

CHAPTER - VIII

HOUSEHOLD INCOME AND EXPENDITURE

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C H A P T E R - VIII

HOUSEHOLD INCOME AND EXPENDITURE

8.1 INTRODUCTION :

In this chapter we discuss the household income and expenditure of grape cultivators included in the sample. Similarly we compare their income expenditure picture with the income expenditure picture of ten other households having more or less the same size of land holding but without grape cultivation.

8.2 HOUSEHOLD INCOME OF GRAPE CULTIVATIONS :

Table No. 8.1 gives composition of income of the sample grape cultivators for the year 1986-1987. The same information is reclassified by class of grape cultivators in Table No. 8.2 to 8.6 and finally all this data is consolidated in Table No. 8.7 we base our observations on the data given in Table No. 8.7. We can make the following observations.

1. Sample as a whole the average composition of household income is 63.38% income from vineyard, 25.25% income from other agricultural activities, 4.79% income from dairy and 6.67% income from non agricultural employment.
2. The proportion of income from vineyard is the highest in the case of class 5 grape cultivators. It is the lowest in the case of class 2 grape cultivators.



HOUSEHOLD INCOME OF GRAPE CULTIVATORS

(In Rs.)

Sr.No.	Agriculture	Non Agriculture	Total
27	61.73 76000 44925	26.43 2400 9.94	88.16 152040
28	72.12 114300 39450	24.96 4620 2.92	97.08 158010
29	64.20 136000 58875	27.80 — 16896	92.00 211771
30	69.14 72000 26550	25.50 5580 5.38	94.64 104130
31	89.49 520000 30375	5.23 4320 0.74	94.72 581095
32	56.43 272000 189000	39.15 21760 4.51	95.58 482760
33	65.57 130000 68250	34.43 — —	100.00 198250

TABLE NO.8.2

HOUSEHOLD INCOME C - 1 CLASS 1986-1987

(Upto 20 Ares)

Sr.No.	Agriculture				Non Agriculture			
	Vine yard	%	Others	%	Dairy	%	Services	% Total
1.	29000	50.55	26550	45.35	2400	4.10	-	- 58550
2	25600	77.27	1050	3.17	6480	19.56	-	- 33130
3	25600	21.55	5550	11.18	1710	3.44	16800	33.83 49660
4	17600	29.39	28275	47.22	8600	14.36	5400	9.03 59875
5	18800	54.22	10800	31.32	4880	14.46	-	- 34480
6	28800	75.79	7725	20.22	1680	4.49	-	- 38205
7	28800	75.86	7725	20.35	1440	3.79	-	- 37965
8	16200	40.35	21075	52.48	2880	7.17	-	- 40155
Total	190400	54.26	108759	30.89	30070	8.54	22200	6.31 352020
Average	23800		13593.75		3758.75		2775	44002.50

TABLE NO. 8.3

HOUSEHOLD INCOME C - 2 CLASS 1986-1987

(Upto (More than 20 Upto 40 Ares) (In Rs.)

Sr.No.	Vineyard	Agriculture %	Others	%	Dairy	Non Agriculture %	Services	%	Total
1	49200	61.79	28500	35.79	1920	2.42	-	-	79620
2	27000	46.50	3225	5.55	3840	6.61	24000	41.34	58065
3	35200	44.25	34950	43.93	5400	6.79	4000	5.03	79550
4	32000	51.56	13500	21.75	2160	3.48	14400	23.21	62060
5	40600	51.60	26550	33.75	11520	16.65	-	-	78670
6	28000	35.78	28500	36.42	15150	19.36	6600	8.44	78250
7	21600	63.21	10650	31.17	1920	5.62	-	-	34170
8	37800	45.57	16650	20.07	4500	5.42	24000	28.94	82950
9	36400	36.26	15975	15.91	3600	3.59	44400	44.24	100375
10	42200	54.25	32700	42.04	2880	3.71	-	-	77780
11	18000	86.96	2700	13.04	-	-	-	-	20700
12	30600	54.35	7500	13.32	5000	8.89	13200	23.44	56300
13	83200	76.37	14100	12.92	11640	10.69	-	-	108940
Total	481800	52.51	235500	25.67	69530	7.58	130600	14.24	917430
Average	37061.38		18115.38		5348.46		10046.15		70571.54

TABLE NO. 8.5

HOUSEHOLD INCOME C-4 CLASS		1986-1987
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
13	13	13
14	14	14
15	15	15
16	16	16
17	17	17
18	18	18
19	19	19
20	20	20
21	21	21
22	22	22
23	23	23
24	24	24
25	25	25
26	26	26
27	27	27
28	28	28
29	29	29
30	30	30
31	31	31
32	32	32
33	33	33
34	34	34
35	35	35
36	36	36
37	37	37
38	38	38
39	39	39
40	40	40
41	41	41
42	42	42
43	43	43
44	44	44
45	45	45
46	46	46
47	47	47
48	48	48
49	49	49
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51	51	51
52	52	52
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54	54	54
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62	62	62
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86	86	86
87	87	87
88	88	88
89	89	89
90	90	90
91	91	91
92	92	92
93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

(More than 60 Ares to 90 Ares)

Sr.No.	Agriculture			Non Agriculture				
	Vineyard	%	Others	Dairy	%	Services	%	Total
1	94800	62.35	48600	8640	5.68	-	-	152040
2	76000	61.63	44925	2400	9.94	-	-	123325
3	114000	72.12	39450	4620	2.92	-	-	158070
4	136000	64.72	58875	-	-	16896	7.98	211771
Total	420800	65.22	191850	15660	2.42	16896	2.62	645206
Average	105200		47962.50	1915		4224		161301.50

TABLE NO. 8.7
CLASSWISE HOUSEHOLD INCOME 1986-1987

Sr.No.	Agriculture				Non Agriculture				(In Rs.)
	Vineyard	%	Others	%	Dairy	%	Services	%	
1	190400	56.26	108750	30.89	30070	8.54	22200	6.31	352020
2	481800	51.51	235500	25.67	69530	7.58	130600	14.24	917430
3	295200	63.03	93175	19.89	33180	7.08	46800	10.00	468330
4	420800	65.22	191850	29.74	15660	2.42	16896	2.62	645206
5	922000	73.05	287625	22.79	26080	2.06	26400	2.09	1262105
Total	2310200	63.38	916900	25.15	174520	4.79	242896	6.67	3645091
Average	70006.06		27784.48		5288.48		7360.48		110457.30

3. The proportion of dairy income is the highest in the case of class 2 grape cultivators and the lowest in the case of class 5 grape cultivators.
- 4 The proportion of income from non agricultural employment is 10% to 14% in the case of class 2 and class 3 grape cultivators, where as, it is much lower in the case of class 1, class 4 and class 5 grape cultivators.
5. On the whole, we can say that the proportion of agricultural income in the case of class 5 grape cultivators is the highest.
6. In the case of class 1, class 2 and class 3 grape cultivators the proportion of non agricultural income is considerably larger than in the case of class 4 and class 5 grape cultivators.
- 7 On the whole the average income from vineyards is Rs. 70006; from other agricultural activities Rs. 17784, from dairy Rs. 5288 and from services Rs. 7360. The average total income of grape cultivators is Rs. 110457.

8.3 HOUSEHOLD INCOME OF THE OTHER FARMERS :

To find out the differential between the incomes of grape cultivating households and households without grape cultivation (but with the same range of size holding) we conducted another

sample survey of class 1 to class 5 non grape cultivating farmers two each from each class. This information is given in Table No. 8.6. It is seen that in the case of non grape cultivating households 62.93% of income comes from agriculture, 12.50% from dairy and 24.57% from non agricultural employment. In other words

TABLE NO.8.8

OTHER FARMER'S HOUSEHOLD INCOME 1986-1987

(In Rs.)

Sr. No.	Agriculture				Non Agriculture		Total
1.	14475	57.81	5760	23.07	4800	19.12	15035
2	14100	100.00	-	-	-	-	14100
3	28000	72.17	10800	27.83	-	-	38800
4	20100	28.41	1440	2.03	49200	69.56	70740
5	20200	32.57	2160	3.17	43800	64.26	68160
6	22275	27.91	23040	28.87	34500	43.22	79815
7	53100	96.09	2160	3.91	-	-	55260
8	54600	93.81	3600	6.19	-	-	58200
9	140275	89.30	7200	4.58	9600	6.12	157075
10	40500	48.39	25200	30.10	18000	21.51	83700
Total	409625	62.93	81360	12.50	159900	24.57	650885
Average	40962		8136		15990		65088.50

In the case of non grape cultivating households dairy income and income from non agricultural employment assume greater importance than in the case of grape cultivating households. On the whole, the average income from agriculture of non grape cultivating households is Rs. 40962 which is almost 41% less than the respective income of the grape cultivators. On the other hand, the dairy income of non grape cultivating households is 53.85% larger than the respective income of grape cultivating households. Similarly, the income from non agricultural employment of the non grape cultivating households is 117.25% larger than the respective income of the grape cultivating households.

8.4 HOUSEHOLD EXPENDITURE OF GRAPE CULTIVATIONS :

In Table No. 8.9 we have given composition of household expenditure of each of the sample grape cultivators. From Table No. 8.10 to 8.14 we have given in a reclassified manner the composition of household expenditure of class 1 to class 5 grape cultivators respectively. Finally, in Table No. 8.15 we have consolidated the overall composition of household expenditure of grape cultivators by different classes for the year 1986-1987. It is seen that 41.75% of the expenditure is accounted by food; followed by expenditure on house rent which comes to be 15.03%. Here we have to note that house rent is estimated on the basis of imputed charges because all these grape cultivators live in their own houses. Expenditure on clothing occupies the position of third importance accounting for 9.45% of the total expenditure.

This is followed by expenditure on medical bills which is about 5.29% of total expenditure. Expenditure on cooking fuel, on the basis of imputed cost turns out to be 9.85% of the total expenditure. In other words about 81.37% of total expenditure is accounted for by food, housing, clothing, cooking fuel and medical bills. It is unfortunate to note that these grape cultivators are spending only 2.64% of their expenditure on education.

8.5 COMPOSITION OF EXPENDITURE OF NON GRAPE CULTIVATING HOUSEHOLDS

In Table No. 8.16 we have given classified data in respect of ten non grape cultivating households for the composition of household expenditure. Here again the major expenditure items are food (36.87%) house rent (15.82%) clothing (7.41%) cooking fuel (7.46%) and medical bills (7.44%). It means that 75% of the total expenditure of non grape cultivating farmers is made on basic requirements of subsistence. Here again, it is seen that proportion of expenditure on education is miserably low.

Briefly the comparative composition of household expenditure of grape cultivating and non grape cultivating households is presented in Table No. 8.17.

TABLE NO. 8.9 - 113 -

HOUSEHOLD EXPENDITURE OF GRAPE CULTIVATORS 1986-1987

Sl. No.	Food	Rent	Educa- tion	Medical Bill	Cook- ing fuel	Trans- port Travel	News Paper Mag- zine	House- hold and Toilet	Enter- tain- ment	Cloth ing	House repair	Festi- val Social occasi- ing events	Non Recurr- ing	Tax	Legal	Others	Total
26	16338	4500	2200	2000	2815	3500	25	588	400	3000	1000	1200	1500	-	1000	1440	41506
27	14588	6600	500	3000	5000	1500	25	600	1000	4800	-	900	1000	-	-	720	40227
28	21750	5400	1600	5000	5400	2000	25	800	200	6000	-	2500	500	-	-	1080	53955
29	15830	9000	2500	2000	2400	1000	15	300	500	6000	2000	1000	500	-	-	1440	45485
30	6536	6000	700	400	1600	1000	10	200	300	1200	-	300	-	-	-	-	18246
31	16420	3000	300	3000	3200	3000	25	325	300	3500	5000	500	500	-	-	500	39570
32	59211	16500	1500	6000	13000	10000	25	1200	500	10000	2000	3000	1000	-	-	5400	129336
33	17546	6600	1900	3500	3600	2500	313	600	1500	5500	-	1200	3300	-	-	720	45699

TABLE NO.8.10

HOUSEHOLD EXPENDITURE 1986-1987 C-1 Class

(Upto 20 Ares)

Sr. No.	Food	Rent	Educational	Medical	Cooking fuel	Transport	News paper	House hold	Enter tain ment	Cloth ing	House repair	Festi val	Non Recurr es	Tax es	Legal	Others	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	4979	4500	200	300	900	100	10	120	300	800	-	200	-	-	800	720	13929
2	9412	1500	300	300	2800	500	-	300	300	1250	-	400	450	-	-	560	18072
3	11672	1800	800	2000	3200	2100	10	550	500	3000	-	600	-	-	-	900	27132
4	11520	1200	250	2000	3050	1000	10	250	300	2000	-	1000	-	-	-	-	22580
5	8316	7500	100	800	1900	600	10	250	100	1900	200	300	-	-	-	720	22296
6	5671	4200	900	400	1700	300	10	250	300	1600	-	400	-	-	-	360	16091
7	5709	1500	700	500	1600	400	-	240	400	1500	-	500	-	-	-	-	13049
8	6950	2100	1500	1800	1800	800	10	260	400	1500	-	500	-	-	-	360	16680
%	42.87	16.22	3.17	4.27	11.31	3.87	0.04	1.48	1.74	9.04	0.13	2.60	0.30	-	0.53	2.42	100

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	12170	11400	100	3500	3000	1200	10	350	600	2500	-	400	-	-	-	360	35590
2	13138	2700	300	1500	3500	2000	15	400	800	4000	800	700	500			1440	31793
3	13177	6000	1000	600	2720	500		360	400	2100	200	900	-	-	-	720	28687
4	16469	9000	500	200	4500	3600	303	500	360	6000	750	600	-	-	-	1080	85682
5	6536	6000	700	400	1600	1000	10	200	300	1200	-	300	-	-	-	-	18246
Total	61490	35100	2600	8000	15320	8300	338	1810	2460	15800	1750	2900	500	-	-	3600	159968
Average	12298	7020	5200	1600	3064	1660	57.60	362	492	360	350	580	100	-	-	720	31993.60
%	38.44	21.94	1.63	5.00	9.58	5.19	0.21	1.13	1.54	9.88	1.09	1.81	0.31	-	-	2.25	100

TABLE NO.8.16

HOUSEHOLD EXPENDITURE OTHER FARMERS

(In Rs.)

Sr. No.	Food	Rent	Education	Medical Bills	Cooking Fuel	Transp. ort	News Papers	House Hold Magez ing Books	House Enter tain ment Toilet items	Cloth. ing	House repairSocial occasions and Gifts	Non Recurr ing events birth deaths	Taxes Legalers	Oth. Total
1	7376	9000	-	300	2465	500	10	300	100	1400	400	-	- 540	22391
2	2806	1500	50	200	720	300	-	180	50	1000	325	-	-	7131
3	15696	1500	0300	2500	1331	4000	25	480	100	1500	525	3000	- 4000	180 34837
4	15844	3000	500	4000	4580	1200	10	900	400	4500	825	14000	-	720 50179
5	14700	3000	300	4000	2350	700	23	600	500	2500	600	-	- 1565	30838
6	16348	3000	600	2500	2312	500	10	600	1000	2700	650	-	- 720	30940
7	6150	10800	-	4000	1320	400	-	240	100	1500	450	4000	- 8000	- 36950
8	13368	10800	1200	5000	4283	6000	-	600	100	2500	600	-	- 1000	- 45451
9	17452	6300	550	200	3468	4000	-	900	1000	4000	951	-	1000 -	720 40541
10	12624	3600	-	2000	1920	3500	10	420	400	3000	550	-	- 100	32624
														3600
Total	122364	52500	3500	24700	24749	21100	88	5220	3750	24600	5876	21000	1000	13100 331892
														8045
Average	12236.4	5250	350	2470	1474.9	2110	8.8	522	375	2460	58.76	2100	100	1310 33189.26
														804.5
	36.87	15.82	1.05	7.44	7.46	6.63	0.03	1.57	1.13	7.41	1.77	6.32	0.30	394 2.53 100



TABLE NO.8.17

COMPARATIVE COMPOSITION OF HOUSEHOLD EXPENDITURE

<u>Sr.No.</u>	<u>Items</u>	<u>Grape Cultivators</u>	<u>Non Grape Cultivators</u>
1	Food	38.33	36.87
2	Rent	15.53	15.82
3	Education	2.82	1.05
4	Medical Bills	5.46	7.44
5	Cooking Fuel	10.19	7.46
6	Transport and Travel	5.05	6.36
7	News Papers, Magezines Books	0.27	0.03
8	Household and Toilet items	1.34	1.57
9	Entertainment	1.45	1.13
10	Clothing	9.77	7.41
11	House Repair	3.18	-
12	Festivals, Social Occasions Gifts.	2.14	1.77
13	Non Recurring events birth Deaths	1.17	6.32
14	Taxes	-	0.30
15	Legal	0.26	3.94
16	Others	2.72	2.53
<u>Total</u>		<u>100.00</u>	<u>100.00</u>

8.6 HOUSEHOLD SURPLUS

We could have computed the net surplus of the grape cultivating households but in collecting the data we could not collect cost of cultivation.

TABLE NO.8.18

GRAPE CULTIVATORS SURPLUS 1986-1987

(In Rs.)

Classwise		
Income	Expenditure	Balance
C1 319020	310803	8217
C2 997050	637724	359326
C3 468330	406900	61430
C4 508370	493027	15343
C51262105	799012	463093

Total		
3554875	2647466	907409
Average		
107723.48	80226.24	27457.24
% 100%	74.47%	25.53%

TABLE NO.8.19

OTHER FARMERS SURPLUS 1986-1987

<u>Sr.No.</u>	<u>Income</u>	<u>Expenditure</u>	<u>Balance</u>
1	25035	22391	2644
2	14100	7331	6969
3	38800	34837	3963
4	70740	50179	20561
5	68160	30838	37322
6	79815	30940	58875
7	55260	36960	18300
8	58200	45451	12749
9	157075	40541	116534
10	83700	326224	51076
Total	650885	331892	318993
Average	65088.5	33189.20	31899.3
%	100%	51%	49.0%

data for other agricultural production as a result of which the surplus calculated on the basis of the present data for income and expenditure gives slightly inflated figures for the surplus which will be clear from Table No. 8.18 and 8.19 where, data in Table No. 8.19 relates to non grape cultivating farmers. On the basis of these two tables it can be logically argued that surplus as a proportion of income is significantly lower (25.49%) in the case of grape cultivating farmers than in the case of non grape cultivating farmers (49.00%). This is explained by mainly the considerable higher levels of cost of cultivation of grapes compared to cost of cultivation of other agriculture.

8.7 OTHER ASPECTS :

We tried to findout broad indicators of improved standard of living of the grape cultivating households in comparision with non grape cultivating households. It was found out that every grape cultivating family has one or more bicycles, but there were two non grape cultivating households without bicycles. Similarly, the grape cultivating households have reported ownership of 16 automotive two wheelers whereas in the case of non grape cultivating h useholds only 5 such vehicales are reported. It is also seen that all the grape cultivators had a radio set along with 15 tape recorders where as the non grape cultivating households reported only 9 radio sets and 2^{house-}holds did not report even the ownership of a radio set. More importantly the non grape

cultivating farmers did not report the ownership of tape records. Out of ten non grape cultivating farmers two reported the ownership of television sets where as 4 out of 33 grape cultivating households reported the use of television sets. One grape cultivator reported telephone connection which in the case of non grape cultivating households is totally absent. Six grape cultivators reported the use of table fans where as only one non grape cultivator reported the use of table fans. The more significant differential is regarding mechanical equipments for agricultural purpose. The grape cultivators reported the use and ownership of one tempo, one car and two tractors and one harvesting machine whereas the non grape cultivating farmers reported only one harvesting machine.