	10	20	439	544	
11.	20.00 - 24.99	10	78	4026	5	10	244	224	
12.	25.00 - 29.99	-	-	-	10	25	878	492	
13.	30.00 - 49.99	-	-	-	-	-	-	-	
14.	50.00 & above	-	-	-	-	-	-	-	
15.	all sizes	165	702	38025	70	210	5718	5760	

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

crop : wheat

size class of operational holdings (acres)		urea			mixed fertilisers				
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	0.01 - 0.49	-	-	-	-	-	-	-	-
2.	0.50 - 0.99	18	7	866	868	-	-	-	-
3.	1.00 - 1.24	12	35	1671	628	-	-	-	-
4.	1.25 - 2.49	108	148	6362	6127	-	-	-	-
5.	2.50 - 4.99	154	366	20160	102860	9	24	2074	2074
6.	5.00 - 7.49	172	490	28460	23686	-	-	-	-
7.	7.50 - 9.99	170	787	38732	35010	14	96	5899	5684
8.	10.00 - 12.49	130	664	39990	38126	-	-	-	-
9.	12.50 - 14.99	132	748	38618	33938	-	-	-	-
10.	15.00 - 19.99	159	1232	63638	58527	-	-	-	-
11.	20.00 - 24.99	92	640	35455	29704	-	-	-	-
12.	25.00 - 29.99	22	228	13073	12242	-	-	-	-
13.	30.00 - 49.99	35	392	26442	24826	4	26	3745	3446
14.	50.00 & above	8	296	12624	11546	-	-	-	-
15.	all sizes	1212	6033	326041	378086	27	146	11718	11204

Table(1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilisers and crop irrigated by size class of operational holdings

State : Haryana		crop : wheat			
size class of operational holdings (acres)	other fertiliser				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	
(1)	(18)	(19)	(20)	(21)	
1. 0.01	-	-	-	-	
2. 1.25	4	14	451	252	
3. 2.50	47	121	2956	1510	
4. 5.00	142	407	17390	13015	
5. 7.50	66	271	8752	6299	
6. 10.00	34	136	6246	3540	
7. 12.50	25	126	4447	2570	
8. 15.00	60	308	18153	10744	
9. 20.00	41	285	15690	12590	
10. 25.00	12	158	2506	1504	
11. 30.00	26	182	12081	9616	
12. 50.00 & above	12	16	1368	808	
13. all sizes	469	2114	90040	62508	

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	10	5	451	252
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	9	18	1082	1010	-	-	-	-
5. 2.50 - 4.99	18	54	2704	1857	10	25	1352	1352
6. 5.00 - 7.49	18	68	2704	1911	5	20	347	166
7. 7.50 - 9.99	50	139	12964	7750	20	240	4014	5459
8. 10.00 - 12.49	41	572	22561	22336	-	-	-	-
9. 12.50 - 14.99	7	21	347	194	-	-	-	-
10. 15.00 - 19.99	33	444	22350	19071	10	20	439	544
11. 20.00 - 24.99	10	7	5246	3030	5	10	244	224
12. 25.00 - 29.99	-	-	-	-	15	30	1122	726
13. 30.00 - 49.99	-	-	-	-	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	186	1323	69958	57159	75	350	7969	8723

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana		crop		all-crops combined					
size class of operational holdings (acres)		urea		mixed fertiliser					
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1.	0.01 - 0.49	-	-	-	-	-	-	-	-
2.	0.50 - 0.99	18	7	866	866	-	-	-	-
3.	1.00 - 1.24	30	112	4196	3042	9	9	451	226
4.	1.25 - 2.49	108	254	11678	11272	-	-	-	-
5.	2.50 - 4.99	192	725	39198	120892	18	68	4508	4300
6.	5.00 - 7.49	202	994	51849	44062	-	-	-	-
7.	7.50 - 9.99	172	-	73588	68228	21	110	6801	6794
8.	10.00 - 12.49	135	1352	80359	75916	-	-	-	-
9.	12.50 - 14.99	137	1456	75050	67612	-	-	-	-
10.	15.00 - 19.99	168	2405	11871	110066	-	-	-	-
11.	20.00 - 24.99	117	1405	70076	62986	-	-	-	-
12.	25.00 - 29.99	31	447	22956	21682	-	-	-	-
13.	30.00 - 49.99	47	716	41236	38258	4	108	7864	7236
14.	50.00 & above	14	644	29137	26756	-	-	-	-
15.	all sizes	1371	11934	618900	6651633	52	295	19624	18556

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Haryana

crop : all crops combined

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(1b)	(1c)	(2)	(3)
1. 0.01 - 0.49	2	-	-	-
2. 0.50 - 0.99	-	-	-	-
3. 1.00 - 1.24	12	128	4120	2366
4. 1.25 - 2.49	14	14	451	252
5. 2.50 - 4.99	65	136	5750	3208
6. 5.00 - 7.49	204	828	32813	22414
7. 7.50 - 9.99	80	342	13957	9193
8. 10.00 - 22.49	62	203	10372	6408
9. 12.50 - 14.99	46	285	10000	5760
10. 15.00 - 19.99	88	715	28999	17603
11. 20.00 - 24.99	72	78	23494	18150
12. 25.00 - 29.99	24	250	5338	3134
13. 30.00 - 49.99	28	269	14555	11792
14. 50.00 & above	12	16	1368	808
15. all sizes	707	3664	151217	101088

Table (1.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Haryana

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 2.49	-	-	-	-	-	-	-	-
2. 2.50 - 4.99	-	-	-	-	20	164	13487	10376
3. 5.00 - 7.49	9	55	2704	1514	20	232	13126	8410
4. 7.50 - 9.99	7	14	347	166	-	-	-	-
5. 10.00 - 12.49	7	34	1735	972	7	76	11451	8244
6. 12.50 - 14.99	-	-	-	-	-	-	-	-
7. 15.00 - 19.99	5	10	488	488	-	-	-	-
8. 20.00 & above	-	-	-	-	-	-	-	-
9. all sizes	28	113	5274	3140	47	472	38064	27030



Table (1.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilisers and crop unirrigated by size class of operational holdings

State : Haryana

crop : all crops combined

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	9	9	451	424	-	-	-	-
4. 1.25 - 2.49	18	16	612	776	-	-	-	-
5. 2.50 - 4.99	40	90	4408	4526	-	-	-	-
6. 5.00 - 7.49	27	152	4416	4246	-	-	-	-
7. 7.50 - 9.99	29	130	5760	4810	-	-	-	-
8. 10.00 - 12.49	34	85	4300	4106	-	-	-	-
9. 12.50 - 14.99	32	64	3189	3142	-	-	-	-
10. 15.00 - 19.99	43	337	9626	9489	5	-	3782	3508
11. 20.00 - 24.99	20	134	6588	6344	-	-	-	-
12. 25.00 & above	-	-	-	-	-	-	-	-
13. all sizes	252	1017	39554	37863	5	64	3782	3508

Table (1.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Haryana

crop : all crops combined

size class of operational holdings (acres)		other fertilisers			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)		(18)	(19)	(20)	(21)
1.	0.01 - 0.49	-	-	-	-
2.	0.50 - 0.99	-	-	-	-
3.	1.00 - 1.24	10	8	451	252
4.	1.25 - 2.49	-	-	-	-
5.	2.50 - 4.99	25	33	2161	1384
6.	5.00 - 7.49	21	90	4210	2353
7.	7.50 - 9.99	16	34	786	458
8.	10.00 - 12.49	28	86	3644	3227
9.	12.50 - 14.99	19	62	2917	1119
10.	15.00 - 19.99	28	225	8296	4792
11.	20.00 - 24.99	10	53	2440	1757
12.	25.00 - 29.99	-	-	-	-
13.	30.00 - 49.99	5	63	3172	1757
14.	50.00 & above	-	-	-	-
15.	all sizes	162	654	28077	17099

Table (1.3) : Estimated number of Holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

state : Haryana		crop : bajra			
size class of operational holdings (acres)		no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	
<u>1. super phosphate</u>					
1.	0.01 - 2.49	-	-	-	-
2.	2.50 - 4.99	20	40	2007	1505
3.	5.00 - 7.49	20	40	2007	1505
4.	7.50 - 9.99	-	-	-	-
5.	10.00 - 12.49	7	28	4164	2998
6.	12.50 & above	-	-	-	-
7.	all sizes	47	108	8178	6008
<u>2. urea</u>					
1.	0.01 - 1.24	-	-	-	-
2.	1.25 - 2.49	9	9	451	432
3.	2.50 - 4.99	4	2	117	108
4.	5.00 - 7.49	18	27	226	198
5.	7.50 - 9.99	7	20	694	680
6.	10.00 - 12.49	20	18	1004	1004
7.	12.50 - 14.99	-	-	-	-
8.	15.00 - 19.99	9	88	1625	817
9.	20.00 - 24.99	5	10	244	234
10.	25.00 & above	-	-	-	-
11.	all sizes	72	174	4361	3473
<u>3. other fertilisers</u>					
1.	0.01 - 7.49	-	-	-	-
2.	7.50 - 9.99	9	26	439	264
3.	10.00 - 14.99	-	-	-	-
4.	15.00 - 19.99	5	74	3172	1830
5.	20.00 - 24.99	5	22	976	546
6.	25.00 & above	-	-	-	-
7.	all sizes	19	122	4587	2640

Table (1.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and size class of operational holdings.

state : Haryana

crop : wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>1. Ammonium sulphate</u>				
1. 5.00 - 7.49	9	36	1352	758
2. all sizes	9	36	1352	758
<u>2. super phosphate</u>				
1. 5.00 - 7.49	20	40	2007	964
2. 10.00 - 12.49	7	42	6246	4497
3. all sizes	27	82	8253	5461
<u>3. urea</u>				
1. 0.01 - 0.99	-	-	-	-
2. 1.00 - 1.24	9	9	451	424
3. 1.25 - 2.49	9	4	180	172
4. 2.50 - 4.99	27	64	2930	2966
5. 5.00 - 7.49	18	44	226	190
6. 7.50 - 9.99	7	48	2429	2234
7. 10.00 - 12.49	7	19	694	638
8. 12.50 - 14.99	20	40	2007	2007
9. 15.00 - 19.99	14	126	3709	4988
10. 20.00 & above	-	-	-	-
11. all sizes	111	354	12626	13619
<u>4. mixed fertilisers</u>				
1. 15.00 - 19.99	5	34	2440	2352
2. all sizes	5	34	2440	2352
<u>other fertilisers</u>				
1. 2.50 - 4.99	7	11	868	486
2. 5.00 - 7.49	8	30	1506	838
3. 10.00 - 12.49	7	22	694	860
4. 12.50 - 14.99	7	17	347	202
5. 15.00 - 19.99	10	20	976	556
6. all sizes	39	100	4391	2942

Table (1.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

state : Haryana		crop : gram		
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<b>1. ammonium sulphate</b>				
1. 0.01 - 9.99	-	-	-	-
2. 10.00 - 12.49	7	18	868	486
3. 12.50 & above	-	-	-	-
4. all sizes	7	18	868	486
<b>2. super phosphate</b>				
1. 0.01 - 2.49	-	-	-	-
2. 2.50 - 4.99	20	40	4014	2509
3. 5.00 - 7.49	20	40	4014	2509
4. 7.50 - 9.99	-	-	-	-
5. 10.00 - 12.49	7	7	1041	750
6. 12.50 & above	-	-	-	-
7. all sizes	47	87	9069	5768
<b>3. urea</b>				
1. 0.01 - 4.99	-	-	-	-
2. 5.00 - 7.49	9	18	631	577
3. 7.50 - 9.99	7	20	694	560
4. 10.00 - 14.99	-	-	-	-
5. 15.00 - 19.99	14	51	1366	952
6. 20.00 & above	-	-	-	-
7. all sizes	30	89	2691	2089
<b>4. other fertilisers</b>				
1. 0.01 - 2.49	-	-	-	-
2. 2.50 - 4.99	9	7	496	451
3. 5.00 & above	-	-	-	-
4. all sizes	9	7	496	451

Table (2.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings.

State : Himachal Pradesh

crop : rice

	size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	14	4
2.	0.50 - 0.99	42	19
3.	1.00 - 1.24	28	18
4.	1.25 - 2.49	231	186
5.	2.50 - 4.99	130	164
6.	5.00 - 7.49	81	108
7.	7.50 - 9.99	32	40
8.	10.00 - 12.49	25	26
9.	12.50 - 14.99	7	2
10.	15.00 - 19.99	22	18
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	612	585

Table (2.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings.

State : Himachal Pradesh

crop : Maize

	size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	14	10
3.	1.00 - 1.24	14	14
4.	1.25 - 2.49	70	44
5.	2.50 - 4.99	84	76
6.	5.00 - 7.49	42	62
7.	7.50 - 9.99	14	19
8.	10.00 - 12.49	22	36
9.	12.50 - 14.99	4	2
10.	15.00 - 19.99	10	6
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	4	60
13.	30.00 - 49.99	7	21
14.	50.00 & above	-	-
15.	all sizes	285	350

Table (2.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Himachal Pradesh crop : Wheat

	size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	28	9
2.	0.50 - 0.99	56	29
3.	1.00 - 1.24	28	22
4.	1.25 - 2.49	189	180
5.	2.50 - 4.99	156	198
6.	5.00 - 7.49	78	121
7.	7.50 - 9.99	22	56
8.	10.00 - 12.49	18	35
9.	12.50 - 14.99	10	16
10.	15.00 - 19.99	18	24
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	4	45
13.	30.00 - 49.99	7	23
14.	50.00 & above	-	-
15.	all sizes	614	758

Table (2.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings.

State : Himachal Pradesh Crop: all crops combined

	size class of operational holdings (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	42	19
2.	0.50 - 0.99	56	60
3.	1.00 - 1.24	28	63
4.	1.25 - 2.49	287	450
5.	2.50 - 4.99	234	565
6.	5.00 - 7.49	120	372
7.	7.50 - 9.99	39	130
8.	10.00 - 12.49	36	124
9.	12.50 - 14.99	10	53
10.	15.00 - 19.99	22	50
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	4	142
13.	30.00 - 49.99	7	108
14.	50.00 & above	-	-
15.	all sizes	885	2136

Table (2.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Himachal Pradesh

crop : maize

	size class of operational holdings (acres)	estimated number of holdings reporting (00)-	gross area unirrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	242	56
2.	0.50 - 0.99	224	108
3.	1.00 - 1.24	182	138
4.	1.25 - 2.49	872	902
5.	2.50 - 4.99	780	1490
6.	5.00 - 7.49	332	836
7.	7.50 - 9.99	135	491
8.	10.00 - 12.49	95	458
9.	12.50 - 14.99	54	413
10.	15.00 - 19.99	54	566
11.	20.00 - 24.99	4	34
12.	25.00 - 29.99	7	38
13.	30.00 - 49.99	10	48
14.	50.00 & above	4	200
15.	all sizes	3002	5578

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Table (2.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Himachal Pradesh

crop : Wheat

	size class of operational holdings (acres)	estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	214	49
2.	0.50 - 0.99	182	97
3.	1.00 - 1.24	196	132
4.	1.25 - 2.49	914	984
5.	2.50 - 4.99	740	1340
6.	5.00 - 7.49	332	882
7.	7.50 - 9.99	135	523
8.	10.00 - 12.49	106	518
9.	12.50 - 14.99	42	346
10.	15.00 - 19.99	57	424
11.	20.00 - 24.99	4	34
12.	25.00 - 29.99	7	46
13.	30.00 - 49.99	10	44
14.	50.00 & above	4	200
15.	all sizes	2943	5619

SNC.

Table (2.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings.

State : Himachal Pradesh      crop : all crops combined

	size class of operational holdings (acres)	estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
	(1)	(2)	(3)
1.	0.01 - 0.49	262	112
2.	0.50 - 0.99	280	272
3.	1.00 - 1.24	224	351
4.	1.25 - 2.49	1047	2441
5.	2.50 - 4.99	885	3702
6.	5.00 - 7.49	378	2327
7.	7.50 - 9.99	146	1423
8.	10.00 - 12.49	113	1342
9.	12.50 - 14.99	54	910
10.	15.00 - 19.99	60	1143
11.	20.00 - 24.99	4	68
12.	25.00 - 29.99	7	105
13.	30.00 - 49.99	10	161
14.	50.00 & above	4	400
15.	all sizes	3474	14757

Table (2.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crops

State : Himachal Pradesh

C r o p	all irrigated crops				
	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	232	208	-	26	68
2. jowar	-	16	-	-	-
3. maize	81	106	18	52	-
4. wheat	338	991	35	52	124
5. other pulses	-	22	-	-	-
6. tobacco	-	743	-	-	-
7. spices and condiments	-	48	-	-	-
8. other crop commodities	11	206	-	-	-
9. all crops	662	2340	53	130	192

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Table (2.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops separately by crops : agricultural year 1970-71

State : Himachal Pradesh

C r o p	all unirrigated crops				
	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	150	24	158	-	107
2. maize	978	1054	677	657	322
3. wheat	275	526	179	614	377
4. gram	-	25	2	-	-
5. other pulses	26	-	2	-	0
6. sugarcane	-	-	9	-	36
7. other oilseeds	-	-	2	-	-
8. other crop commodities	520	33	-	-	4
9. not recorded	70	-	-	-	-
10. all crops	2019	1662	1029	1271	846

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Table (2.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Himachal Pradesh

crop : wheat

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	28	12	1683	1262
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	14	6	631	505	70	44	4278	3436
5. 2.50 - 4.99	26	12	1432	1386	46	24	3418	2500
6. 5.00 - 7.49	10	4	604	657	4	4	178	106
7. 7.50 - 9.99	7	8	710	674	4	7	355	199
8. 10.00 & above	-	-	-	-	-	-	-	-
9. all sizes	57	30	3377	3222	152	91	9912	7503

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Table (2.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Himachal Pradesh

Crop : Wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>3. urea</u>				
1. 0.01 - 4.99	-	-	-	-
2. 5.00 - 7.49	4	7	355	199
3. 7.50 & above	-	-	-	-
4. all sizes	4	7	355	199
<u>4. mixed fertilisers</u>				
1. 0.01 - 7.49	-	-	-	-
2. 7.50 - 9.99	4	4	160	124
3. 10.00 - 12.49	4	20	355	284
4. 12.50 & above	-	-	-	-
<u>5. other fertilisers</u>				
1. 0.01 - 1.24	-	-	-	-
2. 1.25 - 2.49	14	11	701	392
3. 2.50 - 4.99	-	-	-	-
4. 5.00 - 7.49	6	20	326	260
5. 7.50 - 24.99	-	-	-	-
6. 25.00 - 29.99	4	22	213	124
7. 30.00 & above	-	-	-	-
8. all sizes	24	53	1240	776

Table (2.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Himachal Pradesh

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	14	2	350	210
2. 0.50 - 0.99	-	-	-	-	28	20	2946	2104
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	14	12	1262	1010	70	54	5400	4082
5. 2.50 - 4.99	32	32	3938	2890	72	58	8496	5683
6. 5.00 - 7.49	10	6	710	763	25	54	5148	4036
7. 7.50 - 9.99	7	8	710	674	4	14	710	398
8. 10.00 - 12.49	-	-	-	-	4	6	350	199
9. 12.50 & above	-	-	-	-	-	-	-	-
10. all sizes	63	58	6620	5337	217	208	23400	16712

Table (2.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Himachal Pradesh		all crops combined		
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	v a l u e (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>3. urea</u>				
1. 0.01 = 4.99	-	-	-	-
2. 5.00 = 7.49	4	14	532	298
3. 7.50 & above	-	-	-	-
4. all sizes	4	14	532	298
<u>4. mixed fertilisers</u>				
1. 0.01 = 7.49	-	-	-	-
2. 7.50 = 9.99	4	7	320	248
3. 10.00 = 12.49	7	44	976	834
4. 12.50 & above	-	-	-	-
5. all sizes	11	51	1296	1082
<u>5. mixed fertilisers</u>				
1. 0.01 = 1.24	-	-	-	-
2. 1.25 = 2.49	14	17	1052	603
3. 2.50 = 4.99	-	-	-	-
4. 5.00 = 7.49	6	42	651	521
5. 7.50 = 24.99	-	-	-	-
6. 25.00 = 29.99	4	22	213	124
7. 30.00 & above	-	-	-	-
8. all sizes	24	81	1916	1248



Table (2.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Himachal Pradesh

crop : maize

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	14	5	350	491
2. 0.50 - 0.99	-	-	-	-	14	8	701	392
3. 1.00 - 1.24	14	10	238	140	14	3	112	56
4. 1.25 - 2.49	14	10	701	406	56	54	2805	1571
5. 2.50 - 4.99	66	104	4314	2673	78	128	4102	2630
6. 5.00 - 7.49	18	42	1598	1114	22	73	1491	1104
7. 7.50 - 9.99	7	23	1775	1094	4	18	89	50
8. 10.00 - 12.49	4	1	89	68	4	10	888	888
9. 12.50 - 14.99	7	16	1065	586	-	-	-	-
10. 15.00 & above	-	-	-	-	-	-	-	-
11. all sizes	130	206	9780	6081	206	299	10538	7182

Table (2.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh

crop : maize

size class of operational holdings (acres)	urea				mixed fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	14	8	350	280	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	28	22	1052	659	-	-	-	-
5. 2.50 - 4.99	40	108	2212	1708	-	-	-	-
6. 5.00 - 7.49	4	9	532	298	-	-	-	-
7. 7.50 - 9.99	14	37	1030	806	7	50	1242	710
8. 10.00 - 12.49	7	22	888	735	7	25	710	550
9. 12.50 - 14.99	-	-	-	-	10	134	1242	1225
10. 15.00 - 19.99	-	-	-	-	4	64	1420	710
11. 20.00 - 24.99	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	4	30	710	682	-	-	-	-
14. 50.00 & above	-	-	-	-	4	172	1952	3195
15. all sizes	111	236	6774	5168	32	445	6566	6390

Table (2.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh

crop : maize

size class of operational holdings (acres)	no. of holdings reporting (00)	other fertilisers		
		area ( 00 acres )	quantity (00 kg)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	14	6	280	140
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	-	-	-	-
5. 2.50 - 4.99	6	16	651	423
6. 5.00 - 7.49	-	-	-	-
7. 7.50 - 9.99	4	14	355	199
8. 10.00 - 12.49	7	68	862	610
9. 12.50 - 14.99	10	82	1072	824
10. 15.00 & above	-	-	-	-
11. all sizes	41	186	3220	2196

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Table (2.6) : Estimated number of holdings reporting use of chemical fertiliser and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh

crop : wheat

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	28	8	842	477
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	14	14	701	561
4. 1.25 - 2.49	28	39	1402	758	14	4	701	392
5. 2.50 - 4.99	20	52	814	521	26	44	1334	1002
6. 5.00 - 7.49	4	4	355	206	18	65	1686	1256
7. 7.50 - 9.99	-	-	-	-	-	-	-	-
8. 10.00 - 12.49	4	1	178	128	-	-	-	-
9. 12.50 & above	-	-	-	-	-	-	-	-
10. all sizes	56	96	2749	1613	100	135	5264	3688

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Table (2.6)/: Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh

crop : wheat

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	Value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 2.49	-	-	-	-	-	-	-	-
2. 2.50 - 4.99	20	81	1184	1052	-	-	-	-
3. 5.00 - 7.49	4	14	355	199	-	-	-	-
4. 7.50 - 9.99	4	8	248	135	7	50	1242	710
5. 10.00 - 12.49	-	-	-	-	4	20	355	284
6. 12.50 - 14.99	-	-	-	-	10	134	1172	1136
7. 15.00 - 19.99	-	-	-	-	4	64	1420	710
8. 20.00 - 49.99	-	-	-	-	-	-	-	-
9. 50.00 & above	-	-	-	-	4	172	1952	3195
10. all sizes	28	103	1787	1386	29	440	6141	6035

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 Table (2.6)/: Estimated number of holdings reporting use of chemical fertilisers, estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh		crop : wheat			
		other fertilisers			
size class of operational holdings (acres)		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(0)	(1)	(18)	(19)	(20)	(21)
1.	0.01 - 0.49	-	-	-	-
2.	0.50 - 0.99	28	24	982	491
3.	1.00 - 1.24	-	-	-	-
4.	1.25 - 2.49	-	-	-	-
5.	2.50 - 4.99	6	2	163	91
6.	5.00 - 7.49	4	14	89	60
7.	7.50 - 9.99	4	14	355	199
8.	10.00 - 12.49	4	32	408	284
9.	12.50 - 14.99	7	56	1085	696
10.	15.00 - 19.99	-	-	-	-
11.	20.00 - 24.99	-	-	-	-
12.	25.00 - 29.99	-	-	-	-
13.	30.00 - 49.99	4	22	710	256
14.	50.00 & above	-	-	-	-
15.	all sizes	57	164	3772	2077

Table (2.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh					crop : all crops combined				
size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49	-	-	-	-	42	12	1192	968	
2. 0.50 - 0.99	-	-	-	-	14	8	701	392	
3. 1.00 - 1.24	14	14	350	210	28	18	814	617	
4. 1.25 - 2.49	28	64	2454	1332	70	57	3506	1964	
5. 2.50 - 4.99	72	186	7537	4594	91	182	5826	3867	
6. 5.00 - 7.49	22	66	3550	2250	32	150	3603	2609	
7. 7.50 - 9.99	7	36	4615	2740	4	18	89	50	
8. 10.00 - 12.49	4	1	266	195	4	10	888	888	
9. 12.50 - 14.99	7	20	1420	781	-	-	-	-	
10. 15.00 & above	-	-	-	-	-	-	-	-	
11. all sizes	154	387	20192	12102	285	455	16619	11355	

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 Table (2.6)/: Estimated number of holdings reporting use of chemical fertilisers and ~~chemical~~ estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh

crop: all crops combined

size class of operational holdings (acres)	no. of holdings reporting (00)	urea			mixed fertilisers			
		area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	14	8	350	280	-	-	-	-
3. 1.00 - 1.24	14	14	701	842	-	-	-	-
4. 1.25 - 2.49	28	22	1052	659	-	-	-	-
5. 2.50 - 4.99	40	188	3396	2760	-	-	-	-
6. 5.00 - 7.49	7	23	888	497	-	-	-	-
7. 7.50 - 9.99	14	46	1420	998	7	100	2485	1420
8. 10.00 - 12.49	7	22	888	735	7	44	1065	834
9. 12.50 - 14.99	-	-	-	-	10	268	2414	2361
10. 15.00 - 19.99	-	-	-	-	4	128	2840	1420
11. 20.00 - 24.99	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	4	82	1598	1534	-	-	-	-
14. 50.00 & above	-	-	-	-	4	343	3905	6390
15. all sizes	128	405	10293	8305	32	883	12709	12425

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Table (2.6) /: Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Himachal Pradesh		crop: all crops combined			
size class of operational holdings (acres)		other fertilisers			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)
1.	0.01 - 0.49	-	-	-	-
2.	0.50 - 0.99	28	32	1304	687
3.	1.00 - 1.24	-	-	-	-
4.	1.25 - 2.49	-	-	-	-
5.	2.50 - 4.99	13	18	814	514
6.	5.00 - 7.49	4	14	89	60
7.	7.50 - 9.99	4	28	710	398
8.	10.00 - 12.49	10	110	2336	1250
9.	12.50 - 14.99	10	157	2499	1860
10.	15.00 - 19.99	-	-	-	-
11.	20.00 - 24.99	-	-	-	-
12.	25.00 - 29.99	-	-	-	-
13.	30.00 - 49.99	4	22	710	256
14.	50.00 & above	-	-	-	-
15.	all sizes	73	381	8462	5025

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Table (3.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Jammu and Kashmir

size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)		(2)	(3)
<u>Crop : Rice</u>			
1.	0.01 - 0.49	98	21
2.	0.50 - 0.99	296	139
3.	1.00 - 1.24	184	129
4.	1.25 - 2.49	958	1034
5.	2.50 - 4.99	972	1058
6.	5.00 - 7.49	245	665
7.	7.50 - 9.99	100	349
8.	10.00 - 12.49	39	162
9.	12.50 - 14.99	28	72
10.	15.00 - 19.99	0	30
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	2	18
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	2930	477
<u>Crop : Wheat</u>			
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	7	2
3.	1.00 - 1.24	1	2
4.	1.25 - 2.49	68	68
5.	2.50 - 4.99	189	450
6.	5.00 - 7.49	50	157
7.	7.50 - 9.99	30	102
8.	10.00 - 12.49	24	112
9.	12.50 - 14.99	5	30
10.	15.00 - 19.99	2	9
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	379	932

Table (3.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Jammu and Kashmir

size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)		(2)	(3)
Crop		all crops combined	
1.	0.01 - 0.49	246	43
2.	0.50 - 0.99	356	108
3.	1.00 - 1.24	202	156
4.	1.25 - 2.49	1052	1209
5.	2.50 - 4.99	1027	2542
6.	5.00 - 7.49	250	696
7.	7.50 - 9.99	104	505
8.	10.00 - 12.49	41	317
9.	12.50 - 14.99	27	126
10.	15.00 - 19.99	8	54
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	2	18
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	3325	6137

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Table (3.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Jammu and Kashmir

size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)		(2)	(3)
<u>Crop : Maize</u>			
1.	0.01 - 0.49	132	24
2.	0.50 - 0.99	285	131
3.	1.00 - 1.24	172	107
4.	1.25 - 2.49	1162	1144
5.	2.50 - 4.99	1106	2190
6.	5.00 - 7.49	350	992
7.	7.50 - 9.99	152	512
8.	10.00 - 12.49	30	165
9.	12.50 - 14.99	30	114
10.	15.00 - 19.99	16	96
11.	20.00 - 24.99	8	63
12.	25.00 - 29.99	2	0
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	3549	5546
<u>Crop : Wheat</u>			
1.	0.01 - 0.49	20	4
2.	0.50 - 0.99	50	24
3.	1.00 - 1.24	48	31
4.	1.25 - 2.49	274	248
5.	2.50 - 4.99	548	1012
6.	5.00 - 7.49	232	711
7.	7.50 - 9.99	117	426
8.	10.00 - 12.49	42	165
9.	12.50 - 14.99	26	82
10.	15.00 - 19.99	14	85
11.	20.00 - 24.99	9	64
12.	25.00 - 29.99	2	12
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	1381	2064

Table (3.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Jammu and Kashmir

size class of operational holding (acres)		estimated number of holdings reporting	gross area unirrigated (00 acres)
(1)		(2)	(3)
<u>Crop : all crops combined</u>			
1.	0.01 - 0.49	209	40
2.	0.50 - 0.99	39	100
3.	1.00 - 1.24	106	154
4.	1.25 - 2.49	13	1610
5.	2.50 - 4.99	1,330	3917
6.	5.00 - 7.49	35	2224
7.	7.50 - 9.99	16	1300
8.	10.00 - 12.49	62	196
9.	12.50 - 14.99	6	266
10.	15.00 - 19.99	10	235
11.	20.00 - 24.99	9	156
12.	25.00 - 29.99	2	50
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	4,289	10,712

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Table (3.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crops

all irrigated crops

crop	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
<u>State : Jammu &amp; Kashmir</u>					
1. rice	3098	739	6071	322	549
2. jowar	0	-	3	-	-
3. maize	12	-	73	4	3
4. wheat	376	155	536	162	446
5. gram	1	-	-	-	-
6. other pulses	-	-	1	-	-
7. sugarcane	-	-	-	-	6
8. rape & mustard	33	-	25	-	7
9. spices & condiments	9	-	12	-	-
10. other crop commodities	133	89	148	44	47
11. all crops	3662	933	6669	532	1058

Table (3.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops separately by crops

crop	all unirrigated cr estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilise
(1)	(2)	(3)	(4)	(5)	(6)
<u>State : Jammu &amp; Kashmir</u>					
1. rice	13	4	14	-	-
2. bajra	-	-	-	9	-
3. maize	431	67	26	40	8
4. ragi	13	387	-	-	-
5. wheat	115	51	105	137	53
6. barley	-	-	-	2	-
7. other cereals	13	-	3	-	2
8. gram	-	-	6	-	-
9. other pulses	44	-	2	-	0
10. rape & mustard	11	-	-	-	-
11. other crop commodities	68	-	70	1	-
12. all crops	713	122	226	197	63

Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers, estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir					crop : wheat				
size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Rs.)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 1.24	-	-	-	-	-	-	-	-	
2. 1.25 - 2.49	14	14	756	341	-	-	-	-	
3. 2.50 - 4.99	28	62	1015	1516	12	21	1404	1350	
4. 5.00 - 7.49	12	36	731	764	2	2	80	48	
5. 7.50 - 9.99	5	16	246	424	-	-	-	-	
6. 10.00 - 12.49	3	4	230	127	2	2	69	37	
7. 12.50 - 14.99	3	17	779	345	-	-	-	-	
8. 15.00 & above	-	-	-	-	-	-	-	-	
9. all sizes	65	149	3757	3517	16	25	1553	1435	

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Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir

crop : wheat

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	16	14	718	680	8	3	200	175
3. 2.50 - 4.99	40	107	2659	3048	2	2	60	40
4. 5.00 - 7.49	18	56	968	1268	1	1	48	24
5. 7.50 - 9.99	6	26	276	291	0	0	31	28
6. 10.00 - 12.49	6	22	466	441	6	11	1278	1004
7. 12.50 - 14.99	2	16	275	256	-	-	-	-
8. 15.00 & above	-	-	-	-	-	-	-	-
9. all sizes	88	241	5362	5984	17	17	1617	1271

Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir

crop : wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	other fertilisers		
		area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	4	1	72	72
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	17	8	625	712
5. 2.50 - 4.99	6	20	1075	602
6. 5.00 - 7.49	4	10	270	140
7. 7.50 - 9.99	4	8	368	218
8. 10.00 - 12.49	6	35	1207	1314
9. 12.50 - 14.99	2	16	619	530
10. 15.00 - 19.99	1	2	228	182
11. 20.00 & above	-	-	-	-
12. all sizes	44	100	4464	3770

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Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir		crop : rice								
		ammonium sulphate				super phosphate				
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1. 0.01 - 0.49	4	0	22	20	-	-	-	-		
2. 0.50 - 0.99	60	27	1460	770	11	6	450	475		
3. 1.00 - 1.24	40	31	1388	712	-	-	-	-		
4. 1.25 - 2.49	203	208	8626	4581	42	54	1015	789		
5. 2.50 - 4.99	167	338	9406	5381	51	114	4451	3592		
6. 5.00 - 7.49	56	177	4769	2896	10	29	832	625		
7. 7.50 - 9.99	24	101	2533	1634	7	10	484	332		
8. 10.00 - 12.49	6	24	922	440	2	3	138	74		
9. 12.50 - 14.99	8	36	1617	772	2	4	20	8		
10. 15.00 - 19.99	2	6	241	153	-	-	-	-		
11. 20.00 & above	-	-	-	-	-	-	-	-		
12. all sizes	570	948	30984	17359	125	220	7390	5895		

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Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers, estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir

crop : rice

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(00)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	18	4	257	257	-	-	-	-
2. 0.50 - 0.99	90	41	1810	1939	-	-	-	-
3. 1.00 - 1.24	60	50	2163	2138	4	2	180	90
4. 1.25 - 2.49	379	452	16374	15826	28	34	1407	1060
5. 2.50 - 4.99	360	804	23336	23612	20	42	976	893
6. 5.00 - 7.49	96	308	9272	9416	6	17	368	348
7. 7.50 - 9.99	33	154	5204	5141	2	5	266	266
8. 10.00 - 12.49	8	38	1000	872	-	-	-	-
9. 12.50 - 14.99	14	43	1298	1059	2	4	24	18
10. 15.00 & above	-	-	-	-	-	-	-	-
11. all sizes	1058	1894	60714	60260	62	104	3221	2675

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Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir		crop : rice			
		other fertilisers			
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
(1)	(18)	(19)	(20)	(21)	
1. 0.01 - 0.49	-	-	-	-	
2. 0.50 - 0.99	4	2	108	108	
3. 1.00 - 1.24	4	6	152	84	
4. 1.25 - 2.49	14	20	822	996	
5. 2.50 - 4.99	16	56	2258	2492	
6. 5.00 - 7.49	9	34	856	825	
7. 7.50 - 9.99	2	8	334	270	
8. 10.00 - 12.49	5	32	822	880	
9. 12.50 - 14.99	-	-	-	-	
10. 15.00 - 19.99	1	2	137	117	
11. 20.00 & above	-	-	-	-	
12. all sizes	55	160	5489	5772	

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Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir		crop : all crops combined								
		ammonium sulphate				super phosphate				
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)		
1. 0.01 - 0.49	8	1	169	100	4	1	84	30		
2. 0.50 - 0.99	60	28	1494	788	15	8	677	612		
3. 1.00 - 1.24	40	32	1410	724	-	-	-	-		
4. 1.25 - 2.49	232	239	10139	5338	46	55	1072	827		
5. 2.50 - 4.99	184	407	10738	7058	53	136	5864	4947		
6. 5.00 - 7.49	60	218	5654	3745	12	31	930	690		
7. 7.50 - 9.99	25	120	2952	2144	8	10	498	338		
8. 10.00 - 12.49	9	32	1398	703	2	16	686	304		
9. 12.50 - 14.99	10	54	2412	1124	2	4	20	8		
10. 15.00 - 19.99	2	6	254	166	-	-	-	-		
11. 20.00 & above	-	-	-	-	-	-	-	-		
12. all sizes	630	1137	36620	21890	142	261	9831	7756		

Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Jammu & Kashmir					crop : all crops combined				
size class of operational holdings (acres).	no. of holdings reporting (00)	urea			mixed fertilisers				
		area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1.. 0.01 - 0.49	26	6	696	696	-	-	-	-	
2. 0.50 - 0.99	90	41	1824	1954	-	-	-	-	
3.. 1.00 - 1.24	60	50	2190	2164	4	2	180	90	
4. 1.25 - 2.49	386	474	17366	16782	32	38	1625	1246	
5. 2.50 - 4.99	379	946	27452	28090	28	46	1105	992	
6. 5.00 - 7.49	102	368	10461	10903	6	18	415	372	
7. 7.50 - 9.99	37	184	5639	5590	2	6	328	321	
8. 10.00 - 12.49	11	62	1468	1316	6	16	1551	1216	
9. 12.50 - 14.99	14	60	1597	1338	2	4	24	18	
10. 15.00 - 19.99	-	-	-	-	2	1	91	50	
11. 20.00 & above	-	-	-	-	-	-	-	-	
12. all sizes	1105	2191	68693	68833	82	131	5319	4305	

State : Jammu &amp; Kashmir

crop : all crops combined

size class of operational holdings (acres)	no. of holdings reporting (00)	other fertilisers		
		area (acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	4	1	21	8
2. 0.50 - 0.99	7	2	180	180
3. 1.00 - 1.24	4	6	152	84
4. 1.25 - 2.49	24	28	1447	1708
5. 2.50 - 4.99	24	77	3366	3105
6. 5.00 - 7.49	12	43	1136	974
7. 7.50 - 9.99	5	15	702	489
8. 10.00 - 12.49	10	71	2318	2447
9. 12.50 - 14.99	3	18	892	677
10. 15.00 - 19.99	2	4	365	300
11. 20.00 & above	-	-	-	-
12. all sizes	95	265	10579	9972



Table (3.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Jammu & Kashmir

crop : wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	ammonium sulphate			super phosphate			
		area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	9	2	341	152	-	-	-	-
3. 2.50 - 4.99	4	5	255	132	4	5	425	170
4. 5.00 - 7.49	6	7	328	212	2	2	85	64
5. 7.50 - 9.99	3	6	229	114	-	-	-	-
6. 10.00 & above	-	-	-	-	-	-	-	-
7. all sizes	22	20	1153	610	6	7	510	234

Table (3.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Jammu & Kashmir

crop : wheat

size class of operational holdings (acres)	urea				mixed fertilizer				other fertilisers			
	no. of holdings area reporting (00		quantity value		no. of holdings area reporting (00		quantity value		no. of holdings area reporting (00		quantity value	
	(00)	acres)	(00 kg)	(00Rs)	(00)	acres)	(00 kg)	(00Rs)	(00)	acres)	(00 kg)	(00 Rs)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	4	1	38	38	-	-	-	-	-	-	-	-
3. 2.50 - 4.99	10	6	328	328	16	10	805	670	-	-	-	-
4. 5.00 - 7.49	8	11	420	364	1	1	22	27	-	-	-	-
5. 7.50 - 9.99	3	7	70	218	-	-	-	-	-	-	-	-
6. 10.00 - 12.49	3	6	196	152	2	6	182	100	3	4	344	192
7. 12.50 - 14.99	-	-	-	-	-	-	-	-	2	6	102	98
8. 15.00 - 19.99	-	-	-	-	2	2	365	328	-	-	-	-
9. 20.00 & above	-	-	-	-	-	-	-	-	-	-	-	-
10. all sizes	28	31	1052	1100	21	17	1374	1125	5	10	526	290

Table (3.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Jammu & Kashmir

crop : maize

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	4	2	425	170	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	16	11	656	482	4	2	170	212
5. 2.50 - 4.99	34	38	2258	1644	4	5	425	170
6. 5.00 - 7.49	10	18	446	346	1	2	38	38
7. 7.50 - 9.99	2	2	14	50	-	-	-	-
8. 10.00 - 12.49	2	12	253	148	1	1	33	18
9. 12.50 - 14.99	3	4	255	154	-	-	-	-
10. 15.00 & above	-	-	-	-	-	-	-	-
11. all sizes	71	107	4307	2944	10	10	666	438

Table (3.6)

: Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Jammu &amp; Kashmir

crop : maize

size class of operational holdings (acres)	urea				fertiliser (mixed)				other fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	-	-	-	-	4	2	42	85	4	4	21	212
3. 2.50 - 4.99	6	12	216	250	15	9	162	151	4	5	17	168
4. 5.00 - 7.49	2	4	48	48	2	1	32	32	1	1	45	38
5. 7.50 - 9.99	-	-	-	-	2	3	51	47	-	-	-	-
6. 10.00 - 12.49	-	-	-	-	2	2	91	50	-	-	-	-
7. 12.50 - 14.99	-	-	-	-	1	3	10	10	-	-	-	-
8. 15.00 - 19.99	-	-	-	-	2	1	91	50	-	-	-	-
9. 20.00 & above	-	-	-	-	-	-	-	-	-	-	-	-
10. all sizes	8	16	264	498	28	21	479	405	9	10	83	418

Table (3.5) Data and number of holdings reporting use of chemical fertilizers and estimated area under, quantity of and value of the chemical fertilizers by type of fertilizer and class of holdings by size class of operator and holdings

State : Jammu & Kashmir

Crop : all crops combined

size class of operator & holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.2	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	2	25	170	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.5	26	14	1031	554	4	2	170	212
5. 2.50 - 4.99	10	82	3310	2323	4	10	550	320
6. 5.00 - 7.49	10	31	1153	77	4	-	166	122
7. 7.50 - 9.99	0	12	707	250	-	-	-	-
8. 10.00 - 12.5	-	10	512	312	1	1	33	10
9. 12.50 - 14.99	3	1	291	150	-	-	-	-
10. 15.00 or more	-	-	-	-	-	-	-	-
11. all sizes	107	161	7130	4670	13	17	1219	714

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Table (3.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Jammu & Kashmir

Crop : all crops combined

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	19	2	290	290	4	2	42	85
3. 2.50 - 4.99	24	24	630	698	27	20	967	1001
4. 5.00 - 7.49	14	28	809	754	2	2	84	95
5. 7.50 - 9.99	4	8	82	230	2	3	58	54
6. 10.00 - 12.49	4	2	389	323	2	8	365	199
7. 12.50 - 14.99	-	-	-	-	1	3	10	10
8. 15.00 - 19.99	-	-	-	-	2	2	256	378
9. 20.00 & above	-	-	-	-	-	-	-	-
10. all sizes	65	71	2250	2295	40	40	1972	1622

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Table (5.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State Jammu & Kashmir

size class of operational holdings (acres)	chemical fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(20)	(21)
1. 0.01 = 1.24	-	-	-	-
2. 1.25 = 2.49	4	4	21	212
3. 2.50 = 4.99	4	5	17	160
4. 5.00 = 7.49	2	4	70	66
5. 7.50 = 9.99	-	-	-	-
6. 10.00 = 12.49	3	4	344	192
7. 12.50 = 14.99	2	6	182	96
8. 15.00 & above	-	-	-	-
9. all sizes	15	23	634	736

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Table (4.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Punjab

	size class of operational holdings (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)
<u>crop : rice</u>			
1.	0.01 - 0.49	23	5
2.	0.50 - 0.99	23	7
3.	1.00 - 1.24	14	11
4.	1.25 - 2.49	121	197
5.	2.50 - 4.99	479	1043
6.	5.00 - 7.49	493	1236
7.	7.50 - 9.99	340	1202
8.	10.00 - 12.49	263	1115
9.	12.50 - 14.99	179	960
10.	15.00 - 19.99	200	950
11.	20.00 - 24.99	82	720
12.	25.00 - 29.99	100	819
13.	30.00 - 49.99	88	778
14.	50.00 & above	8	53
15.	all sizes	2428	9096
<u>crop : maize</u>			
1.	0.01 - 0.49	46	6
2.	0.50 - 0.99	23	3
3.	1.00 - 1.24	46	31
4.	1.25 - 2.49	76	111
5.	2.50 - 4.99	581	991
6.	5.00 - 7.49	551	1074
7.	7.50 - 9.99	506	1459
8.	10.00 - 12.49	339	868
9.	12.50 - 14.99	260	969
10.	15.00 - 19.99	261	824
11.	20.00 - 24.99	156	531
12.	25.00 - 29.99	90	229
13.	30.00 - 49.99	110	703
14.	50.00 & above	16	167
15.	all sizes	3047	7966



Table (4.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Punjab		crop : wheat	
size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49	46	9
2.	0.50 - 0.99	46	21
3.	1.00 - 1.24	87	66
4.	1.25 - 2.49	201	334
5.	2.50 - 4.99	944	2569
6.	5.00 - 7.49	898	3640
7.	7.50 - 9.99	851	4319
8.	10.00 - 12.49	605	3683
9.	12.50 - 14.99	481	3659
10.	15.00 - 19.99	527	4415
11.	20.00 - 24.99	282	3161
12.	25.00 - 29.99	141	1958
13.	30.00 - 49.99	180	3169
14.	50.00 & above	42	1149
15.	all sizes	5331	32152

		crop : sugarcane	
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	-	-
4.	1.25 - 2.49	2	1
5.	2.50 - 4.99	67	28
6.	5.00 - 7.49	270	120
7.	7.50 - 9.99	326	258
8.	10.00 - 12.49	244	163
9.	12.50 - 14.99	230	255
10.	15.00 - 19.99	249	203
11.	20.00 - 24.99	152	149
12.	25.00 - 29.99	77	82
13.	30.00 - 49.99	104	80
14.	50.00 & above	15	10
15.	all sizes	1736	1349

Table (4.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Punjab

	size class of operational holding (acres)			crop : other crop commodity -	
				estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)			(2)	(3)
1.	0.01	-	0.49	91	21
2.	0.50	-	0.99	69	31
3.	1.00	-	1.24	108	110
4.	1.25	-	2.49	126	77
5.	2.50	-	4.99	739	1021
6.	5.00	-	7.49	834	1179
7.	7.50	-	9.99	730	1559
8.	10.00	-	12.49	517	1351
9.	12.50	-	14.99	410	1361
10.	15.00	-	19.99	474	1703
11.	20.00	-	24.99	249	1472
12.	25.00	-	29.99	117	610
13.	30.00	-	9.99	135	1026
14.	50.00	&	above	42	372
15.	all sizes			4681	11893

Table (4,1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Punjab

				crop : all crops combined		
size class of operational holding (acres)				estimated number of holdings reporting (00)	gross area irrigated (00 acres)	
(1)				(2)	(3)	
1.	0.01	-	0.49	114	37	
2.	0.50	-	0.99	69	67	
3.	1.00	-	1.24	121	245	
4.	1.25	-	2.49	231	771	
5.	2.50	-	4.99	1033	6060	
6.	5.00	-	7.49	942	8144	
7.	7.50	-	9.99	856	10164	
8.	10.00	-	12.49	630	8411	
9.	12.50	-	14.99	500	8984	
10.	15.00	-	19.99	552	10336	
11.	20.00	-	24.99	300	7747	
12.	25.00	-	29.99	141	4219	
13.	30.00	-	49.99	180	7763	
14.	50.00	&	above	51	2252	
15.	all sizes			5720	75200	

Table (4.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Punjab crop : wheat

	size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
	(1)	(2)	(3)	
1.	0.01	- 0.49	23	8
2.	0.50	- 0.99	36	29
3.	1.00	- 1.24	23	2
4.	1.25	- 2.49	164	234
5.	2.50	- 4.99	317	791
6.	5.00	- 7.49	51	827
7.	7.50	- 9.99	215	1201
8.	10.00	- 12.49	173	910
9.	12.50	- 14.99	100	450
10.	15.00	- 19.00	115	793
11.	20.00	- 24.99	49	340
12.	25.00	- 29.99	33	220
13.	30.00	- 49.99	33	372
14.	50.00	& above	27	411
15.	all sizes		1674	6334

crop : gram

1.	0.01	- 0.49	-	-
2.	0.50	- 0.99	-	-
3.	1.00	- 1.24	21	11
4.	1.25	- 2.49	23	13
5.	2.50	- 4.99	58	95
6.	5.00	- 7.49	103	343
7.	7.50	- 9.99	100	226
8.	10.00	- 12.49	52	58
9.	12.50	- 14.99	62	333
10.	15.00	- 19.99	113	563
11.	20.00	- 24.99	44	280
12.	25.00	- 29.99	36	233
13.	30.00	- 49.99	17	164
14.	50.00	& above	27	394
15.	all sizes		656	2713

Table (1.2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Punjab

	size class of operational holding (acres)		crop : groundnut		
			estimated number of holdings reporting (00)	gross area irrigated (00 acres)	
					(1)
1.	0.01	-	0.49	14	6
2.	0.50	-	0.99	-	-
3.	1.00	-	1.24	-	-
4.	1.25	-	2.49	-	-
5.	2.50	-	4.99	71	142
6.	5.00	-	7.49	111	367
7.	7.50	-	9.99	103	451
8.	10.00	-	12.49	99	606
9.	12.50	-	14.99	30	112
10.	15.00	-	19.99	60	421
11.	20.00	-	24.99	62	580
12.	25.00	-	29.99	8	122
13.	30.00	-	49.99	30	204
14.	50.00	&	above	8	50
15.	all sizes			602	3064

Table (..2) : Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : punjab		crop : other crop commodities		crop : all crops combined	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)	estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
size class of operational holding (acres)		(1)	(2)	(2)	(3)
1.	0.01 - 0.49	23	40	60	23
2.	0.50 - 0.99	-	-	45	15
3.	1.00 - 1.24	-	-	58	28
	1.25 - 2.49	50	30	161	380
5.	2.50 - 4.99	270	211	470	1032
6.	5.00 - 7.49	207	100	505	2724
	7.50 - 9.99	219	425	507	3097
8.	10.00 - 12.49	114	420	360	2379
9.	12.50 - 14.99	92	210	236	1634
10.	15.00 - 19.99	158	548	320	3003
11.	20.00 - 24.99	60	260	153	1544
12.	25.00 - 29.99	18	99	75	1165
13.	30.00 - 49.99	51	261	77	1196
14.	50.00 & above	18	215	43	1277
15.	all sizes	1320	3201	3074	20327

Table (4.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crop.

State : Punjab

all irrigated crops					
crop	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	5555	1628	37585	6480	11376
2. jowar	90	-	1000	-	319
3. bajra	225	-	1505	-	563
4. maize	1933	3650	14704	8925	9134
5. wheat	14629	16269	113077	17914	64736
6. barley	45	76	45	-	304
7. gram	-	-	612	162	-
8. tur	-	-	67	-	-
9. other pulses	-	-	201	4	216
10. sugarcane	197	134	3113	513	3671
11. cotton	566	761	17126	161	6392
12. rape & mustard	-	35	777	38	248
13. groundnut	1106	1084	114	2200	371
14. sesamum	-	-	68	-	-
15. other oil seeds	301	-	417	81	26
16. spices & condiments	-	9	502	-	367
17. other crop commodities	1796	3810	11895	3239	8600
18. not recorded	-	-	33	121	33
19. all crops.	26146	30567	203319	69638	106056

Table (1.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops separately by crops

State : Punjab

crop	all unirrigated crops				
	Estimated quantity of fertiliser-applied (tonnes)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	-	-	1896	-	600
2. bajra	-	-	22	-	-
3. maize	314	751	2420	162	213
4. wheat	979	314	5663	238	2036
5. barley	-	-	324	-	271
6. gram	-	81	99	-	81
7. sugarcane	-	-	34	-	-
8. cotton	-	-	224	-	19
9. groundnut	1034	1983	693	-	106
10. other crop commodities	70	30	32	-	266
11. all crops	2403	3209	11406	400	4922

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Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab		crop : rice							
size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	
4. 1.25 - 2.49	-	-	-	-	2	1	109	127	
5. 2.50 - 4.99	87	229	8227	6943	-	-	-	-	
6. 5.00 - 7.49	32	76	3642	2282	-	-	-	-	
7. 7.50 - 9.99	58	196	7735	4997	16	32	1619	680	
8. 10.00 - 12.49	-	-	-	-	9	15	903	542	
9. 12.50 - 14.99	23	29	1229	728	9	54	3470	2710	
10. 15.00 - 19.99	-	-	-	-	-	-	-	-	
11. 20.00 - 24.99	8	76	3792	2276	9	130	6269	3761	
12. 25.00 - 29.99	17	131	8480	5697	9	53	1791	1218	
13. 30.00 - 49.99	31	208	22445	12764	15	72	2124	1335	
14. 50.00 & above	-	-	-	-	-	-	-	-	
15. ALL sizes	256	945	55550	35687	69	357	16285	10373	

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Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : rice

size class of operational holdings (acres)	urea				mixed fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
0.01 - 0.49	-	-	-	-	-	-	-	-
0.50 - 0.9	23	7	2280	2169	-	-	-	-
1.00 - 1.24	-	-	-	-	-	-	-	-
1.25 - 2.49	84	143	12467	12250	-	-	-	-
2.50 - 4.99	269	524	33230	32827	23	46	1710	1710
5.00 - 7.49	334	996	63654	6077	32	54	2428	1295
7.50 - 9.99	240	987	43842	41437	16	49	4451	4451
10.00 - 12.49	134	606	26588	26088	21	55	5312	3401
12.50 - 14.99	154	912	38789	34028	8	37	3034	5764
15.00 - 19.99	136	824	61469	58288	23	134	7661	7881
20.00 - 24.99	57	461	27012	27770	-	-	-	-
25.00 - 29.99	93	630	42161	37991	8	186	16687	8543
30.00 - 49.99	59	531	24362	23681	3	129	12894	12894
50.00 & above	-	-	-	-	8	53	10619	4991
All sizes	1588	6621	375849	359626	142	743	64796	50730

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop:rice

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	23	5	1139	684
2. 0.50 - 0.99	-	-	-	-
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	20	31	1730	1010
5. 2.50 - 4.99	150	388	19498	11534
6. 5.00 - 7.49	44	52	4387	2544
7. 7.50 - 9.99	50	128	9204	5322
8. 10.00 - 12.49	110	512	3068	13520
9. 12.50 - 14.99	47	196	12710	9690
10. 15.00 - 19.99	49	382	22809	16970
11. 20.00 - 24.99	27	126	7612	5266
12. 25.00 - 29.99	18	53	2687	1558
13. 30.00 - 49.99	9	36	1343	1299
14. 50.00 & above				
15. all sizes	547	1844	113757	69397

Ref: ...

Table (4.5) . Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab		crop : maize							
size class of operational holdings (acres)		ammonium sulphate			super phosphate				
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1.	0.01 - 0.49	-	-	-	23	2	456	364	
2.	0.50 - 0.99	-	-	-	-	-	-	-	
3.	1.00 - 1.24	-	-	-	-	-	-	-	
4.	1.25 - 2.49	-	-	-	2	2	226	244	
5.	2.50 - 4.99	45	102	4559	5060	-	-	-	
6.	5.00 - 7.49	16	22	1619	907	14	18	692	484
7.	7.50 - 9.99	-	-	-	-	58	220	11781	6297
8.	10.00 - 12.49	24	75	2946	1703	34	87	5232	5020
9.	12.50 - 14.99	33	69	4913	4454	24	170	5447	3505
10.	15.00 - 19.99	13	18	1120	786	17	54	10472	12114
11.	20.00 - 24.99	-	-	-	-	8	10	379	151
12.	25.00 - 29.99	8	10	379	228	-	-	-	-
13.	30.00 - 49.99	8	91	3792	4740	15	40	1896	986
14.	50.00 & above	-	-	-	-	-	-	-	-
15.	all sizes	147	387	19328	17880	195	603	36581	29165

Table (4,5)Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab		crop : maize							
size class of operational holdings (acres)	urea				mixed fertiliser				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49									
2. 0.50 - 0.99	23	3	1140	1094					
3. 1.00 - 1.24	23	15	570	547					
4. 1.25 - 2.49	23	40	2054	2280					
5. 2.50 - 4.99	217	377	24399	20417	69	126	17096	17005	
6. 5.00 - 7.49	157	298	13994	13791	62	187	10201	882	
7. 7.50 - 9.99	244	738	34757	29639	64	110	8497	8982	
8. 10.00 - 12.49	77	249	9454	8339	41	142	7197	7227	
9. 12.50 - 14.99	104	328	14071	13241	24	151	5220	6207	
10. 15.00 - 19.99	111	416	24914	24090	15	80	5310	2753	
11. 20.00 - 24.99	56	167	8855	8206	60	205	20563	19304	
12. 25.00 - 29.99	33	59	2302	2184	8	38	3792	3792	
13. 30.00 - 49.99	50	331	10527	9999	11	151	11378	9253	
14. 50.00 & above									
15. all sizes	1118	3021	147034	133827	354	1190	89254	8105	

Table (4.5) Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State . Punjab

crop : maize

size class of operational holdings (acres)	no. of holdings reporting (00)	other fertilisers		
		area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	23	1	114	91
2. 0.50 - 0.99	-	-	-	-
3. 1.00 - 1.24	23	15	1140	661
4. 1.25 - 2.49				
5. 2.50 - 4.99	143	342	20226	13052
6. 5.00 - 7.49	53	128	6581	4870
7. 7.50 - 9.99	49	234	16185	9905
8. 10.00 - 12.49	84	240	12975	11180
9. 12.50 - 14.99	40	139	895	4718
10. 15.00 - 19.99	30	85	5158	4141
11. 20.00 - 24.99	26	141	4203	4018
12. 25.00 - 29.99	24	58	9173	11656
13. 30.00 - 49.99	31	146	4620	3180
14. 50.00 & above	9	107	5373	3582
15. all sizes	535	164	94343	71054

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Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : wheat

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. 0.01 - 0.49	-	-	-	-	23	2	570	479
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	23	16	1140	570
4. 1.25 - 2.49	23	52	2280	1368	11	25	1130	1066
5. 2.50 - 4.99	89	343	19010	19327	73	221	11927	10259
6. 5.00 - 7.49	74	334	13969	10720	46	183	10860	5984
7. 7.50 - 9.99	92	564	19253	11015	62	300	17183	9203
8. 10.00 - 12.49	33	220	8121	6651	34	137	12366	12770
9. 12.50 - 14.99	41	195	9972	7614	67	420	35686	29202
10. 15.00 - 19.99	59	513	37123	26161	51	484	47816	34289
11. 20.00 - 24.99	15	183	6296	5310	17	189	10061	5278
12. 25.00 - 29.99	31	184	8754	7869	26	262	13159	7926
13. 30.00 - 49.99	31	418	21512	14601	9	18	1791	860
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	488	3006	146290	110636	442	2257	163689	117886

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilizer and crop irrigated by size class of operational holdings

State : Punjab

crop: wheat

size class of operational holdings (acres)	urea				mixed fertilisers				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	
	(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	23	1	182	182	-	-	-	-	-
2. 0.50 - 0.99	23	10	3419	2827	-	-	-	-	-
3. 1.00 - 1.24	37	29	2980	2889	-	-	-	-	-
4. 1.25 - 2.49	134	208	13771	13617	14	10	692	415	
5. 2.50 - 4.99	540	1418	75071	71813	114	319	23365	23228	
6. 5.00 - 7.49	504	1961	114199	112099	158	574	37671	30470	
7. 7.50 - 9.99	522	2633	174806	157991	130	655	56648	58218	
8. 10.00 - 12.49	418	2566	119567	115326	61	371	26254	27301	
9. 12.50 - 14.99	350	2478	153977	146491	33	248	19236	19727	
10. 15.00 - 19.99	369	3057	162790	159866	88	951	88862	93251	
11. 20.00 - 24.99	195	2092	120843	116727	69	823	102398	100509	
12. 25.00 - 29.99	110	1324	61917	57971	15	247	21238	13653	
13. 30.00 - 49.99	128	1935	99237	101024	19	351	26927	22907	
14. 50.00 & above	18	437	27313	26650	8	380	75850	21997	
15. all sizes	3371	20149	1130772	1085465	709	4909	479141	411676	



Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : wheat

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	23	1	114	69
2. 0.50 - 0.99				
3. 1.00 - 1.24	37	23	1148	675
4. 1.25 - 2.49	14	28	1384	802
5. 2.50 - 4.99	276	670	36266	31777
6. 5.00 - 7.49	140	556	35968	26944
7. 7.50 - 9.99	216	1317	89895	82714
8. 10.00 - 12.49	220	1610	93341	60412
9. 12.50 - 14.99	160	1418	68116	53363
10. 15.00 - 19.99	149	1680	83201	67764
11. 20.00 - 24.99	82	884	37086	86060
12. 25.00 - 29.99	69	1124	55230	54048
13. 30.00 - 49.99	69	2123	99776	99546
14. 50.00 & above	17	637	40839	32674
15. all sizes	1472	12079	647364	595648

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : sugarcane

size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	2	1	109	127	-
5. 2.50 - 4.99	-	-	-	-	23	2	570	342	-
6. 5.00 - 7.49	-	-	-	-	-	-	-	-	-
7. 7.50 - 9.99	9	4	452	470	-	-	-	-	-
8. 10.00 - 12.49	8	8	379	228	-	-	-	-	-
9. 12.50 - 14.99	8	23	759	486	9	0	90	90	-
10. 15.00 - 19.99	-	-	-	-	-	-	-	-	-
11. 20.00 - 24.99	-	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	-	-	-	-	-	-	-	-	-
14. 50.00 & above	8	3	379	212	8	3	559	280	-
15. all sizes	33	38	1969	1396	42	6	1338	829	-

Table (4.5): Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Punjab

crop : sugarcane

size class of operational holdings (acres)	( area )				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings Reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	7	14	1384	1357	-	-	-	-
6. 5.00 - 7.49	46	29	2310	2248	16	4	2464	243
7. 7.50 - 9.99	79	86	9972	10186	41	30	1356	1166
8. 10.00 - 12.49	41	40	2070	1606	21	-	2070	-
9. 12.50 - 14.99	22	11	992	1000	9	2	452	352
10. 15.00 - 19.99	16	91	6074	7403	8	11	959	425
11. 20.00 - 24.99	24	49	2120	1687	15	11	1517	1213
12. 25.00 - 29.99	24	48	2880	2591	9	4	269	224
13. 30.00 - 49.99	22	11	673	656	8	11	379	242
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	381	379	31475	28734	106	73	5130	3865

Table (4.5)

Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

Punjab		crop : sugarcane			
size class of operational holdings (acres)	no. of holdings reporting (00)	other fertiliser			
		area (00 acres)	quantity (00 lb.)	value (00 Rs.)	
(1)	(2)	(19)	(20)	(21)	
1. 0.01 - 0.49	-	-	-	-	
2. 0.50 - 0.99	-	-	-	-	
3. 1.00 - 1.24	-	-	-	-	
4. 1.25 - 2.49	-	-	-	-	
5. 2.50 - 4.99	7	14	1384	775	
6. 5.00 - 7.49	19	25	3420	3134	
7. 7.50 - 9.99	34	20	1487	850	
8. 10.00 - 12.49	58	40	6598	3613	
9. 12.50 - 14.99	40	55	10028	5602	
10. 15.00 - 19.99	36	49	3482	1978	
11. 20.00 - 24.99	35	20	2162	1392	
12. 25.00 - 29.99	9	9	896	501	
13. 30.00 - 49.99	38	23	5804	2905	
14. 50.00 & above	-	-	-	-	
15. all sizes	335	273	36711	20750	

Table (1.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

state : Punjab

crop : other crop commodities

size class of operational holdings (acres)	ammonia sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	25	23	1140	684	105	54	5375	3960
6. 5.00 - 7.49	32	60	2255	2862	32	32	2088	2723
7. 7.50 - 9.99	32	24	1214	612	64	140	17803	9500
8. 10.00 - 12.49	24	15	784	452	26	23	1453	1400
9. 12.50 - 14.99	15	53	3192	2367	26	33	2551	2346
10. 15.00 - 19.99	15	39	2066	1191	18	30	3582	5373
11. 20.00 - 24.99	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	15	72	5310	6394	15	21	1517	682
14. 50.00 & above	8	11	379	212	8	11	948	470
15. all sizes	154	291	17958	14765	294	344	38103	25162

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

state : Punjab

crop: Other crop-commodities

size class of operational holdings (acres)	urea				mixed fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	23	1	160	460	-	-	-	-
2. 0.50 - 0.99	23	3	273	273	-	-	-	-
3. 1.00 - 1.24	30	48	2054	1911	-	-	-	-
4. 1.25 - 2.49	52	23	692	719	-	-	-	-
5. 2.50 - 4.99	203	146	8956	8399	-	-	-	-
6. 5.00 - 7.49	223	320	17556	17461	16	8	809	486
7. 7.50 - 9.99	140	183	17401	15520	49	31	1619	1538
8. 10.00 - 12.49	136	318	9760	10134	-	-	-	-
9. 12.50 - 14.99	124	169	8124	7054	17	62	13346	7203
10. 15.00 - 19.99	166	510	21401	21000	31	60	3482	2101
11. 20.00 - 24.99	77	353	10888	10531	40	247	10029	6964
12. 25.00 - 29.99	40	168	5437	4633	17	41	2344	1540
13. 30.00 - 49.99	64	227	17315	11040	8	30	759	637
14. 50.00 & above	9	90	4926	4926	-	-	-	-
15. all sizes	1310	2552	118943	113831	178	479	32388	20469

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

Crop: Other crop commodities

Size class of operational holdings (acres)		of chemical fertilisers			
		no. of holdings reporting (00)	area (acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(18)	(19)	(20)	(21)
1.	0.01 - 0.49	23	6	1140	684
2.	0.50 - 0.99	-	-	-	-
3.	1.00 - 1.24	14	14	692	360
4.	1.25 - 2.49	-	-	-	-
5.	2.50 - 4.99	187	162	18081	10076
6.	5.00 - 7.99	99	98	5994	3693
7.	7.50 - 9.99	67	57	4724	2719
8.	10.00 - 12.49	90	238	9069	5277
9.	12.50 - 11.99	98	182	10487	6464
10.	15.00 - 19.99	120	460	30353	20043
11.	20.00 - 24.99	17	65	3482	3988
12.	25.00 - 29.99	18	50	2462	1397
13.	30.00 - 49.99	8	11	759	417
14.	50.00 & above	8	11	759	926
15.	all sizes	757	1354	80002	55849

Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab		crop : all crop combined							
		ammonium sulphate				super phosphate			
size class of operational holdings (acres)		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49	-	-	-	-	23	6	1026	844	
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	
3. 1.00 - 1.24	-	-	-	-	23	15	1140	570	
4. 1.25 - 2.49	23	52	2280	1368	11	36	1680	1689	
5. 2.50 - 4.99	162	516	32935	32015	119	278	17870	14560	
6. 5.00 - 7.49	106	484	24143	17786	46	234	16408	8492	
7. 7.50 - 9.99	168	843	30460	18781	110	691	48386	25680	
8. 10.00 - 12.49	33	328	14910	10628	98	323	21930	20834	
9. 12.50 - 14.99	66	463	24603	18459	76	748	53407	44742	
10. 15.00 - 19.99	76	699	46195	31500	75	791	81426	68786	
11. 20.00 - 24.99	15	259	10080	7585	16	328	16709	9191	
12. 25.00 - 29.99	40	418	22166	16296	26	316	14950	9144	
13. 30.00 - 49.99	50	873	55919	41722	52	344	29217	14970	
14. 50.00 & above	8	14	758	425	8	14	1517	758	
15. all sizes	747	5049	264457	196565	683	4124	305666	220260	



Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : all crops  
combined

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (Rs. 0.00)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	23	2	342	342	-	-	-	-
2. 0.50 - 0.99	23	29	7682	6907	-	-	-	-
3. 1.00 - 1.24	44	92	5604	5347	-	-	-	-
4. 1.25 - 2.49	134	430	29732	29642	14	10	692	415
5. 2.50 - 4.99	618	2537	147056	138029	114	490	42171	41943
6. 5.00 - 7.49	638	3890	229481	226341	157	828	51514	41076
7. 7.50 - 9.99	648	4928	238281	270668	148	1024	83872	85502
8. 10.00 - 12.49	439	4088	182572	176324	79	569	38763	37929
9. 12.50 - 14.99	376	4445	251781	236499	41	500	41288	39253
10. 15.00 - 19.99	435	5586	322466	314113	88	1306	102766	109006
11. 20.00 - 24.99	221	3792	214779	209216	77	1419	146642	137988
12. 25.00 - 29.99	118	2366	118454	108718	24	516	44330	27553
13. 30.00 - 49.99	135	3640	181980	183562	19	684	53854	46776
14. 50.00 & above	27	732	42904	42304	7	432	86469	26988
15. all sizes	3879	36557	2033194	1948012	768	7778	698381	594429

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Table (4.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Punjab

crop : all crops combined

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	46	14	2508	1528
2. 0.50 - 0.99				
3. 1.00 - 1.24	50	58	2900	1696
4. 1.25 - 2.49	20	59	3114	1813
5. 2.50 - 4.99	395	1642	98914	69221
6. 5.00 - 7.49	224	1010	67946	48324
7. 7.50 - 9.99	250	1760	122304	101964
8. 10.00 - 12.49	239	2762	159614	98008
9. 12.50 - 14.99	248	3045	127868	90712
10. 15.00 - 19.99	226	2888	162797	119520
11. 20.00 - 24.99	104	1032	73842	112934
12. 25.00 - 29.99	76	1492	78062	75155
13. 30.00 - 49.99	78	2434	115016	108980
14. 50.00 & above	16	870	52791	40979
15. all sizes	1972	19666	1068556	868834

Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Punjab

crop : wheat

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	14	24	692	720	-	-	-	-
6. 5.00 - 7.49	-	-	-	-	-	-	-	-
7. 7.50 - 9.99	-	-	-	-	16	8	1619	971
8. 10.00 - 12.49	-	-	-	-	-	-	-	-
9. 12.50 - 14.99	-	-	-	-	-	-	-	-
10. 15.00 - 19.99	-	-	-	-	-	-	-	-
11. 20.00 - 24.99	8	87	1138	682	-	-	-	-
12. 25.00 - 29.99	15	302	6447	4475	8	205	1517	1517
13. 30.00 - 49.99	8	146	1517	1517	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	45	559	9194	7394	24	213	3136	2488

Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilisers and crop unirrigated by size class of operational holdings

state : Punjab

crop : wheat

size class of operational holdings (acres)	u r e a				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 2.49	-	-	-	-	-	-	-	-
2. 2.50 - 4.99	84	245	10736	10307	-	-	-	-
3. 5.00 - 7.49	32	152	4856	4046	-	-	-	-
4. 7.50 - 9.99	58	187	10897	9440	16	64	1619	890
5. 10.00 - 12.49	25	182	9184	8926	-	-	-	-
6. 12.50 - 14.99	8	34	1517	1517	-	-	-	-
7. 15.00 - 19.99	24	170	5894	5840	8	23	759	759
8. 20.00 - 24.99	8	60	3792	3792	-	-	-	-
9. 25.00 - 29.99	8	205	3034	3034	-	-	-	-
10. 30.00 - 49.99	-	-	-	-	-	-	-	-
11. 50.00 & above	18	134	6716	6519	-	-	-	-
12. all sized	265	1369	56626	53421	24	87	2378	1649

Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

state : Punjab

crop : wheat

size class of operational holdings (acres)	other fertilisers			
	number of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	23	8	456	639
2. 0.50 - 0.99	46	29	1710	980
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	-	-	-	-
5. 2.50 - 4.99	23	11	2280	1277
6. 5.00 - 7.49	39	106	3898	913
7. 7.50 - 9.99	25	46	1308	785
8. 10.00 - 12.49	17	19	2277	1554
9. 12.50 - 14.99	-	-	-	-
10. 15.00 - 19.99	17	69	3445	1804
11. 20.00 - 24.99	-	-	-	-
12. 25.00 - 29.99	-	-	-	-
13. 30.00 - 49.99	9	90	8060	4478
14. 50.00 & above	9	98	4926	2857
15. all sizes	208	476	28360	15237

Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilisers and crop unirrigated by size class of operational holdings.

State : Punjab

crop : ground-nut

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00) acres	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 7.49	-	-	-	-	-	-	-	-
2. 7.50 - 9.99	-	-	-	-	39	210	3898	1883
3. 10.00 - 12.49	16	64	1619	907	-	-	-	-
4. 12.50 - 14.99	23	90	3792	2101	8	10	759	779
5. 15.00 - 19.99	8	51	3034	1517	22	180	8343	3944
6. 20.00 - 24.99	-	-	-	-	8	90	3792	1517
7. 25.00 - 29.99	-	-	-	-	-	-	-	-
8. 30.00 - 49.99	8	38	1896	1047	-	-	-	-
9. 50.00 & above	-	-	-	-	8	50	3034	1517
10. all sizes	55	243	10341	5572	86	540	19826	9240

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Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unclassified by size class of operational holdings

state : Punjab

crop : sugarcane

	size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
	(1)	(2)	(3)	(4)	(5)
1. urea					
1.	0.01 - 7.49	-	-	-	-
2.	7.50 - 9.99	39	210	5038	4836
3.	10.00 - 14.99	-	-	-	-
4.	15.00 - 19.99	8	30	1517	1426
5.	20.00 - 29.99	-	-	-	-
6.	30.00 - 49.99	8	15	379	364
7.	50.00 & above	-	-	-	-
8.	all sizes	55	255	6934	6626
2. other fertilisers					
1.	0.01 - 7.49	-	-	-	-
2.	7.50 - 9.99	16	40	4856	2719
3.	10.00 & above	-	-	-	-
4.	all sizes	16	40	4856	2719

Table (4.6) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Punjab

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	14	24	692	720	-	-	-	-	-
6. 5.00 - 7.49	-	-	-	-	-	-	-	-	-
7. 7.50 - 9.99	16	64	1619	1133	55	306	8754	5444	
8. 10.00 - 12.49	16	65	1619	907	16	94	3237	907	
9. 12.50 - 14.99	23	105	4551	2526	8	10	759	379	
10. 15.00 - 19.99	8	52	3034	1517	23	180	8314	3944	
11. 20.00 - 24.99	8	87	1138	683	8	90	3792	1517	
12. 25.00 - 29.99	15	449	7206	5234	15	374	3413	2958	
13. 30.00 - 49.99	15	232	4172	3322	8	57	759	759	
14. 50.00 & above	15	-	-	-	8	50	3034	1517	
15. all sizes	115	1078	24031	16042	141	1164	32092	17425	



Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Punjab

crop : all crops combined

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	108	598	27115	23944	-	-	-	-
6. 5.00 - 7.49	79	498	16642	16351	-	-	-	-
7. 7.50 - 9.99	80	498	19172	16801	16	95	3237	1780
8. 10.00 - 12.49	41	364	17277	16694	-	-	-	-
9. 12.50 - 14.99	8	64	2655	2655	-	-	-	-
10. 15.00 - 19.99	40	343	2551	8407	8	23	759	759
11. 20.00 - 24.99	33	132	7393	7150	-	-	-	-
12. 25.00 - 29.99	15	400	7396	7396	-	-	-	-
13. 30.00 - 49.99	15	72	1138	819	-	-	-	-
14. 50.00 & above	18	134	6716	6519	-	-	-	-
15. all sizes	437	3103	114055	106736	24	118	3996	2539

Table (4.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Punjab

crop : all crops combined

size class of operational holdings (acres)	other fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	23	17	912	1277
2. 0.50 - 0.99	46	45	2850	1619
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	-	-	-	-
5. 2.50 - 4.99	23	11	2280	1277
6. 5.00 - 7.49	55	246	10372	4361
7. 7.50 - 9.99	41	143	10492	6398
8. 10.00 - 12.49	17	19	2277	1554
9. 12.50 - 14.99	15	36	1517	811
10. 15.00 - 19.99	17	103	5531	2972
11. 20.00 - 24.99	-	-	-	-
12. 25.00 - 29.99	-	-	-	-
13. 30.00 - 49.99	9	90	8060	4478
14. 50.00 & above	9	98	4926	2857
15. all sizes	255	814	49217	27604

Table (3.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings.

: Rajasthan

size class of operational holdings (acres)		estimated no. of holdings reporting (00)	gross area (00 acres)
(1)		(2)	(3)
<u>Crop : Maize</u>			
1.	0.00 - 0.49	114	6
2.	0.50 - 0.99	260	154
3.	1.00 - 1.24	14	26
4.	1.25 - 2.49	592	478
5.	2.50 - 4.99	1106	957
6.	5.00 - 7.49	688	1311
7.	7.50 - 9.99	290	410
8.	10.00 - 12.49	360	848
9.	12.50 - 14.99	132	202
10.	15.00 - 19.99	290	580
11.	20.00 - 24.99	72	79
12.	25.00 - 29.99	53	108
13.	30.00 - 49.99	59	170
14.	50.00 & above	7	10
15.	all sizes	4045	5347
<u>Crop : Wheat</u>			
1.	0.00 - 0.49	212	37
2.	0.50 - 0.99	68	20
3.	1.00 - 1.24	148	50
4.	1.25 - 2.49	825	654
5.	2.50 - 4.99	1483	1960
6.	5.00 - 7.49	1836	2624
7.	7.50 - 9.99	818	1208
8.	10.00 - 12.49	890	1333
9.	12.50 - 14.99	568	1814
10.	15.00 - 19.99	610	1834
11.	20.00 - 24.99	324	2074
12.	25.00 - 29.99	144	815
13.	30.00 - 49.99	292	2460
14.	50.00 & above	176	1006
15.	all sizes	8394	17379

Table (5.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Rajasthan

size class of operational holdings (acres)	estimated no. of holdings reporting (00)	gross area (in acres)
(1)	(2)	(3)
<u>Crop : Barley</u>		
1. 0.00 - 0.49	135	26
2. 0.50 - 0.99	68	20
3. 1.00 - 1.24	148	46
4. 1.25 - 2.49	389	373
5. 2.50 - 4.99	1338	925
6. 5.00 - 7.49	1281	1997
7. 7.50 - 9.99	850	1292
8. 10.00 - 12.49	666	1817
9. 12.50 - 14.99	384	662
10. 15.00 - 19.99	432	807
11. 20.00 - 24.99	159	515
12. 25.00 - 29.99	73	152
13. 30.00 - 49.99	166	537
14. 50.00 & above	24	448
15. all sizes	6113	9688

all crops combined

1. 0.00 - 0.49	345	66
2. 0.50 - 0.99	404	251
3. 1.00 - 1.24	206	193
4. 1.25 - 2.49	1490	2109
5. 2.50 - 4.99	2838	5304
6. 5.00 - 7.49	2552	7345
7. 7.50 - 9.99	1126	3550
8. 10.00 - 12.49	1400	6364
9. 12.50 - 14.99	630	3892
10. 15.00 - 19.99	772	5229
11. 20.00 - 24.99	326	8734
12. 25.00 - 29.99	222	2460
13. 30.00 - 49.99	444	8402
14. 50.00 & above	176	8426
15. all sizes	12929	48250

Table (5.2) : Estimated number of holdings reporting un-irrigated crops and gross area un-irrigated under different crops by size class of operational holdings

State : Rajasthan

size class of operational holdings (acres)	estimated no. of holdings reporting (00)	gross area (00 acres)
(1)	(2)	(3)
<u>Crop : Bajra</u>		
1. 0.00 - 0.49	77	20
2. 0.50 - 0.99	77	38
3. 1.00 - 1.24	146	151
4. 1.25 - 2.49	1023	1033
5. 2.50 - 4.99	1662	3892
6. 5.00 - 7.49	2348	7292
7. 7.50 - 9.99	1319	5006
8. 10.00 - 12.49	1312	8924
9. 12.50 - 14.99	714	4665
10. 15.00 - 19.99	956	6328
11. 20.00 - 24.99	1257	13196
12. 25.00 - 29.99	558	6878
13. 30.00 - 49.99	1101	18325
14. 50.00 & above	842	26042
15. all sizes	13892	101821

<u>Crop : Other pulses</u>		
1. 0.00 - 0.49		
2. 0.50 - 0.99		
3. 1.00 - 1.24	14	8
4. 1.25 - 2.49	140	90
5. 2.50 - 4.99	1184	1132
6. 5.00 - 7.49	1538	1952
7. 7.50 - 9.99	804	1264
8. 10.00 - 12.49	954	1816
9. 12.50 - 14.99	666	2141
10. 15.00 - 19.99	1072	3471
11. 20.00 - 24.99	846	5106
12. 25.00 - 29.99	420	2063
13. 30.00 - 49.99	826	5630
14. 50.00 & above	664	10290
15. all sizes	9228	34948

Table (6.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

state : Uttar Pradesh

Crop : Wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>4. mixed fertilisers</u>				
1. 0.01 - 0.99	-	-	-	-
2. 1.00 - 1.24	40	35	830	733
3. 1.25 - 2.49	90	75	5731	4496
4. 2.50 - 4.99	80	170	3434	3402
5. 5.00 - 7.49	15	95	4342	4169
6. 7.50 - 9.99	15	120	1448	1390
7. 10.00 - 12.49	45	190	10432	11015
8. 12.50 - 14.99	-	-	-	-
9. 15.00 - 19.99	15	15	462	462
10. 20.00 & above	-	-	-	-
11. all sizes	300	700	26679	25667
<u>5. other fertilisers</u>				
1. 0.01 - 7.49	-	-	-	-
2. 7.50 - 9.99	30	5	224	192
3. 10.00 - 12.49	75	230	3037	3454
4. 12.50 & above	-	-	-	-
5. all sizes	105	235	4061	3646

'80b'

Table (5.2) : Estimated number of holdings reporting un-irrigated crops and gross area un-irrigated under different crops by size class of operational holdings

State : Rajasthan

size class of operational holdings (acres)	estimated no. of holdings reporting (00)	gross area (00 acres)
(1)	(2)	(3)
<u>Group : Other crop commodities</u>		
1. 0.00 - 0.49		
2. 0.50 - 0.99	68	10
3. 1.00 - 1.24		
4. 1.25 - 2.49	888	410
5. 2.50 - 4.99	1128	1419
6. 5.00 - 7.49	809	950
7. 7.50 - 9.99	462	675
8. 10.00 - 12.49	1068	2715
9. 12.50 - 14.99	604	2021
10. 15.00 - 19.99	426	2004
11. 20.00 - 24.99	962	5478
12. 25.00 - 29.99	371	2258
13. 30.00 - 49.99	950	8042
14. 50.00 & above	724	11550
15. all sizes	8460	27132
<u>all crops combined</u>		
1. 0.00 - 0.49	289	130
2. 0.50 - 0.99	598	424
3. 1.00 - 1.24	362	408
4. 1.25 - 2.49	2146	3504
5. 2.50 - 4.99	4636	14566
6. 5.00 - 7.49	4300	21138
7. 7.50 - 9.99	2008	13443
8. 10.00 - 12.49	2352	18930
9. 12.50 - 14.99	1163	12290
10. 15.00 - 19.99	1618	10087
11. 20.00 - 24.99	1448	27318
12. 25.00 - 29.99	691	14700
13. 30.00 - 49.99	1290	37308
14. 50.00 & above	879	52324
15. all sizes	23780	235620

Table (5.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crop

State : Rajasthan		all irrigated crops				
c r o p	estimated quantity of fertiliser applied (tonnes)					
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers	
(1)	(2)	(3)	(4)	(5)	(6)	
1. rice	-	-	244	35		
2. bajra	56	287	245	-		
3. maize	78	116	2299	-	-	
4. wheat	2506	1316	19477	1301	527	
5. barley	173	20	5488	-	316	
6. other cereals	-	-	-	-	495	
7. gram	-	446	852	-	1	
8. other pulses	-	-	-	-	1	
9. sugarcane	-	-	308	-	30	
10. cotton	-	154	4547	-	28	
11. rape & mustard	-	49	169	-		
12. groundnut	-	99	-	-		
13. other oil seeds	-	-	293	-		
14. spices & condiments	72	463	594	-	12	
15. other crop commodities	210	-	1654	-	70	
16. all crops	3094	2950	36170	1336	1480	

RM:



Table (5.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops separately by crops

State : Rajasthan		all unirrigated crops				
estimated quantity of fertiliser applied (tonnes)						
crop	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilisers	
(1)	(2)	(3)	(4)	(5)	(6)	
1. rice	-	-	185	-	-	
2. jowar	430	-	154	-	-	
3. bajra	98	-	1364	204	99	
4. maize	-	-	196	-	540	
5. wheat	-	-	332	-	-	
6. barley	-	-	49	-	-	
7. gram	-	-	634	-	-	
8. other pulses	-	99	-	-	-	
9. sugarcane	-	-	10	-	-	
10. cotton	-	-	10	-	-	
11. rape & mustard	-	-	296	349	198	
12. groundnut	121	49	136	-	-	
13. other crop commodities	-	-	45	-	-	
14. all crops	2249	148	3411	553	67	

RM:

Table (5.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Rajasthan		crop : wheat							
size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	
4. 1.25 - 2.49	-	-	-	-	77	124	3856	2700	
5. 2.50 - 4.99	58	58	58	52	-	-	-	-	
6. 5.00 - 7.49	77	132	3085	1851	77	196	3856	3471	
7. 7.50 - 9.99	-	-	-	-	-	-	-	-	
8. 10.00 - 12.49	104	361	12938	13248	-	-	-	-	
9. 12.50 - 14.99	10	30	30	89	-	-	-	-	
10. 15.00 - 19.99	26	69	2280	2737	10	44	2970	1792	
11. 20.00 - 24.99	39	286	3490	12490	-	-	-	-	
12. 25.00 - 29.99	-	-	-	-	-	-	-	-	
13. 30.00 - 49.99	36	444	2325	2088	31	125	2475	2435	
14. 50.00 & above	25	112	859	1419	-	-	-	-	
15. all sizes	375	1492	25065	33974	195	489	13157	10398	

Table (5.5) Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under; quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Rajasthan

Crop : Wheat

size class of operational holdings (acres)	u r e a				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	77	96	3856	2082	-	-	-	-
5. 2.50 - 4.99	154	210	4628	4628	-	-	-	-
6. 5.00 - 7.49	298	396	13262	13011	-	-	-	-
7. 7.50 - 9.99	267	562	14408	14110	86	469	608	1856
8. 10.00 - 12.49	315	658	20159	19284	-	-	-	-
9. 12.50 - 14.99	160	678	40572	33874	-	-	-	-
10. 15.00 - 19.99	157	510	16548	1678	-	-	-	-
11. 20.00 - 24.99	108	584	15528	23369	10	109	2475	1465
12. 25.00 - 29.99	54	388	9316	10392	16	72	3875	2294
13. 30.00 - 49.99	119	1150	46006	4849	7	35	350	455
14. 50.00 & above	56	404	10484	924	1	-	-	-
15. all sizes	1765	5636	194767	195810	119	665	13008	13008

Table (5.5) Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Rajasthan

crop : Wheat

size class of operational holdings (acres)	other fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kgs.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49				
2. 0.50 - 0.99				
3. 1.00 - 1.24				
4. 1.25 - 2.49				
5. 2.50 - 4.99				
6. 5.00 - 7.49				
7. 7.50 - 9.99				
8. 10.00 - 12.49	40	2	195	156
9. 12.50 - 14.99	30	50	990	1010
10. 15.00 - 19.99				
11. 20.00 - 24.99	22	82	2956	1597
12. 25.00 - 29.99				
13. 30.00 - 49.99	30	60	850	604
14. 50.00 & above	8	130	280	280
15. all sizes	100	332	5271	3647

Kit:

Table (5.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop (irrigated by size class of operational holdings).

state : Rajasthan

crop : barley

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	-	-	-	-	-	-	-	-
6. 5.00 - 7.49	77	24	772	463	-	-	-	-
7. 7.50 - 9.99	64	222	127	127	-	-	-	-
8. 10.00 - 12.49	127	190	127	127	-	-	-	-
9. 12.50 - 14.99	-	-	-	-	-	-	-	-
10. 15.00 - 19.99	6	3	300	282	-	-	-	-
11. 20.00 - 24.99	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	8	66	400	368	8	66	200	160
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	282	505	1726	1367	8	66	200	160

Table (5.5) Contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop (irrigated by size class of operational holdings)

state : Rajasthan

crop : barley

size class of operational holdings (acres)	u r e a				other fertilisers				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	154	115	1697	1697	-	-	-	-	-
6. 5.00 - 7.49	222	277	13494	13011	-	-	-	-	-
7. 7.50 - 9.99	346	584	13942	13634	-	-	-	-	-
8. 10.00 - 12.49	134	820	13666	13242	-	-	-	-	-
9. 12.50 - 14.99	20	35	1284	1236	10	20	495	614	-
10. 15.00 - 19.99	30	46	980	942	-	-	-	-	-
11. 20.00 - 24.99	20	86	4902	4706	10	46	1470	706	-
12. 25.00 - 29.99	8	15	1300	720	-	-	-	-	-
13. 30.00 - 49.99	8	24	800	768	23	42	1194	4146	-
14. 50.00 & above	16	204	3312	3150	-	-	-	-	-
15. all sizes	958	2206	54877	53106	43	108	3159	5466	-

Table (5.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop (irrigated by size class of operational holdings).

state : Rajasthan		all crops combined							
size class of operational holdings (acres)		ammonium sulphate				super phosphate			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 1.24	-	-	-	-	-	-	-	-	
2. 1.25 - 2.49	-	-	-	-	154	146	6942	3471	
3. 2.50 - 4.99	58	58	58	52	-	-	-	-	
4. 5.00 - 7.49	77	156	3856	2314	77	196	3856	3471	
5. 7.50 - 9.99	64	222	127	127	-	-	-	-	
6. 10.00 - 12.49	230	790	13188	13438	-	-	-	-	
7. 12.50 - 14.99	10	30	30	89	-	-	-	-	
8. 15.00 - 19.99	26	89	3360	3794	144	285	13002	8000	
9. 20.00 - 24.99	49	306	3981	13666	10	62	990	891	
10. 25.00 - 29.99	-	-	-	-	8	21	870	800	
11. 30.00 - 49.99	36	544	4825	5480	39	215	3838	3641	
12. 50.00 & above	25	198	1578	2138	-	-	-	-	
13. all sizes	575	2393	30943	41298	432	925	29498	20274	

Table (5.5) contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop (irrigated by size class of operational holdings).

state : Rajasthan

all crops combined

size class of operational holdings (acres)	urea				mixed fertilisers				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	116	161	5129	3355	-	-	-	-	-
5. 2.50 - 4.99	366	546	13048	12876	-	-	-	-	-
6. 5.00 - 7.49	222	836	35449	34676	-	-	-	-	-
7. 7.50 - 9.99	508	1232	30504	28786	86	469	6308	1836	-
8. 10.00 - 12.49	306	1788	45076	43778	-	-	-	-	-
9. 12.50 - 14.99	160	918	48693	41380	-	-	-	-	-
10. 15.00 - 19.99	167	1074	39884	38680	-	-	-	-	-
11. 20.00 - 24.99	118	1046	32483	40630	10	109	2475	1465	-
12. 25.00 - 29.99	62	1032	18346	19030	15	172	3875	2294	-
13. 30.00 - 49.99	156	1886	70604	69454	7	63	700	910	-
14. 50.00 & above	79	1168	22488	21596	-	-	-	-	-
15. all sizes	2260	11085	361704	355206	118	713	13358	6505	-



Table (5.5) contd. . Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop (irrigated by size class of operational holdings).

State : Rajasthan

all crops combined

size class of operational holdings (acres)	Other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 9.99	-	-	-	-
2. 10.00 - 12.49	10	8	488	390
3. 12.50 - 14.99	36	78	1605	1744
4. 15.00 - 19.99	-	-	-	-
5. 20.00 - 24.99	22	167	9372	5273
6. 25.00 - 29.99	7	3	700	2240
7. 30.00 - 49.99	30	125	2074	4782
8. 50.00 & above	8	250	560	560
9. all sizes	113	631	41799	14989

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Table (5.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

State : Rajasthan					crop : bajra
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 R.)	
(1)	(2)	(3)	(4)	(5)	
1. ammonium sulphate					
1. 0.01 - 14.99	-	-	-	-	-
2. 15.00 - 19.99	10	37	980	608	
3. 20.00 & above	-	-	-	-	-
4. all sizes	10	37	980	608	
2. urea					
1. 0.01 - 1.24	-	-	-	-	-
2. 1.25 - 2.49	38	44	848	848	
3. 2.50 - 4.99	-	-	-	-	-
4. 5.00 - 7.49	77	144	2776	2776	
5. 7.50 - 9.99	164	96	4076	3727	
6. 10.00 - 12.49	134	310	4410	4296	
7. 12.50 - 14.99	10	35	882	824	
8. 15.00 - 19.99	10	10	294	294	
9. 20.00 - 24.99	-	-	-	-	-
10. 25.00 - 29.99	7	3	350	315	
11. 30.00 & above	-	-	-	-	-
12. all sizes	440	642	13686	15080	
3. mixed fertilisers					
1. 0.01 - 7.49	-	-	-	-	-
2. 7.50 - 9.99	28	86	1262	3384	
3. 10.00 - 24.99	-	-	-	-	-
4. 25.00 - 29.99	8	31	775	450	
5. 30.00 & above	-	-	-	-	-
6. all sizes	36	117	2037	3834	
4. other fertilisers					
1. 0.01 - 14.99	-	-	-	-	-
2. 15.00 - 19.99	10	60	990	594	
3. 20.00 & above	-	-	-	-	-
4. all sizes	10	60	990	594	

Table (5.6) \* Estimated number of holdings reporting use of chemical fertilisers and secured area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

State		all crops combined							
Rajasthan		ammonium sulphate				super phosphate			
class of operational holdings (acre)		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1.	0.01 - 0.49	-	-	-	-	-	-	-	-
2.	0.50 - 0.99	-	-	-	-	-	-	-	-
3.	1.00 - 1.24	-	-	-	-	-	-	-	-
4.	1.25 - 2.49	-	-	-	-	-	-	-	-
5.	2.50 - 4.99	-	-	-	-	-	-	-	-
6.	5.00 - 7.49	-	-	-	-	-	-	-	-
7.	7.50 - 9.99	58	243	4801	3212	-	-	-	-
8.	10.00 - 12.49	58	516	17205	6862	-	-	-	-
9.	12.50 - 14.99	-	-	-	-	-	-	-	-
10.	15.00 - 19.99	10	37	980	608	-	-	-	-
11.	20.00 - 24.99	-	-	-	-	10	158	1485	1336
12.	25.00 - 29.99	-	-	-	-	-	-	-	-
13.	30.00 - 49.99	-	-	-	-	-	-	-	-
14.	50.00 & above	-	-	-	-	-	-	-	-
15.	all sizes	126	796	22486	10702	10	158	1485	1336

Table (5.) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Rajasthan

size class of operational holdings (acres)	no. of holdings reporting (00)	urea				all crop combined mixed fertilisers			
		area (00 acres)	quantity (00 Kg)	value (00 Rs)	no. of holdings reporting	area (00 acres)	quantity (00 Kg)	value (00 Rs)	
		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49									
2. 0.50 - 0.99									
3. 1.00 - 1.24									
4. 1.25 - 2.49	38	44	848	848					
5. 2.50 - 4.99	-	-	-	-					
6. 5.00 - 7.49	145	171	4132	4132					
7. 7.50 - 9.99	164	704	8093	7337	28	86	1262	3384	
8. 10.00 - 12.49	134	310	4410	4295					
9. 12.50 - 14.99	20	80	2448	2341					
10. 15.00 - 19.99	59	258	11330	10158					
11. 20.00 - 24.99	-	-	-	-					
12. 25.00 - 29.99	7	62	2450	2208	8	155	4262	2496	
13. 30.00 - 49.99	8	11	400	382	-	-	-	-	
14. 50.00 & above	-	-	-	-	-	-	-	-	
15. all sizes	575	1640	34111	31708	36	241	5524	5880	

Table (5.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Rajasthan		all crops combined			
size class of operational holdings (acres)		other fertilisers			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg)	value (00 Rs)
(1)		(18)	(19)	(20)	(21)
1.	0.01 - 0.49				
2.	0.50 - 0.99	68	36	2700	6750
3.	1.00 - 1.24				
4.	1.25 - 2.49	68	18	2700	8100
5.	2.50 - 4.99				
6.	5.00 - 7.49				
7.	7.50 - 9.99				
8.	10.00 - 12.49				
9.	12.50 - 14.99				
10.	15.00 - 19.99	10	84	2970	1782
11.	20.00 - 24.99				
12.	25.00 - 29.99				
13.	30.00 - 49.99				
14.	50.00 & above				
15.	all sizes	146	138	8370	16632

Table (6.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Uttar Pradesh

			crop : rice	
size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)		
(1)	(2)	(3)		
1. 0.01 - 0.49	1890	410		
2. 0.50 - 0.99	2975	1395		
3. 1.00 - 1.24	2090			
4. 1.25 - 2.49	7645	61		
5. 2.50 - 4.99	9075	13465		
6. 5.00 - 7.49	3800	8005		
7. 7.50 - 9.99	1895	5120		
8. 10.00 - 12.49	900	3320		
9. 12.50 - 14.99	555	2425		
10. 15.00 - 19.99	565	3405		
11. 20.00 - 24.99	180	1050		
12. 25.00 - 29.99	120	795		
13. 30.00 - 49.99	100	745		
14. 50.00 & above	15	345		
15. all sizes	31795	48625		

State : Uttar Pradesh

			crop : maize	
size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)		
(1)	(2)	(3)		
1. 0.01 - 0.49	405	115		
2. 0.50 - 0.99	890	415		
3. 1.00 - 1.24	685	420		
4. 1.25 - 2.49	2630	2390		
5. 2.50 - 4.99	3605	4920		
6. 5.00 - 7.49	1310	2310		
7. 7.50 - 9.99	820	1530		
8. 10.00 - 12.49	265	980		
9. 12.50 - 14.99	190	365		
10. 15.00 - 19.99	270	1025		
11. 20.00 - 24.99	80	350		
12. 25.00 - 29.99	30	75		
13. 30.00 - 49.99	30	185		
14. 50.00 & above				
15. all sizes	11750	14990		

Table (6.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Uttar Pradesh

			crop : wheat	
size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)		
(1)	(2)	(3)		
1.	0.01 - 0.49	4355	890	
2.	0.50 - 0.99	9155	3960	
3.	1.00 - 1.24	4975	3185	
4.	1.25 - 2.49	19115	16190	
5.	2.50 - 4.99	24710	39685	
6.	5.00 - 7.49	9420	23425	
7.	7.50 - 9.99	4400	14740	
8.	10.00 - 12.49	2405	10195	
9.	12.50 - 14.99	1195	5775	
10.	15.00 - 19.99	1200	7985	
11.	20.00 - 24.99	550	3700	
12.	25.00 - 29.99	160	1205	
13.	30.00 - 49.99	245	1895	
14.	50.00 & above	45	530	
15.	all sizes	81930	133360	

State : Uttar Pradesh

			crop : burley	
size class of operational holding (acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)		
(1)	(2)	(3)		
1.	0.01 - 0.49	1745	260	
2.	0.50 - 0.99	2835	685	
3.	1.00 - 1.24	1560	405	
4.	1.25 - 2.49	6375	2390	
5.	2.50 - 4.99	8295	5380	
6.	5.00 - 7.49	2345	2285	
7.	7.50 - 9.99	1305	1505	
8.	10.00 - 12.49	805	1310	
9.	12.50 - 14.99	420	650	
10.	15.00 - 19.99	425	845	
11.	20.00 - 24.99	195	460	
12.	25.00 - 29.99	80	185	
13.	30.00 - 49.99	105	230	
14.	50.00 & above			
15.	all sizes	26490	16590	

Table (6.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Uttar Pradesh

			crop : sugarcane	
size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)	
(1)	(2)	(3)		
1.	0.01 - 0.49	260	35	
2.	0.50 - 0.99	1745	295	
3.	1.00 - 1.24	1145	405	
4.	1.25 - 2.49	5280	1445	
5.	2.50 - 4.99	9135	5185	
6.	5.00 - 7.49	4525	5000	
7.	7.50 - 9.99	1985	2860	
8.	10.00 - 12.49	1035	1595	
9.	12.50 - 14.99	550	855	
10.	15.00 - 19.99	710	1645	
11.	20.00 - 24.99	230	60	
12.	25.00 - 29.99	110	510	
13.	30.00 - 49.99	125	470	
14.	50.00 & above	15	450	
15.	all sizes	26850	21350	

State : Uttar Pradesh

			crop : rape & mustard	
size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)	
(1)	(2)	(3)		
1.	0.01 - 0.49	210	20	
2.	0.50 - 0.99	480	10	
3.	1.00 - 1.24	305	15	
4.	1.25 - 2.49	2375	365	
5.	2.50 - 4.99	4225	1565	
6.	5.00 - 7.49	1325	890	
7.	7.50 - 9.99	725	470	
8.	10.00 - 12.49	435	325	
9.	12.50 - 14.99	110	145	
10.	15.00 - 19.99	95	130	
11.	20.00 - 24.99	55	170	
12.	25.00 - 29.99	30	40	
13.	30.00 - 49.99	50	305	
14.	50.00 & above			
15.	all sizes	10420	4450	



Table (6.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Uttar Pradesh

size class of operational holding (acres)	crop: other crop commodities		all crops combined	
	estimated number of holdings reporting (00)	gross area irrigated (00 acres)	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)	(2)	(3)	(2)	(3)
1. 0.01 - 0.49	835	130	6010	2085
2. 0.50 - 0.99	1575	425	10350	8065
3. 1.00 - 1.24	1215	388	5770	6665
4. 1.25 - 2.49	5375	1785	20125	36060
5. 2.50 - 4.99	8430	4580	23065	86440
6. 5.00 - 7.49	3745	2675	9905	51395
7. 7.50 - 9.99	1770	1865	4535	33290
8. 10.00 - 12.49	1495	1980	2500	22870
9. 12.50 - 14.99	670	965	1245	13455
10. 15.00 - 19.99	450	530	1235	18555
11. 20.00 - 24.99	330	715	580	9060
12. 25.00 - 29.99	65	370	185	3860
13. 30.00 - 49.99	45	180	245	5115
14. 50.00 & above			45	1325
15. all sizes	25980	16585	85795	298240

Table (6.2): Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Uttar Pradesh

size class of operational holding (acres)		crop : rice	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49	3050	675
2.	0.50 - 0.99	5670	2525
3.	1.00 - 1.24	3415	2100
4.	1.25 - 2.49	11865	11245
5.	2.50 - 4.99	12820	20950
6.	5.00 - 7.49	5680	12230
7.	7.50 - 9.99	2315	8025
8.	10.00 - 12.49	1205	4550
9.	12.50 - 14.99	735	3160
10.	15.00 - 19.99	630	3345
11.	20.00 - 24.99	205	1060
12.	25.00 - 29.99	120	825
13.	30.00 - 49.99	85	175
14.	50.00 & above	40	370
15.	all sizes	47835	71235

crop : maize

1.	0.01 - 0.49	1325	265
2.	0.50 - 0.99	2270	780
3.	1.00 - 1.24	1285	570
4.	1.25 - 2.49	5470	3195
5.	2.50 - 4.99	7150	7390
6.	5.00 - 7.49	3050	4370
7.	7.50 - 9.99	1180	2405
8.	10.00 - 12.49	645	1200
9.	12.50 - 14.99	385	1100
10.	15.00 - 19.99	360	1045
11.	20.00 - 24.99	220	835
12.	25.00 - 29.99	70	140
13.	30.00 - 49.99	80	170
14.	50.00 & above	20	105
15.	all sizes	23510	23570

Table (6.2) . Estimated number of holdings reporting unirrigated crops and gross area unirrigated under different crops by size class of operational holdings

State : Uttar Pradesh

size class of operational holding (acres)		crop : wheat	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)	(2)	(3)	
1. 0.01 - 0.49	1470	330	
2. 0.50 - 0.99	1490	640	
3. 1.00 - 1.24	1495	905	
4. 1.25 - 2.49	5250	4275	
5. 2.50 - 4.99	6460	8010	
6. 5.00 - 7.49	3640	6745	
7. 7.50 - 9.99	2120	4915	
8. 10.00 - 12.49	980	2930	
9. 12.50 - 14.99	520	1925	
10. 15.00 - 19.99	645	2950	
11. 20.00 - 24.99	220	1125	
12. 25.00 - 29.99	175	955	
13. 30.00 - 49.99	170	1140	
14. 50.00 & above	30	320	
15. all sizes	24665	37165	

crop : gram

1. 0.01 - 0.49	470	45
2. 0.50 - 0.99	880	185
3. 1.00 - 1.24	465	160
4. 1.25 - 2.49	4010	1665
5. 2.50 - 4.99	6170	4430
6. 5.00 - 7.49	3135	3245
7. 7.50 - 9.99	1900	3030
8. 10.00 - 12.49	1115	2395
9. 12.50 - 14.99	520	1165
10. 15.00 - 19.99	600	2100
11. 20.00 - 24.99	260	835
12. 25.00 - 29.99	125	735
13. 30.00 - 49.99	190	750
14. 50.00 & above	20	35
15. all sizes	19860	20775

Table (6.2) : Estimated number of holdings reporting un-irrigated crops and gross area unirrigated under different crops by size class of operational holdings

State ; Uttar Pradesh

size class of operational holding (acres)		crop : all crops combined	
		estimated number of holdings reporting (00)	gross area unirrigated (00 acres)
(1)		(2)	(3)
1.	0.01 - 0.49	5910	1810
2.	0.50 - 0.99	9665	6535
3.	1.00 - 1.24	5075	5400
4.	1.25 - 2.49	19175	30390
5.	2.50 - 4.99	23990	69175
6.	5.00 - 7.49	10600	50120
7.	7.50 - 9.99	4685	32805
8.	10.00 - 12.49	2540	20795
9.	12.50 - 14.99	1205	12825
10.	15.00 - 19.99	1310	16795
11.	20.00 - 24.99	615	9410
12.	25.00 - 29.99	265	4280
13.	30.00 - 49.99	290	5635
14.	50.00 & above	40	2575
15.	all sizes	85365	268550

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Table (6.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops separately by crop.

State : Uttar Pradesh

crop	all irrigated crops				
	estimated quantity of fertiliser consumed (tonnes)				
(1)	ammonium sulphate (2)	super phosphate (3)	urea (4)	mixed (5)	other chemical fertilisers (6)
1. rice	7103	1152	51422	6567	4964
2. jowar	-	-	957		
3. bajra	1047	-	2966		
4. maize	5492	990	18012	1147	2483
5. ragi	-	-	355		
6. wheat	26503	8842	231187	42404	30591
7. barley	754	736	8502	2410	614
8. other cereals	-	-	863		
gram	61	75	4167		
10. tur	-	-	169		
11. other pulses	45	174	2192		
12. sugarcane	2565	3758	50967	5842	9513
cotton		-	8		
14. rape & mustard	404	1364	5297	667	820
15. groundnut	-	445	373		
16. other oilseeds	-	-	4		
17. tobacco	768	-	535		
18. spices & condiments	4	-	223		
19. other crop commodity	6624	73	17933	2398	24602
20. not recorded	-	462	1009		
21. all crops	51450	18071	397138	62731	76172

Table (6.4) : Estimated quantity (in tonnes) of different fertilisers applied in unirrigated crops separately by crops

State : Uttar Pradesh

crop	all unirrigated crops				
	estimated quantity of fertiliser applied (tonn)				
	ammonium sulphate	super phosphate	urea	mixed	other chemical fertilise
(1)	(2)	(3)	(4)	(5)	(6)
1. rice	3672	412	46455	2749	1871
2.6 jowar	321	-	547	-	-
3. bajra	69	293	2282	66	44
4. maize	2073	143	11625	1120	2243
5. ragi	582	384	590	98	92
6. wheat	1535	224	6954	2668	406
7. barley	-	-	77	44	-
8. other cereals	-	-	301	34	-
9. gram	-	-	441	-	-
10. tur	10	-	1332	71	12
11. other pulses	-	-	206	-	-
12. sugarcane	570	6	4901	223	1639
13. other fibres	-	-	135	-	-
14. rape & mustard	38	-	636	-	3
15. groundnut	570	165	1033	213	503
16. tobacco	-	-	21	-	-
17. spices & condiments	-	-	3	-	8
18. other crop commodities	29	30	903	16	30
19. not recorded	-	-	185	-	-
20. all crops	14268	1657	78627	7302	9856

Table (6.6) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rice

size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	105	15	2497	1873					
2. 0.50 - 0.99	50	30	260	156					
3. 1.00 - 1.24	75	25	2302	1535	75	25	768	768	
4. 1.25 - 2.49	335	265	6848	6328	40	40	1133	1510	
5. 2.50 - 4.99	470	650	21670	19894					
6. 5.00 - 7.49	215	495	11497	12508	85	235	4480	3943	
7. 7.50 - 9.99	155	310	6538	6908	110	180	2792	2198	
8. 10.00 - 12.49	50	115	3594	2320					
9. 12.50 - 14.99	85	215	5046	3266					
10. 15.00 - 19.99	30	50	2004	1649	35	135	2342	2197	
11. 20.00 - 24.99	35	270	8772	5156					
12. 25.00 & above	-	-	-	-	-	-	-	-	-
13. all sizes	1605	2440	71028	61593	345	615	11515	10616	

Table (6.5) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rice

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	505	85	2712	2712	-	-	-	-
2. 0.50 - 0.99	815	350	7838	7786	105	45	780	4618
3. 1.00 - 1.24	495	325	9158	9894	115	85	2114	12778
4. 1.25 - 2.49	2425	2140	82796	79363	125	25	935	51028
5. 2.50 - 4.99	2770	3300	113293	117036	205	140	6603	4820
6. 5.00 - 7.49	1625	3120	80464	77389	90	95	3298	3269
7. 7.50 - 9.99	740	2120	58425	60471	90	265	8360	7363
8. 10.00 - 12.49	420	1455	59394	58829	35	65	3549	3105
9. 12.50 - 14.99	150	540	28766	29680	20	240	3770	3327
10. 15.00 - 19.99	265	1420	34921	31605	75	485	17346	19119
11. 20.00 - 24.99	60	565	29772	29700	10	110	2218	2218
12. 25.00 - 29.99	45	135	4464	4386				
13. 30.00 - 49.99	10	70	2218	2062	10	70	2218	2661
14. 50.00 & above	-	-	-	-	15	335	14475	13896
15. all sizes	10325	16125	514221	510913	895	1960	65666	128202

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Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rice

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49				
2. 0.50 - 0.99	230	170	24250	614
3. 1.00 - 1.24	15	10	386	231
4. 1.25 - 2.49	85	25	586	644
5. 2.50 - 4.99	140	640	19819	18508
6. 5.00 - 7.49				
7. 7.50 - 9.99	80	155	3160	2614
8. 10.00 - 12.49	10	50	776	920
9. 12.50 - 14.99	10	15	111	133
10. 15.00 - 19.99	10	155	554	554
11. 20.00 & above	-	-	-	-
12. all sizes	580	1220	49642	24218

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : maize

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	50	25	336	336
3. 1.00 - 1.24	75	35	3337	2148	-	-	-	-
4. 1.25 - 2.49	230	190	4933	3607	-	-	-	-
5. 2.50 - 4.99	385	590	36070	32672	30	80	3208	1925
6. 5.00 - 7.49	105	125	3361	3126	30	30	1604	962
7. 7.50 - 9.99	95	130	3144	2273	30	75	3209	2054
8. 10.00 - 12.49	45	40	2184	1708	-	-	-	-
9. 12.50 - 14.99	15	30	1541	924	-	-	-	-
10. 15.00 - 19.99	-	-	-	-	30	50	1541	1510
11. 20.00 & above	-	-	-	-	-	-	-	-
12. all sizes	950	1140	54925	46463	170	260	9093	6787

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : maize

size class of operational holdings (acres)	u r e a				mixed fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 ₹)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 ₹)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	110	25	840	840	-	-	-	-
2. 0.50 - 0.99	155	60	2533	2302	-	-	-	-
3. 1.00 - 1.24	205	145	5632	5555	-	-	-	-
4. 1.25 - 2.49	625	705	29114	27732	-	-	-	-
5. 2.50 - 4.99	1085	1550	100222	93602	-	-	-	-
6. 5.00 - 7.49	315	595	16624	17026	30	65	3208	1604
7. 7.50 - 9.99	140	215	8179	8164	30	50	1604	482
8. 10.00 - 12.49	75	75	3946	3835	25	50	2988	2102
9. 12.50 - 14.99	-	-	-	-	-	-	-	-
10. 15.00 - 19.99	90	340	5076	5076	30	160	3666	3272
11. 20.00 - 24.99	25	35	1763	1763	-	-	-	-
12. 25.00 - 29.99	5	15	802	802	-	-	-	-
13. 30.00 - 49.99	15	125	5394	5394	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	2845	3885	180125	172091	115	325	11466	7460

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : maize

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 ₹)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	75	25	1688	921
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	75	50	3454	2302
5. 2.50 - 4.99	45	25	426	256
6. 5.00 - 7.49	-	-	-	-
7. 7.50 - 9.99	-	-	-	-
8. 10.00 - 12.49	15	90	15410	3852
9. 12.50 - 14.99	-	-	-	-
10. 15.00 - 19.99	30	125	2312	2466
11. 20.00 - 24.99	15	110	1541	1541
12. 25.00 & above	-	-	-	-
13. all sizes	255	425	24831	11338

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh				crop : Wheat					
size class of operational holdings (acres)		Ammonium Sulphate				Super Phosphate			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 -	0.49	50	10	520	624				
2. 0.50 -	0.99	190	130	6404	4756	175	65	1000	
3. 1.00 -	1.24	140	150	26409	10000	75	70	2302	
4. 1.25 -	2.49	305	290	7750	5990	375	420	15592	
5. 2.50 -	4.99	1345	2700	103745	91540	430	730	24004	
6. 5.00 -	7.49	390	710	25332	24106	90	265	11060	
7. 7.50 -	9.99	300	1055	33920	27420	230	595	14004	
8. 10.00 -	12.49	165	530	22662	19957	65	245	4404	
9. 12.50 -	14.99	40	195	1553	1250	15	75	1040	
10. 15.00 -	19.99	55	300	16532	15902	30	235	7705	
11. 20.00 -	24.99	45	290	0939	5323	10	30	007	
12. 25.00 -	29.99	10	60	3082	4813	10	60	2210	
13. 30.00 -	49.99	15	15	1541	924				
14. 50.00 & above		10	45	032	032	10	45	032	
15. all sizes		3220	6640	265029	213533	1515	2035	08425	
								72202	

Table (6,5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Uttar Pradesh

crop : Wheat

size class of operational holdings (acres)	u r e a				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quan- tity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quan- tity (00 kg)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	1410	325	17290	17449	50	10	624	416
2. 0.50 - 0.99	3565	1505	62628	56063	260	155	4570	4266
3. 1.00 - 1.24	2110	1160	52239	50264	220	160	8350	22441
4. 1.25 - 2.49	8930	7840	236207	279720	595	640	33506	34006
5. 2.50 - 4.99	11495	16555	500904	762614	1555	2325	116150	100016
6. 5.00 - 7.49	5080	12115	414690	395121	620	755	30902	41026
7. 7.50 - 9.99	2160	6525	223706	224500	435	1245	71512	81350
8. 10.00 - 12.49	1490	5570	216111	215530	255	950	27023	25260
9. 12.50 - 14.99	835	3565	138214	157512	155	610	16427	19595
10. 15.00 - 19.99	805	4470	154987	147104	250	1665	54108	54252
11. 20.00 - 24.99	260	1935	70412	78945	90	575	20937	23100
12. 25.00 - 29.99	105	610	30240	32121	20	155	13308	15970
13. 30.00 - 49.99	105	965	51931	49982	10	110	3327	3992
14. 50.00 & above	10	45	2218	2041	15	335	14175	13096
15. all sizes	30440	63125	2311873	2463859	4530	9690	424035	529266

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh				crop : Wheat			
size class of operational holdings (acres)				other fertilisers			
				no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 kg)
(1)	(2)	(3)	(18)	(19)	(20)	(21)	
1.	0.01 -	0.49	-	-	-	-	
2.	0.50 -	0.99	200	150	10858	6410	
3.	1.00 -	1.24	40	110	9430	8562	
4.	1.25 -	2.49	760	770	39766	35002	
5.	2.50 -	4.99	1555	2685	76082	79393	
6.	5.00 -	7.49	505	1190	47442	47234	
7.	7.50 -	9.99	325	1215	27296	35579	
8.	10.00 -	12.49	250	1075	20206	21021	
9.	12.50 -	14.99	125	475	19968	16477	
10.	15.00 -	19.99	85	545	17628	9754	
11.	20.00 -	24.99	70	330	15306	19261	
12.	25.00 -	29.99	-	-	-	-	
13.	30.00 -	49.99	80	330	14004	18684	
14.	50.00 &	above	20	140	7116	8539	
15.	all sizes		4095	9015	305910	305916	

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

state : Uttar Pradesh				crop : Barley							
size class of operational holdings (acres)				ammonium sulphate				super phosphate			
				no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
1.	0.01 - 1.24	-	-	-	-	-	-	-			
2.	1.25 - 2.49	50	15	468	312	50	25	1040	882		
3.	2.50 - 4.99	75	15	1218	1218	135	100	3268	2841		
4.	5.00 - 7.49	-	-	-	-	-	-	-	-		
5.	7.50 - 9.99	75	140	2971	1911	90	155	1923	1679		
6.	10.00 - 12.49	20	35	688	377	25	55	954	621		
7.	12.50 - 14.99	10	25	138	210	-	-	-	-		
8.	15.00 - 19.99	15	30	154	154	-	-	-	-		
9.	20.00 - 24.99	30	40	1178	645	10	10	111	88		
10.	25.00 & above	-	-	-	-	-	-	-	-		
11.	a l l s i z e s	275	300	7542	5527	320	345	7361	5561		



Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

state : Uttar Pradesh

crop : barley

size class of operational holdings (acres)	urea				mixed fertiliser			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	310	50	1717	1717	50	10	520	416
2. 0.50 - 0.99	570	90	3746	3746	-	-	-	-
3. 1.00 - 1.24	335	80	1912	1935	-	-	-	-
4. 1.25 - 2.49	1515	515	15146	15094	100	20	1237	1237
5. 2.50 - 4.99	1890	1085	24442	24550	360	255	9790	9714
6. 5.00 - 7.49	580	625	10167	10123	-	-	-	-
7. 7.50 - 9.99	135	180	6318	5978	90	60	1325	1325
8. 10.00 - 12.49	160	240	6920	6861	65	110	4270	3571
9. 12.50 - 14.99	150	260	8022	7798	40	130	3217	3461
10. 15.00 - 19.99	105	175	3170	3170	35	75	985	985
11. 20.00 - 24.99	45	135	2331	2260	10	15	1664	2162
12. 25.00 - 29.99	10	30	554	510	-	-	-	-
13. 30.00 - 49.99	10	35	554	510	10	35	1109	1331
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	5885	3480	85015	84080	760	710	24097	24182

Table (3.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

state : Uttar Pradesh

crop : barley

size class of operational holdings (acres)				other fertilisers			
				no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)				(18)	(19)	(20)	(21)
1.	0.01	-	0.49	-	-	-	-
2.	0.50	-	0.99	50	-	104	104
3.	1.00	-	1.24	-	-	-	-
4.	1.25	-	2.49	-	-	-	-
5.	2.50	-	4.99	90	80	2143	1243
6.	5.00	-	7.49	-	-	-	-
7.	7.50	-	9.99	45	55	2343	2025
8.	10.00	-	12.49	10	20	100	58
9.	12.50	-	14.99	10	25	868	332
10.	15.00	-	19.99	10	20	776	776
11.	20.00	&	above	-	-	-	-
12.	all sizes			215	200	6137	5036

Table (6.5) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop indicated by size class of operational holdings

State : Uttar Pradesh

crop : sugarcane

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(00)	(00)	(00)	(00)	(00)	(00)	(00)	(00)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	50	10	104	52	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	75	15	768	768
4. 1.25 - 2.49	95	15	4602	550	-	-	-	-
5. 2.50 - 4.99	165	100	4448	2772	90	10	884	530
6. 5.00 - 7.49	110	150	5341	4938	45	90	11103	10498
7. 7.50 - 9.99	50	40	1852	1364	125	175	21675	23305
8. 10.00 - 12.49	60	135	6047	4905	-	-	-	-
9. 12.50 - 14.99	10	10	111	133	30	25	1604	642
10. 15.00 - 19.99	10	25	2218	2750	15	20	1541	1479
11. 20.00 - 24.99	15	30	308	308	-	-	-	-
12. 25.00 - 29.99	15	135	4623	2404	-	-	-	-
13. 30.00 - 49.99	-	-	-	-	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	580	650	25654	20176	380	335	37575	37222

Table (6.5)

: Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : sugarcane

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(00)	(11)	(12)	(13)	(00)	(15)	(16)	(17)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	105	20	312	312	-	-	-	-
2. 0.50 - 0.99	470	80	2501	2497	-	-	-	-
3. 1.00 - 1.24	170	40	1759	1698	-	-	-	-
4. 1.25 - 2.49	1555	490	21050	20743	50	45	936	936
5. 2.50 - 4.99	2415	1733	93372	96121	210	135	19428	18108
6. 5.00 - 7.49	1510	1805	110244	108202	75	95	2848	2656
7. 7.50 - 9.99	525	1135	58123	60176	90	180	6918	14863
8. 10.00 - 12.49	380	685	53520	55018	10	25	554	688
9. 12.50 - 14.99	210	520	41178	40098	35	40	3327	2252
10. 15.00 - 19.99	390	1125	73432	71118	65	230	9375	8746
11. 20.00 - 24.99	65	245	3975	6920	10	15	554	554
12. 25.00 - 29.99	50	375	30150	26777	-	-	-	-
13. 30.00 - 49.99	50	405	16957	16494	-	-	-	-
14. 50.00 above					15	435	14475	13896
15. all sizes	7895	8520	509673	506174	560	1200	58415	62699

Table (6.5)

Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : sugarcane

size class of operational holdings (acres)	no. of holdings reporting (00) (18)	other fertilisers		
		area (00 acres) (19)	quantity (00 T.) (20)	value (00 Rs.) (21)
1. 0.01 - 0.49				
2. 0.50 - 0.99	75	30	2840	1458
3. 1.00 - 1.24	15	95	23115	3698
4. 1.25 - 2.49	75	45	3837	1304
5. 2.50 - 4.99	400	350	21888	21277
6. 5.00 - 7.49	-	-	-	-
7. 7.50 - 9.99	85	120	6148	4228
8. 10.00 - 12.49	35	105	18614	16741
9. 12.50 - 14.99	65	180	6129	6122
10. 15.00 - 19.99	40	190	6333	2774
11. 20.00 - 24.99	-	-	-	-
12. 25.00 - 29.99	-	-	-	-
13. 30.00 - 49.99	20	215	6226	7116
14. 50.00 & above				
15. all sizes	810	1330	95130	64718

Table (6.5) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rape & mustard

size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 %g.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 %g.)	value (00 Rs.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 1.24	-	-	-	-	-	-	-	-	-
2. 1.25 - 2.49	50	5	104	52	-	-	-	-	-
3. 2.50 - 4.99	250	60	2584	1312	75	145	5026	3101	-
4. 5.00 - 7.49	85	35	1408	1300	-	-	-	-	-
5. 7.50 - 9.99	65	20	364	213	80	40	1367	1269	-
6. 10.00 - 12.49	35	15	266	144	20	10	133	100	-
7. 12.50 - 14.99	-	-	-	-	20	70	7116	2988	-
8. 15.00 - 19.99	10	5	111	133	-	-	-	-	-
9. 20.00 & above	-	-	-	-	-	-	-	-	-
10. all sizes	495	140	4837	3219	195	265	13642	7458	-

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Table (6.5) contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rape & mustard

size class of operational holdings (acres)	urea				mixed fertilisers				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	
	(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	105	20	572	572	-	-	-	-	-
2. 0.50 - 0.99	210	10	208	208	-	-	-	-	-
3. 1.00 - 1.24	105	5	104	104	-	-	-	-	-
4. 1.25 - 2.49	1005	245	8143	8143	-	-	-	-	-
5. 2.50 - 4.99	1955	490	16876	16384	90	40	556	556	
6. 5.00 - 7.49	475	330	14831	13622	95	75	4540	4366	
7. 7.50 - 9.99	270	95	2642	2624	20	10	889	800	
8. 10.00 - 12.49	140	80	3586	3480	20	10	133	100	
9. 12.50 - 14.99	45	80	1770	1717	-	-	-	-	
10. 15.00 - 19.99	25	50	114	114	10	10	554	566	
11. 20.00 - 24.99	10	10	332	332	-	-	-	-	
12. 25.00 - 29.99	-	-	-	-	-	-	-	-	
13. 30.00 - 49.99	20	105	3558	3416	-	-	-	-	
14. 50.00 & above									
15. all sizes	4365	1520	52936	50716	235	145	6672	6388	

Table (6.5) contd. Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rape & mustard

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	-	-	-	-
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	50	5	240	240
5. 2.50 - 4.99	315	60	1776	1254
6. 5.00 - 7.49	60	-	391	391
7. 7.50 - 9.99	15	-	185	1541
8. 10.00 - 12.49	30	40	2045	1400
9. 12.50 - 14.99	-	-	-	-
10. 15.00 - 19.99	-	-	-	-
11. 20.00 - 24.99	-	-	-	-
12. 25.00 - 29.99	-	-	-	-
13. 30.00 - 49.99	20	120	3556	4626
14. 50.00 & above				
15. all sizes	490	225	8195	9452



Table (8.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Uttar Pradesh		crop : other crop commodities									
size class of operational holdings (acres)		ammonium sulphate				super phosphate					
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00Rs)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)			
1.	0.01 - 0.49	-	-	-	-	-	-	-			
2.	0.50 - 0.99	340	105	11322	6344	-	-	-			
3.	1.00 - 1.24	140	80	9393	7732	-	-	-			
4.	1.25 - 2.49	50	5	144	25	-	-	-			
5.	2.50 - 4.99	305	120	17852	16639	45	5	265	135		
6.	5.00 - 7.49	245	30	1562	410	-	-	-			
7.	7.50 - 9.99	95	130	10427	9360	-	-	-			
8.	10.00 - 12.49	60	110	5092	5691	55	30	484	434		
9.	12.50 - 14.99	-	-	-	-	-	-	-			
10.	15.00 - 19.99	-	-	-	-	-	-	-			
11.	20.00 - 24.99	30	130	3626	6417	-	-	-			
12.	25.00 & above	-	-	-	-	-	-	-			
13.	all sizes	1265	800	60233	53197	100	35	729	566		

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Uttar Pradesh

crop : other crop commodities

size class of operational holdings (acres)	area				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)
	(1)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	155	20	643	588				
2. 0.50 - 0.99	640	135	18054	10943				
3. 1.00 - 1.24	325	135	3250	3274	50	20	520	520
4. 1.25 - 2.49	1520	598	30905	30134	50	5	260	230
5. 2.50 - 4.99	1435	500	39130	37398	135	35	2400	2320
6. 5.00 - 7.49	950	450	17139	13723	150	55	12601	10351
7. 7.50 - 9.99	415	540	26324	30740	125	185	4450	8536
8. 10.00 - 12.49	335	360	13420	13126	35	30	2500	2407
9. 12.50 - 14.99	205	130	9371	9373	35	10	310	244
10. 15.00 - 19.99	130	70	3974	3333	10	15	277	277
11. 20.00 - 24.99	55	170	5136	5100	10	5	554	721
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	15	60	3032	2774	10	3	111	133
14. 50.00 & above								
15. all sizes	6230	3245	179333	164750	660	355	26908	21113

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Uttar Pradesh

crop : other crop commodities

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (19)	area (00 acres)	quantity (00 kg.)	value (00 Rs)
(1)	(13)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	220	55	2280	2100
3. 1.00 - 1.24	15	20	770	662
4. 1.25 - 2.49	130	230	13431	9830
5. 2.50 - 4.99	533	600	170062	113776
6. 5.00 - 7.49	30	15	1706	1180
7. 7.50 - 9.99	65	20	2038	324
8. 10.00 - 12.49	98	255	54574	33635
9. 12.50 - 14.99	55	20	362	303
10. 15.00 - 19.99	10	20	337	337
11. 20.00 & above	-	-	-	-
12. all sizes	1315	1235	246016	163270

Table (6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings.

State : Uttar Pradesh

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	105	25	3018	2497	-	-	-	-
2. 0.50 - 0.99	375	275	18090	11808	175	90	2144	2144
3. 1.00 - 1.24	345	290	42446	21416	75	110	3837	3837
4. 1.25 - 2.49	655	795	20964	16986	425	500	18182	14466
5. 2.50 - 4.99	1735	4540	206890	180584	475	1120	38370	24734
6. 5.00 - 7.49	480	1600	51888	49225	135	620	29048	26420
7. 7.50 - 9.99	485	1965	61624	51364	390	1340	50724	47912
8. 10.00 - 12.49	250	980	40442	35102	125	415	10657	9116
9. 12.50 - 14.99	100	475	8418	5793	65	170	10570	5634
10. 15.00 - 19.99	70	490	21017	20588	50	440	13129	12646
11. 20.00 - 24.99	95	790	28823	17850	10	40	998	920
12. 25.00 - 29.99	25	195	8504	7217	10	60	2218	1597
13. 30.00 - 49.99	15	15	1541	924				
14. 50.00 & above	10	45	832	832	10	45	832	998
15. all sizes	4745	12480	514497	422186	1945	4950	180709	150424

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Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holding

State : Uttar Pradesh

crop : all crops combined

size class of operational holdings (acres)	urea				mixed fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	2010	545	24205	24304	105	20	1144	832
2. 0.50 - 0.99	4130	2390	99799	88640	310	210	5879	5566
3. 1.00 - 1.24	2625	1895	75559	74028	270	265	10992	39576
4. 1.25 - 2.49	9890	13075	489224	476773	775	745	37239	89712
5. 2.50 - 4.99	12885	27022	1017748	1194291	1725	2975	157744	226412
6. 5.00 - 7.49	5670	19765	680211	654012	900	1150	65706	63880
7. 7.50 - 9.99	2575	11475	416450	414800	560	2110	93268	113748
8. 10.00 - 12.49	1595	8770	367900	367527	295	1315	44415	39686
9. 12.50 - 14.99	850	5270	237018	249414	175	1035	27219	28989
10. 15.00 - 19.99	880	7870	279491	265856	295	2655	87062	87958
11. 20.00 - 24.99	280	3200	125757	127093	95	720	25928	28756
12. 25.00 - 29.99	105	1165	66210	64597	20	155	13308	15970
13. 30.00 - 49.99	185	1955	89594	86301	10	310	8983	10780
14. 50.00 & above	10	45	2718	2040	15	1105	43425	41683
15. all sizes	43690	104442	3971384	4089675	5550	14770	627312	792563

Table (6.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : all crops combined

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	450	430	42008	11615
3. 1.00 - 1.24	40	235	33709	12954
4. 1.25 - 2.49	870	1140	61780	49642
5. 2.50 - 4.99	1965	4585	310050	251994
6. 5.00 - 7.49	585	1230	49600	49462
7. 7.50 - 9.99	500	1615	44460	50250
8. 10.00 - 12.49	350	1650	111850	77764
9. 12.50 - 14.99	170	715	27736	24372
10. 15.00 - 19.99	125	1130	22243	17982
11. 20.00 - 24.99	85	510	18080	22034
12. 25.00 - 29.99	-	-	-	-
13. 30.00 - 49.99	95	735	26068	32050
14. 50.00 & above	20	140	7116	8539
15. all sizes	5255	14115	761718	608668

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Table (6.6) Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Uttar Pradesh

crop : rice

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	50	10	312	312	-	-	-	-
2. 0.50 - 0.99	50	5	52	52	-	-	-	-
3. 1.00 - 1.24	155	140	11511	11511	-	-	-	-
4. 1.25 - 2.49	725	500	16138	8909	75	35	384	384
5. 2.50 - 4.99	210	220	10032	7030	100	145	1880	1924
6. 5.00 - 7.49	110	100	2825	12851	45	40	1325	1325
7. 7.50 - 9.99	110	275	14146	7825	-	-	-	-
8. 10.00 - 12.49	50	155	2422	1348	10	25	532	310
9. 12.50 - 14.99	35	375	23954	23067	-	-	-	-
10. 15.00 - 19.99	10	35	3327	3327	-	-	-	-
11. 20.00 & above	-	-	-	-	-	-	-	-
12. all sizes	1505	1815	84719	76232	230	245	4121	3943

Table (5.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

crop : rice

size class of operational holdings (acres)	no. of holdings reporting (00)	other fertilisers		
		area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49	-	-	-	-
2. 0.50 - 0.99	105	65	2497	2185
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	95	80	4088	3068
5. 2.50 - 4.99	135	335	5963	6007
6. 5.00 - 7.49	-	-	-	-
7. 7.50 - 9.99	-	-	-	-
8. 10.00 - 12.49	95	450	4724	4584
9. 12.50 - 14.99	20	50	1442	1796
10. 15.00 & above	-	-	-	-
11. all sizes	280	980	18714	17640

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Table ( 5.6 ) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

Crop : Maize

size class of operational holdings (acres)	ammonium sulphate				super phosphate				
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 = 0.49	50	15	260	156	-	-	-	-	-
2. 0.50 = 0.99	-	-	-	-	75	10	230	230	-
3. 1.00 = 1.24	75	45	3832	3837	-	-	-	-	-
4. 1.25 = 2.49	155	45	884	676	-	-	-	-	-
5. 2.50 = 4.99	205	230	11596	8364	90	105	1199	1199	-
6. 5.00 = 7.49	90	100	1744	1744	-	-	-	-	-
7. 7.50 = 9.99	50	90	1960	1318	-	-	-	-	-
8. 10.00 = 12.49	-	-	-	-	-	-	-	-	-
9. 12.50 = 14.99	20	10	444	554	-	-	-	-	-
10. 15.00 & above	-	-	-	-	-	-	-	-	-
11. all sizes	645	535	20725	16649	165	115	1429	1429	-

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Table (8.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

Crop : Maize

size class of operational holdings (acres)	no. of holdings reporting (00)	u r e a			mixed fertilisers			
		area (00 acres)	quantity (00 kg.)	v a l u e (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	v a l u e (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	155	45	1977	1925	50	10	520	416
2. 0.50 - 0.99	105	25	676	676	-	-	-	-
3. 1.00 - 1.24	155	115	7674	2686	-	-	-	-
4. 1.25 - 2.49	935	620	25164	21891	50	5	260	260
5. 2.50 - 4.99	11102	1065	34162	33952	95	130	3432	2210
6. 5.00 - 7.49	640	720	16985	16716	-	-	-	-
7. 7.50 - 9.99	45	50	1758	1726	-	-	-	-
8. 10.00 - 12.49	95	105	3740	3534	35	70	6269	4044
9. 12.50 - 14.99	140	360	12437	7237	-	-	-	-
10. 15.00 - 19.99	70	215	5732	5643	10	10	554	554
11. 20.00 - 24.99	35	65	2274	2496	10	10	166	166
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	25	75	3666	3539	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	3510	3460	116245	102021	250	240	11201	

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Table (6.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

Crop : Maize

size class of operational holdings (acres)		o t h e r . . f e r t i l i s e r s			
		no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	v a l u e (00 Rs.)
(1)		(18)	(19)	(20)	(21)
1.	0.01 - 2.49	-	-	-	-
2.	2.50 = 4.99	210	320	19118	14650
3.	5.00 = 7.49	45	65	442	309
4.	7.50 = 9.99	45	120	1678	839
5.	10.00 = 12.49	-	-	-	-
6.	12.50 = 14.99	45	55	530	398
7.	15.00 = 19.99	10	30	666	666
8.	20.00 & above	-	-	-	-
9.	all size	355	590	22434	16082

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Table (6.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

state : Uttar Pradesh		Crop : Wheat		
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>1. ammonium sulphate</u>				
1. 0.01 - 0.99	-	-	-	-
2. 1.00 - 1.24	155	175	15340	15340
3. 1.25 & above	-	-	-	-
4. all sizes	155	175	15340	15340
<u>2. super phosphate</u>				
1. 0.01 - 1.24	-	-	-	-
2. 1.25 - 2.49	50	25	960	960
3. 2.50 - 4.99	45	50	1200	602
4. 5.00 & above	-	-	-	-
5. all sizes	95	75	2240	1642
<u>3. urea</u>				
1. 0.01 - 0.99	-	-	-	-
2. 1.00 - 1.24	50	15	144	144
3. 1.25 - 2.49	155	75	1404	1404
4. 2.50 - 4.99	350	505	9780	11142
5. 5.00 - 7.49	295	520	14588	15918
6. 7.50 - 9.99	110	395	10060	17972
7. 10.00 - 12.49	65	255	16288	14257
8. 12.50 - 14.99	70	280	4374	4250
9. 15.00 - 19.99	15	45	2312	2312
10. 20.00 - 24.99	20	25	71	71
11. 25.00 - 29.99	-	-	-	-
12. 30.00 - 49.99	30	25	738	738
13. 50.00 & above	20	90	1779	2135
14. all sizes	1180	2230	69538	70545

Table (6.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

state : Uttar Pradesh

Crop : Wheat

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
<u>4. mixed fertilisers</u>				
1. 0.01 - 0.99	-	-	-	-
2. 1.00 - 1.24	40	35	830	733
3. 1.25 - 2.49	90	75	5731	4496
4. 2.50 - 4.99	80	170	3434	3402
5. 5.00 - 7.49	15	95	4342	4169
6. 7.50 - 9.99	15	120	1448	1390
7. 10.00 - 12.49	45	190	10432	11015
8. 12.50 - 14.99	-	-	-	-
9. 15.00 - 19.99	15	15	462	462
10. 20.00 & above	-	-	-	-
11. all sizes	300	700	26679	25667
<u>5. other fertilisers</u>				
1. 0.01 - 7.49	-	-	-	-
2. 7.50 - 9.99	30	5	224	192
3. 10.00 - 12.49	75	230	3037	3454
4. 12.50 & above	-	-	-	-
5. all sizes	105	235	4061	3646

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Table (6.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
1. 0.01 - 0.49	105	25	572	468	-	-	-	-
2. 0.50 - 0.99	125	70	2354	1587	155	105	5526	4912
3. 1.00 - 1.24	205	875	31184	31132	-	-	-	-
4. 1.25 - 2.49	775	555	17334	9742	125	85	2305	2305
5. 2.50 - 4.99	610	595	23546	17014	230	300	4558	3806
6. 5.00 - 7.49	240	285	6530	15576	45	40	1325	1325
7. 7.50 - 9.99	190	585	22324	14277	45	105	1913	1241
8. 10.00 - 12.49	85	215	3696	2650	10	25	532	310
9. 12.50 - 14.99	55	535	26177	24689	-	-	-	-
10. 15.00 - 19.99	10	35	3327	3327	10	5	554	355
11. 20.00 - 24.99	10	55	5434	2772	10	5	56	56
12. 25.00 & above	-	-	-	-	-	-	-	-
13. all sizes	2410	3330	142578	123234	630	670	16568	14310

Table (6.6) contd.

Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State		Uttar Pradesh		crop : all crops combined						
size class of operational holdings (acres)		urea				mixed fertilisers				
		no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 Kg.)	value (00 Rs.)	
(1)		(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1.	0.01 - 0.49	975	220	6472	6420	50	10	520	416	
2.	0.50 - 0.99	1535	770	23444	23340	105	55	1508	1404	
3.	1.00 - 1.24	1090	585	20720	15472	90	85	2037	1882	
4.	1.25 - 2.49	3885	4050	122719	118065	285	260	8810	7946	
5.	2.50 - 4.99	5275	8325	211350	230354	395	540	12874	10058	
6.	5.00 - 7.49	2180	5210	126050	151878	105	335	12218	11871	
7.	7.50 - 9.99	755	2105	61240	60029	105	490	10325	10509	
8.	10.00 - 12.49	525	2415	74454	70560	90	370	19088	17816	
9.	12.50 - 14.99	305	1505	46233	36720	10	10	222	222	
10.	15.00 - 19.99	210	1030	40412	37529	25	30	1017	1017	
11.	20.00 - 24.99	140	906	29260	28596	20	165	4048	2717	
12.	25.00 - 29.99	45	150	5212	4924	-	-	-	-	
13.	30.00 - 49.99	55	230	8701	8432	-	-	-	-	
14.	50.00 & above	30	465	10004	11694	-	-	-	-	
15.	all sizes	17005	27966	786271	804013	1280	2350	73017	65858	

Table (6.6) contd. : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings

State : Uttar Pradesh

crop : all crops combined

size class of operational holdings (acres)	other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(18)	(19)	(20)	(21)
1. 0.01 - 0.49				
2. 0.50 - 0.99	145	88	3026	3771
3. 1.00 - 1.24	-	-	-	-
4. 1.25 - 2.49	150	115	4348	3224
5. 2.50 - 4.99	520	800	30354	23724
6. 5.00 - 7.49	45	65	442	309
7. 7.50 - 9.99	75	126	1935	1160
8. 10.00 - 12.49	115	710	11230	9817
9. 12.50 - 14.99	65	165	2637	3015
10. 15.00 - 19.99	10	30	666	666
11. 20.00 - 24.99	10	45	2218	887
12. 25.00 - 29.99	10	40	39924	222
13. 30.00 - 49.99	20	105	1779	2312
14. 50.00 & above	-	-	-	-
15. all sizes	1165	2289	98559	49107



Table (7.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Punjab		
size class of operational holding (acres)	c r o p : b a j r a	
	estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)	(2)	(3)
1. 0.01 - 0.49	-	-
2. 0.50 - 0.99	-	-
3. 1.00 - 1.24	-	-
4. 1.25 - 2.49	12	18
5. 2.50 - 4.99	6	14
6. 5.00 - 7.49	2	9
7. 7.50 - 9.99	16	59
8. 10.00 - 12.49	4	26
9. 12.50 - 14.99	2	8
10. 15.00 - 19.99	5	46
11. 20.00 - 24.99	2	36
12. 25.00 - 29.99	-	-
13. 30.00 - 49.99	2	52
14. 50.00 & above	-	-
15. all sizes	51	268
c r o p : w h e a t		
1. 0.01 - 0.49	-	-
2. 0.50 - 0.99	-	-
3. 1.00 - 1.24	-	-
4. 1.25 - 2.49	24	38
5. 2.50 - 4.99	6	16
6. 5.00 - 7.49	32	84
7. 7.50 - 9.99	28	170
8. 10.00 - 12.49	16	107
9. 12.50 - 14.99	4	30
10. 15.00 - 19.99	12	120
11. 20.00 - 24.99	2	36
12. 25.00 - 29.99	-	-
13. 30.00 - 49.99	2	52
14. 50.00 & above	-	-
15. all sizes	126	653

Table (7.1) : Estimated number of holdings reporting irrigated crops and gross area irrigated under different crops by size class of operational holdings

State : Delhi

size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area irrigated (00 acres)
(1)		(2)	(3)
<u>all crops combined</u>			
1.	0.01 - 0.49	12	5
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	12	12
4.	1.25 - 2.49	24	56
5.	2.50 - 4.99	6	30
6.	5.00 - 7.49	32	96
7.	7.50 - 9.99	28	233
8.	10.00 - 12.49	18	144
9.	12.50 - 14.99	4	38
10.	15.00 - 19.99	14	185
11.	20.00 - 24.99	2	72
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	2	104
14.	50.00 & above	-	-
15.	all sizes	154	972
<u>baria</u>			
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	-	-
4.	1.25 - 2.49	24	5
5.	2.50 - 4.99	15	24
6.	5.00 - 7.49	30	77
7.	7.50 - 9.99	26	62
8.	10.00 - 12.49	16	70
9.	12.50 - 14.99	4	28
10.	15.00 - 19.99	10	55
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	125	321

**Table (7.2) : Estimated number of holdings reporting un-irrigated crops and gross area un-irrigated under different crops by size class of operational holdings**

State : Delhi

size class of operational holding (acres)		estimated number of holdings reporting (00)	gross area un-irrigated (00 acres)
(1)		(2)	(3)
<u>crop : wheat</u>			
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	-	-
4.	1.25 - 2.49	-	-
5.	2.50 - 4.99	12	24
6.	5.00 - 7.49	14	14
7.	7.50 - 9.99	8	18
8.	10.00 - 12.49	6	22
9.	12.50 - 14.99	-	-
10.	15.00 - 19.99	-	-
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	40	78
<u>crop : gram</u>			
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	-	-
4.	1.25 - 2.49	-	-
5.	2.50 - 4.99	12	8
6.	5.00 - 7.49	16	44
7.	7.50 - 9.99	6	18
8.	10.00 - 12.49	4	17
9.	12.50 - 14.99	-	-
10.	15.00 - 19.99	1	5
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	39	92

Table (7.2) : Estimated number of holdings reporting un-irrigated crops and gross area un-irrigated under different crops by size class of operational holdings

State : Delhi

	size class of operational holdings (acres)	estimated number of holdings reporting (00)	gross area un-irrigated (00 acres)
	(1)	(2)	(3)
<u>all crops combined</u>			
1.	0.01 - 0.49	-	-
2.	0.50 - 0.99	-	-
3.	1.00 - 1.24	12	12
4.	1.25 - 2.49	24	5
5.	2.50 - 4.99	28	86
6.	5.00 - 7.49	30	160
7.	7.50 - 9.99	26	121
8.	10.00 - 12.49	20	126
9.	12.50 - 14.99	4	28
10.	15.00 - 19.99	14	98
11.	20.00 - 24.99	-	-
12.	25.00 - 29.99	-	-
13.	30.00 - 49.99	-	-
14.	50.00 & above	-	-
15.	all sizes	158	636

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Table (7.3) : Estimated quantity (in tonnes) of different fertilisers applied on irrigated crops seperately by crop.

State : Delhi

all irrigated crops

c r o p	estimated quantity of fertiliser applied (tonnes)				
	ammonium sulphate	super. phosphate	urea	mixed	other chemical fertilisers
(1)	(2)	(3)	(4)	(5)	(6)
1. bajra	-	561	197	-	-
2. wheat	210	766	1036	-	1179
3. other pulses	-	-	-	-	120
4. sugarcane	-	-	-	-	9
5. rape & mustard	-	27	31	-	61
6. other crop commodities	26	-	-	-	180
7. all crops	236	1354	1264	-	1549

Table (7.4) : Estimated quantity (in tonnes) of different fertilisers applied on unirrigated crops seperately by crop.

State : Delhi

all unirrigated crops

(1)	(2)	(3)	(4)	(5)	(6)
1. bajra	-	-	35	-	34
2. all crops	-	-	35	-	34

Table (7.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Delhi

crop : wheat

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 4.99	-	-	-	-	-	-	-	-
2. 5.00 - 7.49	-	-	-	-	13	65	2938	3550
3. 7.50 - 9.99	2	11	458	595	-	-	-	-
4. 10.00 - 12.49	-	-	-	-	2	9	915	878
5. 12.50 - 14.99	2	21	1038	592	2	8	173	260
6. 15.00 - 19.99	2	21	506	320	2	7	173	214
7. 20.00 - 24.99	-	-	-	-	1	35	3460	2214
8. 25.00 & above	-	-	-	-	-	-	-	-
9. all sizes	6	53	2102	1607	23	126	7559	7226

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Table (7.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop/irrigated by size class of operational holdings

State : Delhi

crop : wheat

size class of operational holdings (acres)	urea				other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 4.99	-	-	-	-	-	-	-	-
2. 5.00 - 7.49	16	58	2504	2441	18	62	5645	3438
3. 7.50 - 9.99	2	8	274	266	6	24	1098	659
4. 10.00 - 12.49	7	49	2910	2620	7	36	1630	973
5. 12.50 - 14.99	2	8	173	260	-	-	-	-
6. 15.00 - 19.99	4	33	4498	1488	5	58	3415	2370
7. 20.00 & above	-	-	-	-	-	-	-	-
8. all sizes	31	156	10359	7075	36	180	11788	7440

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Table (7.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Delhi		crop : bajra							
		super phosphate				urea			
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	
1. 0.01 - 0.49	-	-	-	-	-	-	-	-	
2. 0.50 - 0.99	-	-	-	-	-	-	-	-	
3. 1.00 - 1.24	-	-	-	-	-	-	-	-	
4. 1.25 - 2.49	-	-	-	-	-	-	-	-	
5. 2.50 - 4.99	-	-	-	-	-	-	-	-	
6. 5.00 - 7.49	2	9	961	915	2	9	961	915	
7. 7.50 - 9.99	2	6	183	117	-	-	-	-	
8. 10.00 - 12.49	2	9	229	293	2	9	229	293	
9. 12.50 - 14.99	2	8	778	952	2	8	778	952	
10. 15.00 - 19.99	-	-	-	-	-	-	-	-	
11. 20.00 - 24.99	2	36	3460	2214	-	-	-	-	
12. 25.00 - 29.99	-	-	-	-	-	-	-	-	
13. 30.00 - 49.99	-	-	-	-	-	-	-	-	
14. 50.00 & above	-	-	-	-	-	-	-	-	
15. all sizes	10	69	5611	4491	6	26	1968	2160	



Table (7.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

state : Delhi

crop : all crops combined

size class of operational holdings (acres)	ammonium sulphate				super phosphate			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. 0.01 - 0.49	-	-	-	-	-	-	-	-
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	-	-	-	-
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	-	-	-	-	-	-	-	-
6. 5.00 - 7.49	-	-	-	-	16	78	4166	4892
7. 7.50 - 9.99	2	11	458	595	2	6	183	117
8. 10.00 - 12.49	-	-	-	-	2	18	1144	1171
9. 12.50 - 14.99	2	21	1038	692	2	18	952	1211
10. 15.00 - 19.99	2	28	865	467	2	7	173	214
11. 20.00 - 24.99	-	-	-	-	1	72	6920	4429
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	-	-	-	-	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	6	60	2361	1754	25	199	13538	12034

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Table (7.5) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop irrigated by size class of operational holdings

State : Delhi

crop : all crops combined

size class of operational holdings (acres)	urea				other fertilisers			
	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
1. 0.01 - 0.49	-	-	-	-	12	5	1200	768
2. 0.50 - 0.99	-	-	-	-	-	-	-	-
3. 1.00 - 1.24	-	-	-	-	12	12	1800	1044
4. 1.25 - 2.49	-	-	-	-	-	-	-	-
5. 2.50 - 4.99	-	-	-	-	-	-	-	-
6. 5.00 - 7.49	16	69	3708	3576	18	64	6191	3770
7. 7.50 - 9.99	2	8	274	266	6	24	1098	659
8. 10.00 - 12.49	7	59	3208	2977	7	38	1785	1073
9. 12.50 - 14.99	2	18	952	1211	-	-	-	-
10. 15.00 - 19.99	4	33	4498	1488	5	58	3415	2370
11. 20.00 - 24.99	-	-	-	-	-	-	-	-
12. 25.00 - 29.99	-	-	-	-	-	-	-	-
13. 30.00 - 49.99	-	-	-	-	-	-	-	-
14. 50.00 & above	-	-	-	-	-	-	-	-
15. all sizes	31	187	12640	9518	60	201	15489	9684

Table (7.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertilisers and crop unirrigated by size class of operational holdings

State : Delhi

crop : bajra

size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
1. urea				
1. 0.01 - 14.99	-	-	-	-
2. 15.00 - 19.99	2	14	346	225
3. 20.00 & above	-	-	-	-
4. all sizes	2	14	346	225
2. other fertilisers				
1. 0.01 - 4.99	-	-	-	-
2. 5.00 - 7.49	12	60	3000	1920
3. 7.50 - 9.99	-	-	-	-
4. 10.00 - 12.49	2	5	260	166
5. 12.50 - 14.99	-	-	-	-
6. 15.00 - 19.99	2	4	173	98
7. 20.00 & above	-	-	-	-
8. all sizes	16	69	3433	2184

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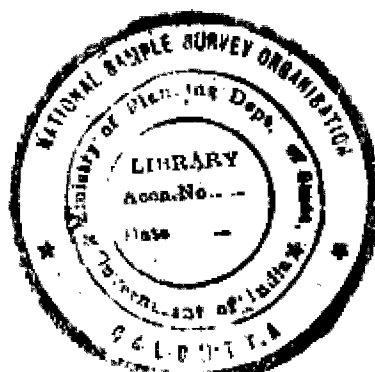


Table (7.6) : Estimated number of holdings reporting use of chemical fertilisers and estimated area under, quantity consumed and value of the chemical fertilisers by type of fertiliser and crop unirrigated by size class of operational holdings.

State : Delhi		all crops combined		
size class of operational holdings (acres)	no. of holdings reporting (00)	area (00 acres)	quantity (00 kg.)	value (00 Rs.)
(1)	(2)	(3)	(4)	(5)
1. urea				
1. 0.01 - 14.99	-	-	-	-
2. 15.00 - 19.99	2	14	346	225
3. 20.00 & above	-	-	-	-
4. all sizes	2	14	346	225
2. other fertilisers				
1. 0.01 - 4.99	-	-	-	-
2. 5.00 - 7.49	12	60	3000	1920
3. 7.50 - 9.99	-	-	-	-
4. 10.00 - 12.49	2	5	260	166
5. 12.50 - 14.99	-	-	-	-
6. 15.00 - 19.99	2	4	173	98
7. 20.00 & above	-	-	-	-
8. all sizes	16	69	3433	2184

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