

CHAPTER III

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PROGRESS OF CO-OPERATIVE RUBBER MARKETING FEDERATION AND MEMBER SOCIETIES.

This chapter deals with the progress made by the federation and member societies during 1981-82 to 1990-91. The growth of Member societies and Federation is measured with the help of following parameters

1. Membership and share capital.
2. Procurement.
3. Sales.
4. Input supply.

The aim of this chapter is to provide the backdrops for bringing out the present position of the federation and the member societies and its contribution in the growth and development of rubber marketing.

3.1 GROWTH OF RUBBER MARKETING FEDERATION.

The main activities of the federation are rubber procurement and marketing, supply of fertilisers and other inputs. The primary aim of the federation is to ensure that the small scale cultivators get a remunerative price for their produce. It also aims at ensuring that the consumer gets rubber at reasonable price. The growth of the federation is presented with the help of the following parameters:

3.1.1 Growth of membership and share capital:

Membership and share capital is an important parameter used for measuring the growth of an organisation. Therefore this parameter has been used. The growth of membership and share capital can be observed from the data given in Table 3.1.

Table 3.1 indicates the growth of membership and share capital for the last ten years. It reveals that the membership and share capital has increased by about 17% and 46% respectively.

3.1.2 PROCUREMENT:

The rubber procurement of the federation from the various sources is shown in Table 3.2. The table 3.2 clearly illustrates the progressively increasing trends in the procurement of the federation. Out of total procurement more

than 68% is through member societies. It shows that the procurement has increased by about 144% during the last 9 years.

3.1.3 SALES:

The sale of rubber by Rubber Marketing Federation is shown in Table 3.3. The table reveals that out of total sales 47% is through various branches in the country. The sales through branches increased by 34% and sales through head office showed a growth of 288%. However, the overall growth in sales during this period was 164%.

3.1.4 INPUT SUPPLY:

Table 3.4 shows the input supply by the Rubber Marketing Federation. Fertilisers, pesticides and estate materials are the important inputs supplied by the Rubber Marketing Federation. Out of total inputs 78.60% are fertilisers. There has been an increase by about 196% in the input supply of Rubber Marketing Federation during the last 9 years.

TABLE 3.1

GROWTH OF MEMBERSHIP & SHARE CAPITAL OF RUBBER MARKETING
FEDERATION FROM 1981-82 TO 1990-91

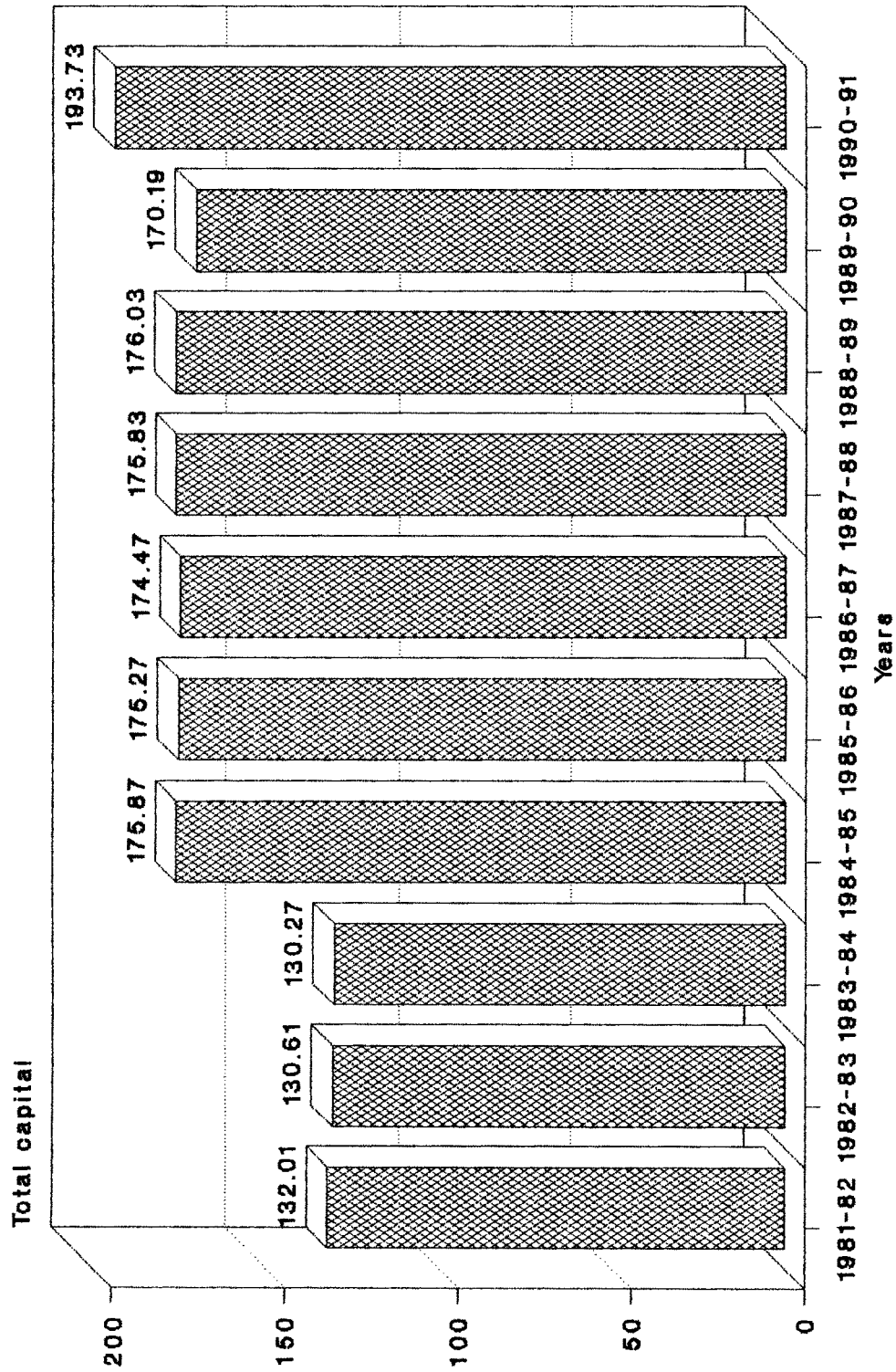
(SHARE VALUE Rs 1000, AMOUNT IN RS. LAKHS)

YEARS	GOVERNMENT			RUBBER BOARD			MEMBER SOCIETIES			TOTAL	
	NO. OF SHARES	SHARE CAPITAL	% TO TOTAL	NO. OF SHARES	SHARE CAPITAL	% TO TOTAL	NO. OF SHARES	SHARE CAPITAL	% TO TOTAL	NO. OF SHARES	SHARE CAPITAL
1981-82	1	117.50	89	1	6.20	4.7	28	8.31	6.3	30	132.01
1982-83	1	117.50	90	1	4.80	4.0	28	8.31	6.0	30	130.61
1983-84	1	117.50	90	1	4.40	3.0	33	8.37	7.0	35	130.27
1984-85	1	152.50	87	1	15.00	9.0	33	8.37	4.0	35	175.87
1985-86	1	152.50	87	1	14.40	8.0	33	8.37	5.0	35	175.27
1986-87	1	152.50	87	1	13.60	8.0	33	8.37	5.0	35	174.47
1987-88	1	152.50	87	1	13.60	8.0	33	9.73	5.0	35	175.83
1988-89	1	152.50	87	1	12.80	7.0	33	10.73	6.0	35	176.03
1989-90	1	149.50	88	1	10.64	6.0	33	10.05	6.0	35	170.19
1990-91	1	153.00	79	1	18.48	10.0	33	22.25	11.0	35	193.73

SIMPLE AVERAGE GROWTH RATE: 4.7% (BASE YEAR 1981-82)

SOURCE: ANNUAL REPORTS OF RUBBER MARKETING FEDERATION FROM 1981-82 TO 1990-91.

Diagram showing growth of membership and share capital of Rubber Marketing Federation from 1981-82 to 1990-91.



(Please refer Table 3.1)

TABLE 3.2

RUBBER PROCUREMENT BY FEDERATION FROM VARIOUS SOURCES FROM 1982-83 TO 1990-91

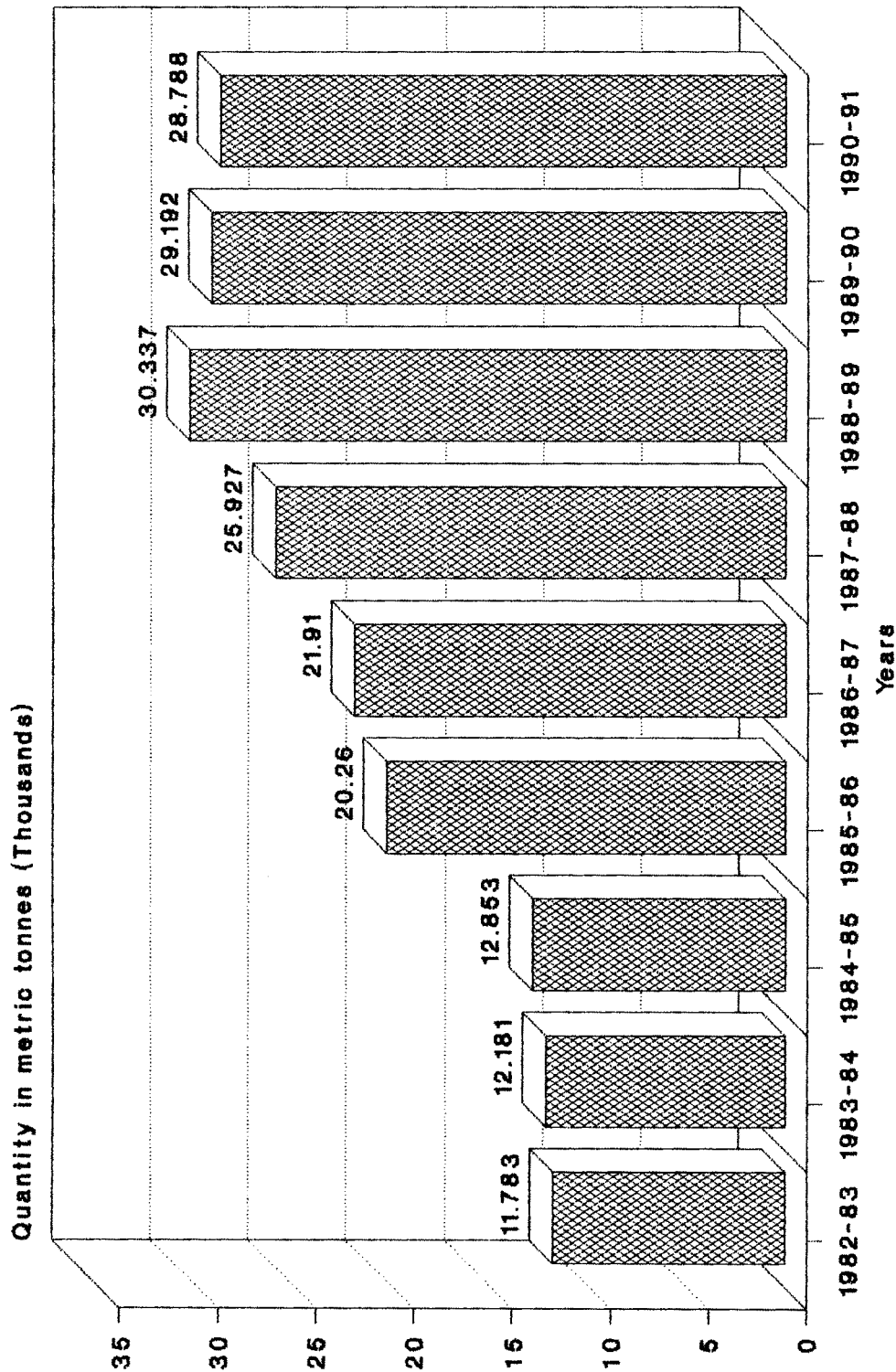
(QUANTITY IN METRIC TONNES & AMOUNT IN CRORES AND RATE PER KG.)

YEARS	MEMBER SOCIETIES			PURCHASE DEPOTS			AGENT SOCIE TIES			FACTORY			OTHER SOURCES			T O T A L		
	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT
1982-83	8329	14.64	12.19	-	-	-	-	-	-	-	-	-	3454	14.64	5.06	11783	14.64	17.25
1983-84	10886	16.70	16.48	1461	16.27	2.37	-	-	-	-	-	-	1295	16.27	2.10	12181	14.60	20.95
1984-85	10615	15.91	16.88	1429	15.90	2.20	-	-	-	889	15.90	1.41	-	-	-	12853	15.90	20.49
1985-86	15344	16.98	24.98	2301	16.98	3.92	-	-	-	-	-	-	2615	16.90	4.94	20260	16.50	33.84
1986-87	14678	16.27	23.08	4290	16.27	6.97	324	17.27	0.56	1278	17.27	2.20	1340	16.27	2.32	21910	17.00	35.13
1987-88	15256	17.35	26.46	3640	17.35	6.30	3080	17.35	5.34	1090	17.35	1.89	2861	17.35	4.66	25927	17.35	44.65
1988-89	15549	18.00	26.24	4495	18.20	8.19	4111	18.23	7.46	1443	18.23	2.63	4739	18.23	8.63	30337	18.00	53.15
1989-90	17213	20.55	35.97	3959	20.55	8.43	2311	20.55	4.75	1697	20.55	3.52	3920	20.55	8.05	29192	20.55	60.72
1990-91	24742	20.33	50.30	-	-	-	-	-	-	-	-	-	3959	20.35	8.74	28788	20.30	59.04
TOTAL	132612		232.58	21575		38.38	9826		18.11	5508		11.65	24183		44.50	193231		345.22
AVERAGE	14735		25.84	2697		4.80	2457		4.53	1377		2.33	3023		5.56	21470		38.35
% OF EACH SOURCE	68.6			11.2			5.1			2.9			12.2			100.0		

SIMPLE AVERAGE GROWTH RATE: 16% (BASE YEAR 1982-83)

SOURCE: ANNUAL REPORTS OF RUBBER MARKETING FEDERATION FROM 1982-83 TO 1990-91.

Diagram showing the rubber procurement of Rubber Marketing Federation from 1982-83 to 1990-91.



(Please refer Table 3.2)

TABLE 3.3

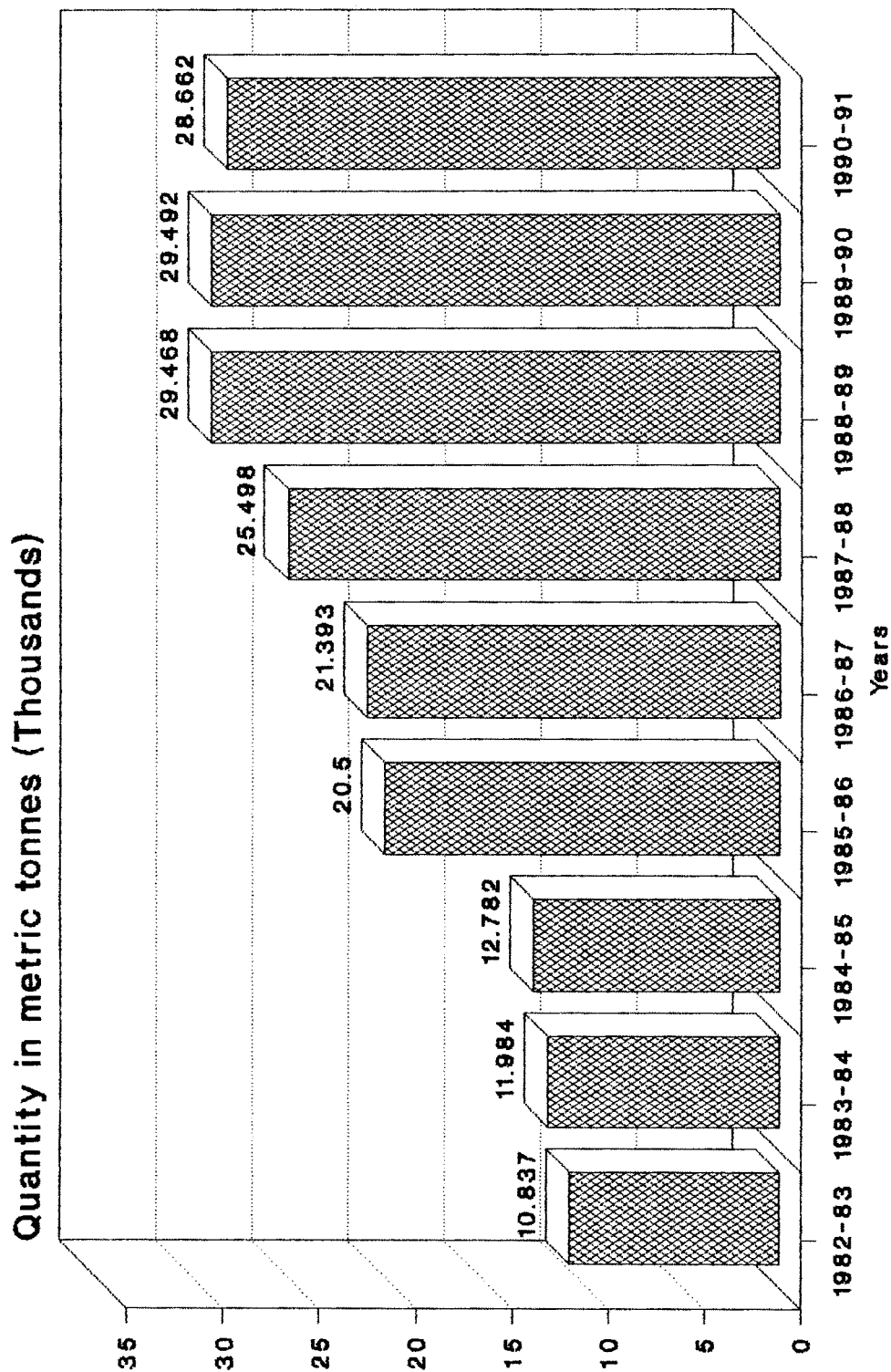
SALE OF RUBBER BY RUBBER MARKETING FEDERATION TO VARIOUS SECTORS
FROM 1982-83 TO 1990-91

(QUANTITY IN METRIC TONNES, AMOUNTS IN CRORES, RATE PER KG.)

YEARS	THROUGH BRANCHES			THROUGH AGENCY			THROUGH HEAD OFFICE			TO SIC OR OTHERS			T O T A L	
	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT	QTY	RATE	AMT	QTY	AMT
1982-83	5590	16.00	8.94	-	-	-	5247	16.00	8.39	-	-	-	10837	17.33
1983-84	6490	16.00	10.38	-	-	-	5494	16.00	8.79	-	-	-	11984	19.17
1984-85	5368	17.00	9.18	-	-	-	7670	17.00	13.03	-	-	-	12782	22.17
1985-86	7500	17.85	13.39	87	17.24	0.15	13000	17.37	22.58	-	-	-	20500	36.12
1986-87	6264	18.75	11.74	1340	16.28	2.18	5540	16.25	9.00	5026	17.00	13.44	21393	36.37
1987-88	7901	20.47	16.17	2861	17.70	5.06	8274	17.67	14.62	6462	18.00	11.44	25498	47.30
1988-89	9017	20.82	18.78	4739	17.83	8.45	8465	17.90	15.16	7247	17.76	12.62	29468	55.03
1989-90	8182	20.50	21.68	3920	20.94	8.21	17390	20.17	35.09	-	-	-	29492	64.94
1990-91	7488	22.75	17.04	3959	20.86	8.26	17214	21.00	37.40	-	-	-	28662	62.70
TOTAL	63800		127.30	16906		32.31	88294		164.66	18735		37.50	187735	361.17
AVERAGE	7089		14.00	2818		5.39	9810		18.23	6245		12.50	21180	40.13
% OF EACH SOURCE	34.0			9.0			47.0			10.0			100.0	

SIMPLE AVERAGE GROWTH RATE: 18% (BASE YEAR 1982-83)
SOURCE: ANNUAL REPORTS OF RUBBER MARKETING FEDERATION FROM 1982-83 TO 1990-91.

Diagram showing the sales of rubber by Rubber Marketing Federation from 1982-83 to 1990-91.



(Please refer Table 3.3)

TABLE 3.4

INPUT SUPPLY FROM 1982-83 TO 1990-91.

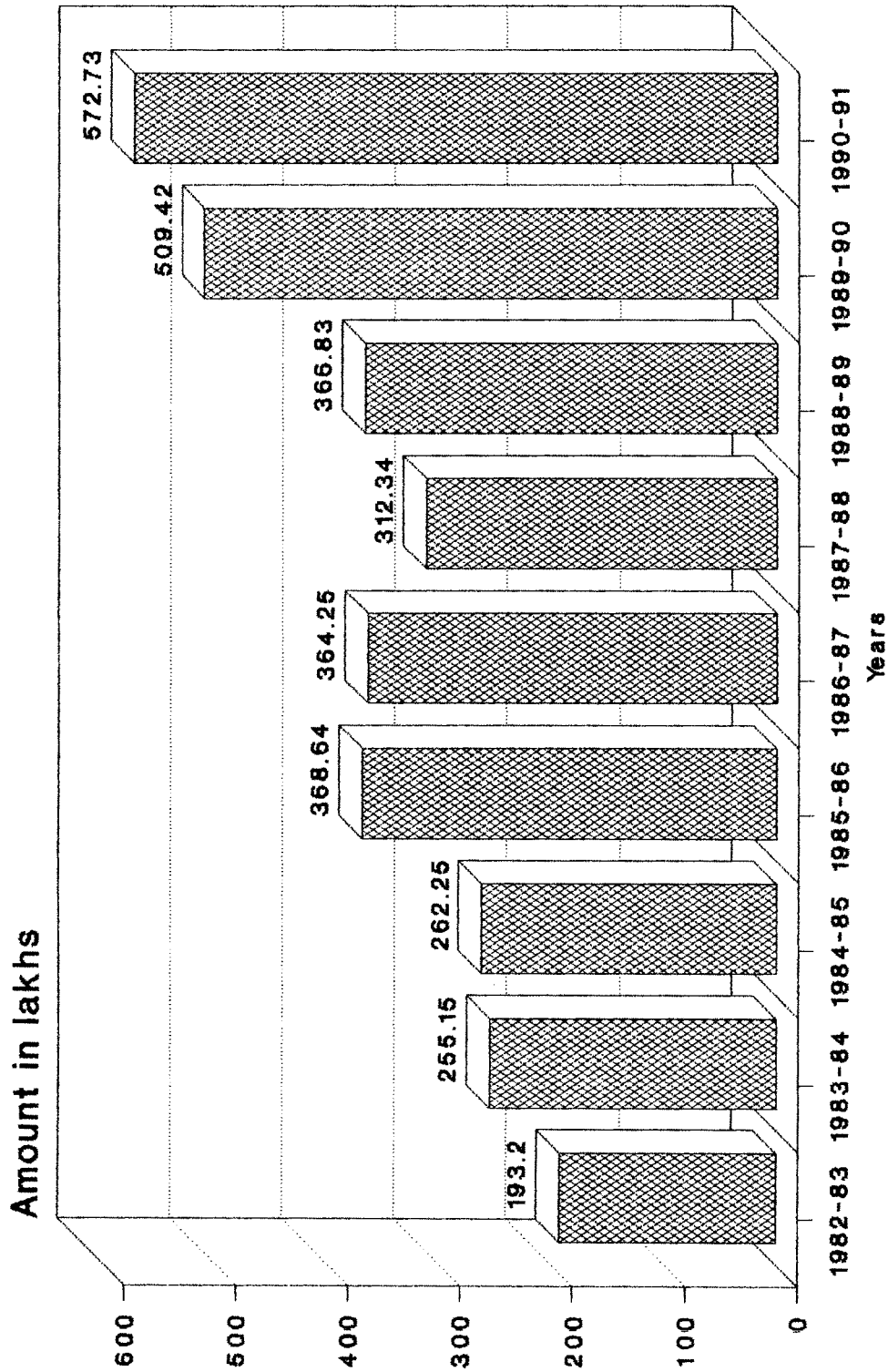
(VALUE IN RS. LAKHS.)

YEARS	FERTILIZERS		PESTICIDES & ESTATE MATERIALS		TOTAL
	QTY	AMOUNT	QTY	AMOUNT	
1982-83	7100	150.20	-	43.00	193.20
1983-84	9700	210.15	-	45.00	255.15
1984-85	12069	180.25	-	82.00	262.25
1985-86	18000	306.64	-	62.00	368.64
1986-87	16455	268.25	-	96.00	364.25
1987-88	15012	247.34	-	65.00	312.34
1988-89	27363	413.83	-	153.00	566.83
1989-90	26332	410.44	-	99.00	509.44
1990-91	28609	489.73	-	83.00	572.73
TOTAL		2676.83	-	728.00	3404.83
AVERAGE		297.43	-	80.89	378.31
% OF EACH SOURCE		78.60	-	21.40	

SIMPLE AVERAGE GROWTH RATE 22%

SOURCE: OFFICIAL RECORDS OF RUBBER MARKETING FEDERATION.

Diagram showing the input supply of Rubber Marketing Federation from 1982-83 to 1990-91.



(Please refer Table 3.4)

3.2 RUBBER MARKETING SOCIETY AT PERUMBAVOOR:

Perumbavoor Rubber Marketing Society is one of the member society of the Rubber Marketing Federation. It's area of operation is Alwaye and Kunnathunad taluk. The growth of the society can be measured by using the following parameters.

3.2.1 MEMBERSHIP AND SHARE CAPITAL:

The growth in the share capital of member society can be observed from the data given in Table 3.5. Table 3.5 shows that the capital of the society is contributed by individuals, government, Rubber Board and National Co-operative Development Corporation. (NCDC). Upto 1988-89 major portion (i.e.57% to 62%) was contributed by government. From 1988-89 onwards National Development Corporation began to take major portion (i.e. 43% to 61%). But the share of cultivator seller has reduced to 15% from 29%. However, the total capital has increased by about 85% during the last ten years.

3.2.2 PROCUREMENT:

The procurement of the society is shown in Table 3.6. The Table 3.6 reveals that the society mainly procures two types of rubber i.e. rubber sheet and rubber scrap. Out of total procurement 97% is rubber sheet and 3% is rubber scrap. This table reveals that there has been an increase of 85% in procurement of the society during the last 10 years.

TABLE 3.5

GROWTH OF MEMBERSHIP AND SHARE CAPITAL OF MEMBER SOCIETY
AT PERUMBEVOOR

YEARS	INDIVIDUAL		GOVERNMENT B		RUBBER BOARD B		N. C. D. C.		TOTAL CAPITAL
	CAPITAL	% TO TOTAL CAPITAL	CAPITAL	% TO TOTAL CAPITAL	CAPITAL	% TO TOTAL CAPITAL	CAPITAL	% TO TOTAL CAPITAL	
1981-82	0.93	29	2.00	62	0.30	9	-	-	1590
1982-83	0.94	27	2.00	58	0.50	15	-	-	1602
1983-84	0.96	20	3.50	72	0.40	8	-	-	1617
1984-85	1.01	19	3.50	67	0.69	14	-	-	1655
1985-86	1.26	23	3.50	64	0.69	13	-	-	1700
1986-87	1.38	23	3.50	57	1.21	20	-	-	1792
1987-88	1.49	24	3.50	57	1.15	19	-	-	1872
1988-89	1.57	17	2.82	28	1.09	12	4.00	43	1936
1989-90	1.59	16	2.47	20	0.95	7	7.00	57	1954
1990-91	1.63	15	1.90	17	0.81	7	6.85	61	1991

SIMPLE GROWTH RATE: 18% (BASE YEAR 1981-82)
SOURCE: ANNUAL REPORTS OF PERUMBEVOOR RUBBER MARKETING SOCIETY
FROM 1981-82 TO 1990-91

The share of the society in the total procurement of the Federation during the last nine years was only 3.22%. The growth in procurement of Federation is 144% while the growth of member society only 85%.

TABLE 3.6

PROCUREMENT BY MEMBER SOCIETY AT PERUMBAVOOR

FROM 1981-82 TO 1990-91

(QTY IN METRIC TONNES. AMOUNT IN LAKHS RS.)

YEARS	RUBBER SHEET			RUBBER SCRAP			TOTAL QTY	AMOUNT
	QTY	RATE	AMOUNT	QTY	RATE	AMOUNT		
1981-82	253.50	14.50	36.76	6.20	8.69	0.53	259.7	37.29
1982-83	341.70	14.17	48.42	15.60	8.50	1.32	357.3	49.72
1983-84	400.00	16.91	67.66	22.10	9.30	2.05	422.1	69.71
1984-85	405.80	15.66	63.58	17.90	9.37	1.67	413.7	65.25
1985-86	527.00	16.79	88.49	18.40	10.15	1.86	545.4	90.35
1986-87	422.20	16.00	67.55	21.00	8.56	1.79	443.2	69.34
1987-88	659.20	16.99	112.03	38.80	8.87	3.44	698.0	115.47
1988-89	513.60	17.91	92.03	27.20	9.52	2.59	540.8	94.62
1989-90	367.40	20.29	74.57	18.70	12.01	2.24	386.1	76.81
1990-91	455.50	20.03	91.27	23.90	12.75	3.04	479.4	94.31
TOTAL	8445.90		742.41	209.80		20.59	4545.7	762.87
AVERAGE	844.59		74.24	20.98		2.05	454.57	76.28
	97			3				100

SIMPLE GROWTH RATE: 15% (BASE YEAR 1981-82)

SOURCE: ANNUAL REPORTS OF PERUMBAVOOR RUBBER MARKETING SOCIETY

3.2.3 SALES:

The sales of the society during the last ten years is shown in Table 3.7. Table 3.7 clearly illustrates the progressively increasing trends in the sales of the member society. The sales of rubber sheet and scrap has shown a growth of 248%.

Federation has shown a growth of 288% in sales. But the growth rate of sales of the society is lower to this i.e. 248%.

TABLE 3.7

SALE OF RUBBER BY MEMBER SOCIETY AT PERUMBAVOOR
FROM 1981-82 TO 1990-91

YEARS	RUBBER SHEET			RUBBER SCRAP AND BLACK SHELL			TOTAL
	QTY	RATE	AMOUNT	QTY	RATE	AMOUNT	
1981-82	2.51	14.74	37.03	0.05	9.96	0.54	37.57
1982-83	3.41	14.64	49.99	0.14	9.82	1.41	51.40
1983-84	4.03	17.20	69.44	0.23	11.16	2.58	72.02
1984-85	3.99	15.91	63.55	0.17	11.20	1.95	65.50
1985-86	5.26	16.98	89.46	0.13	12.05	1.67	91.13
1986-87	4.28	16.27	69.71	0.24	10.10	2.44	72.15
1987-88	6.58	17.35	114.23	0.37	10.15	3.83	118.06
1988-89	5.12	18.23	93.46	0.26	10.26	2.98	96.45
1989-90	3.62	20.55	74.50	0.19	13.74	2.61	77.11
1990-91	4.49	20.33	91.34	0.22	13.62	2.99	94.34
TOTAL	43.33		752.75	20.00		23.03	7757.90
AVERAGE	4.33		75.20	2.03		2.30	77.59
%	97				3		100

SIMPLE GROWTH RATE: 15% (BASE YEAR 1981-82)
ANNUAL REPORTS OF PERUMBAVOOR RUBBER MARKETING SOCIETY FROM
1981-82 TO 1990-91.

3.2.4 INPUT SUPPLY:

Table 3.8 shows the input supply of the society. This table reveals the growth in the input supply of the society. The input supply has shown a growth of 241% during the last ten years. The share of the member society in the input supply of the federation is only 0.64% However, compared to growth rate of Rubber Marketing Federation the growth rate of the society is high.

TABLE 3.8

SALE OF INPUT BY MEMBER SOCIETY AT PERUMBAVOOR

YEARS	FERTILISER AMOUNT	PESTICIDES AMOUNT	ESTATE MTL AMOUNT	OTHER ITEMS AMOUNT	TOTAL AMOUNT
1981-82	3.29	0.05	0.57	5.89	9.81
1982-83	3.12	0.04	1.53	4.76	9.46
1983-84	7.39	0.17	2.30	5.91	15.79
1984-85	8.78	0.25	2.52	6.07	17.69
1985-86	14.48	0.29	2.65	6.86	24.29
1986-87	10.74	0.22	4.02	6.65	21.64
1987-88	10.51	0.35	5.17	7.28	23.32
1988-89	9.64	0.45	7.80	6.76	24.67
1989-90	6.95	0.36	5.12	3.65	16.09
1990-91	11.07	0.47	12.67	9.27	33.49
TOTAL	85.97	2.65	44.35	63.1	196.19
AVERAGE	8.6	0.26	4.43	6.31	19.62
% OF EACH	43	1	24	32	100

SIMPLE GROWTH RATE: 18% (BASE YEAR 1981-82)

SOURCE: ANNUAL REPORT OF RUBBER MARKETING SOCIETY FROM 1981-82 TO 1990-91

3.3 MUVATTUPUZHA RUBBER MARKETING SOCIETY:

The Muvattupuzha taluk Rubber Marketing Society is another member society of the Rubber Marketing Federation in Ernakulam district. The area of operation of this member society is Muvattupuzha taluk. The following parameters will help us to measure the growth of this society.

3.3.1 MEMBERSHIP AND SHARE CAPITAL:

Growth in share capital of Muvattupuzha Co-operative Rubber Marketing Society can be observed from data given in Table 3.9. The capital of the society is contributed by individuals, government, Rubber Board and societies. Out of the total capital, Government is the largest contributor. Share of individuals during 1981-82 was only 10%. But this increased to 21% during 1990-91. Contribution of Rubber Board also increased from 23% to 33%. However, the share capital has shown a growth of 53% during the last ten years.

TABLE 3.9

GROWTH OF MEMBERSHIP AND SHARE CAPITAL OF
MEMBER SOCIETY AT MUVATTUPUZHA FROM 1981-82 TO 1990-91

YEARS	INDIVIDUAL A		GOVERNMENT B		RUBBER BOARD B		SOCIETIES C		TOTAL	
	SHARE CAPITAL	% TO TOTAL	SHARE CAPITAL	% TO TOTAL	SHARE CAPITAL	% TO TOTAL	SHARE CAPITAL	% TO TOTAL	NO.OF SHARES	SHARE CAPITAL
1981-82	1.08	10	7.00	67	2.32	23	0.00	-	2618	10.40
1982-83	1.13	10	7.00	63	2.84	26	0.07	1	2671	11.04
1983-84	1.15	11	7.00	64	2.76	24	0.09	1	2694	11.00
1984-85	1.18	10	7.00	61	3.28	28	0.09	1	2729	11.55
1985-86	1.32	10	8.85	66	3.20	23	0.11	1	2856	13.48
1986-87	2.86	16	8.85	50	6.00	33	0.12	1	2257	17.83
1987-88	2.96	17	8.85	50	5.88	32	0.12	1	2318	17.81
1988-89	3.21	18	8.50	48	5.76	33	0.12	1	2410	17.60
1989-90	3.38	21	7.14	44	5.52	34	0.12	1	2867	16.16
1990-91	3.33	21	7.14	45	5.28	33	0.12	1	2924	15.88

SIMPLE AVERAGE GROWTH RATE IS 5%

SOURCE: ANNUAL REPORTS OF MUVATTUPUZA RUBBER MARKETING SOCIETY FROM 1981-82 TO 1990-91

3.3.2 PROCUREMENT:

The procurement of the society has shown in Table 3.10. The society mainly procures two types of rubber i.e. rubber sheet and rubber scrap. Out of total procurement 89% are rubber sheet, remaining is rubber scrap. The procurement of rubber has shown a growth of 161% during the last 10 years. The procurement growth rate of the member society is higher than the growth rate of

Rubber Marketing Federation. The share of the society in total procurement of the Federation is 3.14%.

TABLE 3.10

PROCUREMENT BY MEMBER SOCIETY AT MUVATTUPUZHA
FROM 1981-82 TO 1990-91.

(QTY IN METRIC TONNES, AMOUNT IN LAKHS)

YEARS	RUBBER SHEET		RUBBER SCRAP		TOTAL	
	QTY	AMOUNT	QTY	AMOUNT	QTY	AMOUNT
1981-82	N.A.	55.61	N.A.	3.04	N.A.	58.65
1982-83	N.A.	93.04	N.A.	3.55	N.A.	96.59
1983-84	N.A.	115.01	N.A.	2.97	N.A.	117.98
1984-85	640.9	100.43	26.9	2.56	667.8	102.99
1985-86	808.2	134.93	35.3	3.66	843.5	138.59
1986-87	676.1	107.55	75.7	7.14	751.8	114.69
1987-88	699.2	117.69	157.2	14.91	856.4	132.60
1988-89	701.0	121.16	198.9	20.14	899.9	141.30
1989-90	N.A.	110.98	N.A.	38.69	N.A.	149.67
1990-91	N.A.	112.27	N.A.	40.64	N.A.	152.91
TOTAL		1068.67		137.30	N.A.	1205.97
AVERAGE		106.86		13.73	N.A.	120.6
		89		11	N.A.	100

SIMPLE GROWTH RATE: 16%

SOURCE: ANNUAL REPORT OF MUVATTUPUZHA RUBBER MARKETING SOCIETY
FROM 1981-82 TO 1990-91.

3.3.3 SALES:

The sales of the society during the last ten years is shown in Table 3.11. Out of total sales 86% is rubber sheet remaining is rubber scrap. The sales of the society has shown a growth of 159% during the last ten years. There is no much difference between the sales growth rate of Federation and Society.

TABLE 3.11

SALE OF RUBBER BY MUVATTUPUZHA RUBBER MARKETING SOCIETY
FROM 1981-82 TO 1990-91.

(QTY IN METRIC TONNES, AMOUNT IN LAKHS)

YEARS	RUBBER SHEET	RUBBER SCRAP	TOTAL
	AMOUNT	AMOUNT	AMOUNT
1981-82	54.69	3.20	57.89
1982-83	93.03	3.59	96.62
1983-84	117.40	3.73	121.13
1984-85	99.36	2.47	101.83
1985-86	133.77	4.26	138.03
1986-87	111.07	7.85	118.92
1987-88	119.17	14.91	134.08
1988-89	122.51	20.14	142.65
1989-90	116.71	38.67	155.38
1990-91	109.59	40.52	150.11
TOTAL	1077.30	139.34	1216.64
AVERAGE	107.73	13.93	121.66
	86	14	100

SIMPLE AVERAGE GROWTH RATE: 16%

SOURCE: ANNUAL REPORT OF MUVATTUPUZHA RUBBER MARKETING SOCIETY FROM 1981-82 TO 1990-91

3.3.4 INPUT SUPPLY:

Table 3.12 shows the growth in input supply of the society. Mainly three types of inputs are supplied by the society. i.e. fertilisers, pesticides and estate materials. More than 50% is estate materials. However the input supply has shown a growth of 179%. The growth rate of the society in input supply is lower than the growth of the Federation. The share of the society in total input supply of Federation is 4.16%.

TABLE 3.12
SALE OF INPUTS BY MEMBER SOCIETY AT MUVATTUPUZHA
FROM 1981-82 TO 1990-91
(AMOUNT IN LAKHS)

YEARS	FERTILISER AMOUNT	PESTICIDES AMOUNT	ESTATE MATERIALS AMOUNT	TOTAL AMOUNT
1981-82	4.82	0.23	2.74	7.79
1982-83	4.67	0.24	3.71	8.62
1983-84	5.49	0.53	4.65	10.67
1984-85	5.75	0.50	6.65	12.90
1985-86	18.12	0.63	8.55	27.30
1986-87	15.11	0.50	11.19	26.80
1987-88	5.01	0.50	4.44	9.95
1988-89	3.27	0.93	8.70	12.90
1989-90	3.98	0.99	13.51	18.48
1990-91	4.12	1.05	16.55	21.72
TOTAL	70.34	6.60	80.69	157.63
AVERAGE	7.03	0.66	8.07	15.76
	45	4	51	100

SIMPLE AVERAGE GROWTH RATE 18% ; SOURCE: OFFICIAL RECORDS OF MUVATTUPUZHA RUBBER MARKETING SOCIETY.

Another member society is at Arakunnam. The name of the society is Arakunnam Co-operative Rubber Marketing Society. The area of operation of the society shall be Mulanthuruthy, Pampakuda, Vadavucode blocks. Its objectives are similar to that of other member societies.

Since 1972 to 1985 the society procured rubber and worked as member society of the Rubber Marketing Federation. But due to financial difficulties the society made an agreement with the Federation. On the basis of that agreement the society stopped its rubber procurement at Arakunnam. The Federation started an agency purchase branch in the society building on the basis of a commission of 2 paise per Kg of rubber purchased by the purchase branch and rent of Rs.300 per month.

The Rubber Marketing Federation had got an agency purchase branch on commission basis at Kothamangalam in the building of Kothamangalam Co-operative Marketing Society upto 1-4-1991. From 1-4-1991 onwards this began to function as a member of Rubber Marketing Federation. Therefore the Rubber Marketing Federation stopped its purchase branch at Kothamangalam.