

**CHAPTER NO. 7****REVENUE STRUCTURE OF LIS****7.1 Introduction**

In this chapter we examine revenue structure of different types of LIS under study.

Before we present the data, it is necessary to state a few words of caution in comparing data for different types of LIS. Firstly it is clear that we could get more or less comparable data by different heads of revenue for cooperative LIS and factory-sponsored or managed LIS, because in these units audited records are maintained. However, in the case of individual LIS and partnership LIS, because of the absence of recorded accounts it was very difficult to get data of revenue itemwise for the individual LIS and partnership LIS. The respondents belonging to these two types did not give us itemwise information regarding revenue to obtain some meaningful estimates of per acre revenue from 6 different Khariff and Rabbi crops. Assuming that each cultivator had 1 acre under each crop, relevant questions were asked. On the basis of this information we collected figures for per acre revenue for 6 crops, per acre cultivation expenditure for 6 crops and per acre current expenditure

on the LIS for 6 crops. We further assume that we get per acre net profit by deducting the sum of cultivation expenditure and current expenditure of LIS from the total revenue. Similarly, we calculated the per acre net revenue of 6 crops due to irrigation by assuming that revenue for irrigation is exactly in proportion to the proportion of current expenditure on LIS to total expenditure. On the basis of figures thus arrived at we calculated per H.P. per acre revenue from LIS. This information in respect of individual LIS and partnership LIS is given in Tables No. 7.1 and 7.2 on the following pages. The per H.P. per acre figures are given in Table No. 7.5.

7.2 If we take into consideration per H.P. per acre revenue figures for individual LIS partnership LIS given in Table No. 7.5, it is clearly seen that the per H.P. per acre revenue of partnership LIS is almost four times larger than that of individual LIS.

### 7.3 Structure of Revenue of Co-operative LIS

In Table No. 7.3 on the following page we have given information in respect of revenue of cooperative LISs under study. It is seen that there are items of revenue like water charges, annual fixed deposits, government assistance, interest on deposits with sugar factory or with banks and the others comprising bank dividend, Insurance collections,

TABLE NO. 7.1

## Individual LIS - Per acre expenditure and revenue.

Sr.No	Name	Total revenue	Total expenditure		Total net profit	Imputed income of LIS
			Cultivation	Current		
1	Shri Dattatraya Sakharan Patil Ghunaki	16,500.00	7,848.00	1,015.00	7,637.00 (86.17)	840.07
2	Shri Babaso Anandrao Patil, Tandulwadi	12,000.00	4,940.00	1,517.60	5,542.40 (85.13)	1,330.18
3	Shri Bapuso Bandu Patil, Kini	15,000.00	7,901.00	2,060.00	5,039.00 (50.59)	1,058.19
4	Shri Tukaram Rama Patil, Kakhe	15,000.00	6,452.00	3,790.00	4,758.00 (46.46)	1,760.45
5	ShriShahajirao Bhauso Patil Pargaon	22,000.00	10,333.00	2,440.00	9,227.00 (72.23)	1,753.13
Total:		80,500.00	37,474.00	10,822.60	32,203.40 (66.68)	7,084.75

Note: Figures in parentheses indicate percentage.

TABLE NO. 7.2

## Partnership LIS - Per acre expenditure and revenue

Sr.No.	Name	Total revenue	Total expenditure		Total net profit	Imputed revenue of LIS
			Cultiva- tion	Current expendi- ture		
		Rs.	Rs.	Rs.	Rs.	Rs.
1	Shri Mahipati Aba Patil, Kakhe.	14,727.27	6,452.00	2,085.45	6,189.82 (72.50)	742.77
2	Shri Namdev Krishna Nerlekar, Pargaon	16,166.67	9,413.00	801.67	5,952.99 (58.27)	476.16
3	Shri Laxmi Pani Puravatha Mandal, Kini	15,250.00	9,738.00	511.40	5,000.60 (48.79)	250.03
4	Shri Bhau Hari Mohite, Tandulwadi	16,373.07	9,413.00	666.25	6,293.82 (62.44)	440.56
5	Jay Bajarang Pani Puravatha Sanstha, Ghunaki	16,500.00	7,848.00	637.00	8,015.00 (94.46)	641.20
Total:		79,017.01	42,864.00	4,701.77	31,451.24 (66.12)	2,830.59

Note: Figures in parentheses indicate percentage.

TABLE NO. 7.3

## Co-operative LIS - Total annual revenue.

Sr. No.	Name of scheme	Total water charges	Fixed deposit assistance	Government assistance	Interest on deposit		Others	Total
					Rs.	Rs.		
1	Warana Saha. Pani Puravatha Seva Sanstha, Ghunaki	92,865.00 (91.30)	1,500.68 (1.48)	-	1,397.70 (1.37)	1,058.65 (1.04)	4,892.50 (4.81)	101,714.53 (100)
2	Shri Anand Pani Puravatha Seva Sanstha, Pargaon, Kodoli	125,868.75 (98.77)	-	-	-	916.40 (0.72)	652.50 (0.51)	127,437.65 (100)
3	Balbhim Matang Samaj Pani Puratha Sahakari Sanstha, Kini	2,500.00 (45.45)	-	2,000.00 (36.36)	-	-	1,000.00 (18.18)	5,500.00 (100)
4	Dr. Babasaheb Ambedkar Sahakari Pani Puravatha Sanstha, Tandulwadi	2,927.30 (67.27)	135.00 (3.10)	-	-	-	1,289.00 (29.62)	4,351.30 (100)
5	Samaj Kalyan Siddhartha Sahakari Pani Puravatha Sanstha, Kakhe	4,747.60 (100)	-	-	-	-	-	4,747.50 (100)
Total:		228,908.55 (93.91)	1,636.68 (0.67)	2,000.00 (0.82)	1,397.70 (0.57)	1,975.05 (0.81)	7,834.00 (3.21)	243,750.98 (100)

Note: Figures in parentheses indicate percentage.

development deposits, notice fee etc. However, if we consider group as a whole, it becomes very clear that water charges is the single largest source of revenue accounting for almost 94.00 per cent of the annual revenue. Other sources are of marginal importance only.

#### 7.4 Revenue Structure of Factory-sponsored or Managed LIS

In Table No. 7.4 on the following page we have given information regarding various items of revenue of the factory sponsored or managed LIS. In the case of these LISs the various sources of revenue are non-refundable deposits, water charges, fines, interest on deposits with sugar factory or the banks and others comprising minimum charges, share transfer fees, interest on water charges due, bank dividend, interest on securities, insurance collections and interest on development deposits. However, it is clearly seen that the single largest source of revenue of the factory sponsored LIS is water charges as in the case of cooperative LIS. It is also important to note that non-refundable deposits and interest on deposits constitute the two other relatively more important sources of revenue of the factory-sponsored LIS accounting for almost 6.5 per cent of the total revenue each.

TABLE NO. 7.4

## Factory-sponsored or managed LIS - Total revenue.

Sr.No	Name of scheme	Non-refund- able deposit	Total water charges	Fines	Interest on <del>depos-</del> its Factory Bank	Others	Total annual revenue	
1	2	3	4	5	6	7	8	9
1	Shri Ishwar Parvati Warana Sahakari Pani Puravatha Seva Sanstha, Pargaon	-	110,815.00 (69.97)	210.00 (0.13)	38,401.82 (24.25)	267.60 (0.17)	8,683.14 (5.48)	158,377.56 (100)
2	Shri Datta Pani Puravatha Seva Sahakari Sanstha, Kodoli-Kakhe	-	110,085.00 (94.78)	2726.22 (2.35)	31.09 (0.03)	84.70 (0.07)	3,226.00 (2.78)	116,153.01 (100)
3	Shri Warana Sahakari Pani Puravatha Sanstha, Kakhe	36,005.00 (49.37)	34,835.00 (47.76)	230.00 (0.32)	1,150.62 (1.58)	101.15 (0.14)	613.68 (0.84)	72,935.45 (0.84)
4	Jay Jawan Jay Kisan Warana Sahakari Pani Puravatha Seva Sanstha, Tandulwadi	-	73,140.75 (99.89)	-	-	41.35 (0.06)	55.00 (0.08)	73,237.10 (100)
5	Kisan Warana Sahakari Pani Puravatha Seva Sanstha, Kini	-	75,555.75 (99.64)	-	-	275.75 (0.36)	-	75,831.50 (100)
6	Shri Mangesh Warana Sahakari Pani Puravatha Seva Sanstha, Ghunaki	-	76,637.53 (98.52)	1,038.50 (1.34)	-	-	109.50 (0.14)	77,785.53 (100)
Total:		36,005.00 (6.27)	481,069.03 (85.76)	48,204.72 (0.75)	39,583.53 (6.89)	770.55 (0.13)	12,687.32 (2.21)	574,320.15 (100)

Note: Figures in parentheses indicate percentage.

### 7.5 Per H.P. Per Acre Revenue

We have given per H.P. per acre revenue of different types of LIS under study. As pointed out earlier we could not separate by items per H.P. per acre revenue in respect of individual LIS and partnership LIS. This classification is given for co-operative LIS and factory-sponsored LIS. We, however, compare only the total per H.P. per acre revenue of different LISs. As between individual LIS and partnership LIS, partnership LIS gives almost four times more per H.P. per acre revenue. Similarly, as between co-operative LIS and factory-sponsored LIS the cooperative LIS gives slightly less than two times greater per H.P. per acre revenue.

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TABLE NO. 7.5

Per H.P. per acre revenue.

Item	Individual <i>LIS</i>	Partnership <i>LIS</i>	Cooperative <i>LIS</i>	Factory- -sponsored <i>LIS</i>
1	2	3	4	5
Total water charges	-	-	2.79	1.36
Fixed deposit	-	-	0.02	-
Government assistance	-	-	0.02	-
Non-refundable deposits	-	-	-	<del>0.01</del> 0.10
Interest	-	-	0.04	0.12
Fine	-	-	-	0.01
Others	-	-	0.10	0.04
Total:	4.29	16.74	2.97	1.63