

## APPENDIX - I

PRIVATE RUBBER ESTATES - UNDER THE PURVIEW OF THE PLANTATIONS LABOUR ACT - KANYAKUMARI DISTRICT

S.No. (1)	Name of the Estate (2)	Area in hectares (3)	Male (4)	Workers Female (5)	Total (6)
1	New Ambadi	414.02	213	89	302
2	Velimalai	332.04	168	1	169
3	Vaikundam	328.62	234	71	305
4	Gandhinatui	245.64	13	18	31
5	Bethani	200.49	36	1	37
6	Edessa Group	120.91	65	3	68
7	Sivalogam	117.78	70	3	73
8	Greenham	116.53	78	11	89
9	Palali	108.15	28	5	33
10	Pioneer Nagamoni	101.00	31	10	41
11	Kamadenu	92.82	73	7	80
12	Maruthi	84.18	51	5	56
13	Kumar Palkulam	60.70	23	5	28
14	Pioneer Siphonia	60.50	35	3	38
15	Nagamalai Palkulam	59.09	36	4	40
16	Palkulam	59.09	32	5	37
17	Palkulam Manalakanai	59.09	22	5	27
18	Brindavan	47.77	15	-	15
19	AHC Plantations	42.19	36	4	40
20	Balamore	40.47	22	20	42
21	Pioneer Paramount	40.50	41	6	47
22	Pioneer Jeya	18.50	7	1	8
23	Pioneer Nelayappan	18.50	4	-	4
24	Pioneer Siva	17.50	4	2	6
25	Pioneer	17.50	5	1	6
26	Pioneer Muthu	17.50	5	-	5
27	Kanakambikai-A	12.95	8	-	8
28	Kanakambikai-B	12.61	7	-	7
29	Mahendragiri	12.40	9	6	15
30	Murugan	11.48	6	-	6
31	Nataraja	11.48	6	-	6
32	Meenakshi	11.43	5	-	5
33	Talakot-I	9.71	6	1	7
34	Talakot-II	9.71	7	1	8
35	Talakot-IV	9.71	6	-	6
36	Sri Ambika	9.19	9	-	9
37	Sri Kumari	9.19	9	1	10
38	Sri Rajeswari	9.19	8	1	9
39	Sri Devi	9.19	8	-	8
40	Carmelgiri	9.00	13	5	18
41	Kanakambikai-C	8.90	5	-	5
42	Talakot-III	7.29	6	-	6
Total		3027.51	1465	295	1760

Source: Inspector of Plantations, Nagercoil, Administrative Report for 1983-'84, pp.7-16.

**APPENDIX - II**

**GOVERNMENT RUBBER PLANTATIONS-KANYAKUMARI DISTRICT**

S.No.	Name of the Division	Area in hectares	No. of workers		
			Male	Female	Total
1	Keeriparai	486.55	192	95	287
2	Manalodai	534.06	200	136	336
3	Kalikeenam	434.00	87	90	177
4	Paraliar	464.00	106	116	222
5	Chittar	647.00	164	142	306
6	Kallar	595.89	144	88	232
7	Kuthiar	496.84	133	126	259
8	Maruthamparai	425.00	102	53	155
9	Mylar	678.00	158	167	325
<b>TOTAL</b>		<b>4761.34</b>	<b>1286</b>	<b>1013</b>	<b>2299</b>

Source: General Manager-Government Rubber Plantations,  
Nagercoil, Annual Report for 1983-'84, p.13.

**APPENDIX - III**  
**WORKING CLASS COST OF LIVING INDEX NUMBERS FOR**  
**THE NAGERCOIL CENTRE**  
**1952 = 100**

<b>Year</b>	<b>Index</b>	<b>Year</b>	<b>Index</b>
1952	369	1968	762
1953	350	1969	805
1954	336	1970	919
1955	347	1971	992
1956	368	1972	1097
1957	413	1973	1276
1958	427	1974	1699
1959	471	1975	1954
1960	488	1976	1654
1961	491	1977	1724
1962	504	1978	1821
1963	521	1979	2009
1964	535	1980	2363
1965	670	1981	2644
1966	725	1982	2893
1967	764	1983	3400

**Sources: (1) Government of Kerala-  
Bureau of Economics and  
Statistics For the  
years 1952 to 1955**

**(2) Government of Tamilnadu-  
Commissioner of Statistics  
For the years 1956 to 1983**

APPENDIX IV

WAGE RATES OF WORKERS IN THE RUBBER PLANTATIONS IN KANYAKUMARI DISTRICT

YEAR	Field Workers		Factory Workers		Tappers	
	Men Rs.Ps.	Women Rs.Ps.	Men Rs.Ps.	Women Rs.Ps.	Piece Rate Rs.Ps.	S.T.R. Rs.Ps.
1952	1.60	1.20	1.81	1.37	1.64	0.80
1953	1.60	1.20	1.81	1.37	1.64	0.80
1954	1.60	1.20	1.81	1.37	1.64	0.80
1955	1.60	1.20	1.81	1.37	1.64	0.80
1956	1.60	1.20	1.81	1.37	1.64	0.80
1957	1.72	1.35	1.87	1.44	1.76	0.86
1958	1.72	1.35	1.87	1.44	1.76	0.86
1959	1.72	1.35	1.87	1.44	1.76	0.86
1960	1.72	1.35	1.87	1.44	1.76	0.86
1961	1.87	1.44	2.02	1.55	1.92	0.93
1962	1.87	1.44	2.02	1.55	1.92	0.93
1963	1.87	1.44	2.02	1.55	1.92	0.93
1964	2.10	1.60	2.30	1.95	2.69	1.04
1965	2.20	1.60	2.40	2.05	2.76	1.11
1966	2.50	2.20	2.70	2.35	3.33	1.32
1967	2.65	2.35	2.85	2.50	3.52	1.32
1968	2.77	2.47	2.97	2.62	3.68	1.32
1969	3.75	3.37	3.97	3.54	3.93	1.60
1970	3.75	3.37	3.97	3.54	3.93	1.60
1971	4.05	3.67	4.27	3.84	4.24	1.60
1972	4.50	4.12	4.75	4.32	4.68	1.65
1973	4.80	4.42	5.05	4.62	4.93	1.65
1974	5.23	4.85	5.48	5.05	5.36	1.65
1975	7.37	7.19	7.82	7.39	7.77	2.35
1976	6.55	6.17	6.80	6.37	6.75	2.35
1977	8.08	7.70	8.48	8.10	8.28	3.05
1978	9.84	8.45	9.24	8.86	9.04	3.65
1979	11.31	11.31	11.96	11.96	11.51	5.65
1980	13.24	13.24	13.89	13.89	13.44	5.65
1981	14.82	14.82	15.47	15.47	15.02	5.65
1982	17.47	17.47	18.22	18.22	17.67	5.65
1983	19.03	19.03	19.68	19.68	19.23	5.65

Sources: (1) For the years 1952 to 1960 - Report of the Minimum Wages Committee for Plantations, Government of Travancore-Cochin, and the Annual Report of the Inspector of Plantations, Nagercoil for the years 1957-'59 to 1960-'61.

APPENDIX - V

RATE FOR STANDARD OUTPUT OF RUBBER IN DIFFERENT CLASSES OF RUBBER ESTATES IN THE  
RUBBER PLANTATIONS IN KANYAKUMARI DISTRICT

YEAR	<u>Classes of Rubber Estates</u>			
	<u>Rs.P.</u>	<u>Rs.P.</u>	<u>Rs.P.</u>	<u>Rs.P.</u>
1952	0.73	0.87	0.85	0.84
1953	0.73	0.87	0.85	0.84
1954	0.73	0.87	0.85	0.84
1955	0.73	0.87	0.85	0.84
1956	0.73	0.87	0.85	0.84
1957	0.73	0.87	0.85	0.84
1958	0.73	0.87	0.85	0.84
1959	0.73	0.87	0.85	0.84
1960	0.73	0.87	0.85	0.84
1961	0.78	1.20	1.30	1.33
1962	0.78	1.20	1.30	1.33
1963	0.78	1.20	1.30	1.33
1964	0.78	1.20	1.30	1.33
1965	0.78	1.20	1.30	1.33
1966	0.78	1.20	1.30	1.33
1967	1.33	1.33	1.33	1.33
1968	1.33	1.33	1.33	1.33
1969	1.68	1.70	1.71	1.69
1970	1.69	1.70	1.71	1.69
1971	1.68	1.70	1.71	1.69
1972	1.68	1.70	1.71	1.69
1973	1.68	1.70	1.71	1.69
1974	1.68	1.70	1.71	1.69
1975	2.60	2.60	2.60	2.60
1976	2.60	2.60	2.60	2.60
1977	2.99	2.99	2.99	2.99
1978	2.99	2.99	2.99	2.99
1979	3.51	3.51	3.51	3.51
1980	3.51	3.51	3.51	3.51
1981	3.51	3.51	3.51	3.51
1982	3.51	3.51	3.51	3.51
1983	3.51	3.51	3.51	3.51

- Sources: (1) Report of the Minimum Wages Committee, Travancore-Cochin, 1954, p.38.  
(2) Report of the Central Wage Board for the Rubber Plantations Industry, 1969, p.52.  
(3) Government of Kerala, Proceedings of the Kerala Plantation Labour Committee, 1967, p.5.  
(4) Memorandum of Wage Settlement for the year, 1969, p.3.

**APPENDIX - VI**

**OVERKILO RATES PAID TO THE TAPPERS IN THE RUBBER PLANTATIONS IN  
KANYAKUMARI DISTRICT (RATES PER KILOGRAM)**

Y E A R	Classes of Rubber Estates			
	I	II	III	IV
	Rs.P.	Rs.P.	Rs.P.	Rs.P.
1961	0.14	0.14	0.16	0.16
1962	0.14	0.14	0.16	0.16
1963	0.14	0.14	0.16	0.16
1964	0.14	0.14	0.16	0.16
1965	0.14	0.14	0.16	0.16
1966	0.14	0.14	0.16	0.16
1967	0.14	0.14	0.20	0.20
1968	0.14	0.14	0.20	0.20
1969	0.21	0.21	0.27	0.27
1970	0.21	0.21	0.27	0.27
1971	0.21	0.21	0.27	0.27
1972	0.21	0.21	0.27	0.27
1973	0.30	0.30	0.32	0.32
1974	0.30	0.30	0.32	0.32
1975	0.33	0.33	0.35	0.35
1976	0.33	0.33	0.35	0.35
1977	0.50	0.50	0.50	0.50
1978	0.50	0.50	0.50	0.50
1979	0.65	0.65	0.65	0.65
1980	0.65	0.65	0.65	0.65
1981	0.65	0.65	0.65	0.65
1982	0.65	0.65	0.65	0.65
1983	0.65	0.65	0.65	0.65

APPENDIX - VII

**RATES PAID FOR SCRAP RUBBER TO THE TAPPERS IN THE RUBBER PLANTATIONS IN KANYAKUMARI DISTRICT (RATE PER KILOGRAM)**

Y E A R	Classes of Rubber Estates			
	I	II	III	IV
	Rs.P.	Rs.P.	Rs.P.	Rs.P.
1972	0.25	0.25	0.27	0.27
1973	0.25	0.25	0.27	0.27
1974	0.25	0.25	0.27	0.27
1975	0.25	0.25	0.27	0.27
1976	0.25	0.25	0.27	0.27
1977	0.30	0.30	0.30	0.30
1978	0.30	0.30	0.30	0.30
1979	0.30	0.30	0.30	0.30
1980	0.30	0.30	0.30	0.30
1981	0.30	0.30	0.30	0.30
1982	0.30	0.30	0.30	0.30
1983	0.30	0.30	0.30	0.30

Source: (1) Report of the Minimum Wages Committee for Plantations, Government of Travancore-Cochin, 1953.

(2) Memorandums of Settlement for the years 1973 and 1977.

APPENDIX - VIII

AREA UNDER RUBBER - KANIYAKUMARI DISTRICT

<u>Year</u>	<u>Area in hectares</u>	<u>Year</u>	<u>Area in hectares</u>
1955-'56	3773	1969-'70	9846
1956-'57	4187	1970-'71	10015
1957-'58	4393	1971-'72	10828
1958-'59	4687	1972-'73	11009
1959-'60	5111	1973-'74	11327
1960-'61	5508	1974-'75	11455
1961-'62	6238	1975-'76	11498
1962-'63	6576	1976-'77	11570
1963-'64	6804	1977-'78	11646
1964-'65	7223	1978-'79	11683
1965-'66	7520	1979-'80	11720
1966-'67	8082	1980-'81	11768
1967-'68	8352		
1968-'69	9248		

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Source: Rubber Board, Indian Rubber Statistics, 1983-'84, p.8.

APPENDIX - IX

TAPPALE AREA GROSE RUBBER - KANYAKUMARI DISTRICT

<u>Year</u>	<u>Area in hectares</u>	<u>Year</u>	<u>Area in hectares</u>
1953-'54	2921	1968-'69	4958
1954-'55	3029	1969-'70	5359
1955-'56	3204	1970-'71	5673
1956-'57	3259	1971-'72	5943
1957-'58	3265	1972-'73	6490
1958-'59	3222	1973-'74	7460
1959-'60	3185	1974-'75	7982
1960-'61	3305	1975-'76	8257
1961-'62	3421	1976-'77	8952
1962-'63	3901	1977-'78	8990
1963-'64	4319	1978-'79	8952
1964-'65	4678	1979-'80	9195
1965-'66	4721	1980-'81	9700
1966-'67	4812	1981-'82	9912
1967-'68	4808		

Source: Rubber Board, Indian Rubber Statistics, 1983-'84, p.19.

APPENDIX - X

PRODUCTION OF RUBBER - KANYAKUMARI DISTRICT

( metric Tonnes )

<u>Year</u>	<u>Tonnes</u>	<u>Year</u>	<u>Tonnes</u>
1953-'54	1380	1968-'69	4100
1954-'55	1454	1969-'70	4528
1955-'56	1608	1970-'71	4889
1956-'57	1806	1971-'72	5140
1957-'58	1890	1972-'73	5739
1958-'59	1665	1973-'74	7036
1959-'60	1814	1974-'75	7523
1960-'61	2040	1975-'76	7631
1961-'62	2060	1976-'77	8535
1962-'63	2695	1977-'78	9015
1963-'64	3176	1978-'79	9367
1964-'65	3724	1979-'80	9108
1965-'66	3195	1980-'81	10446
1966-'67	3927	1981-'82	10510
1967-'68	4048		

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Source: Rubber Board, Indian Rubber Statistics, 1983-'84, pp.18-19.

**APPENDIX - II**

**PRODUCTION AND CONSUMPTION OF NATURAL RUBBER IN INDIA**  
(METRIC TONNES)

<u>Year</u>	<u>Production</u>	<u>Consumption</u>	<u>Year</u>	<u>Production</u>	<u>Consumption</u>
1950-'51	15830	19857	1967-'68	64468	74518
1951-'52	18067	23202	1968-'69	71054	86618
1952-'53	20496	20344	1969-'70	81954	98213
1953-'54	21598	24142	1970-'71	92171	87237
1954-'55	21774	26332	1971-'72	101210	96454
1955-'56	23730	26445	1972-'73	112564	104028
1956-'57	24060	29998	1973-'74	126153	130302
1957-'58	24534	33074	1974-'75	130143	132604
1958-'59	24169	35767	1975-'76	137750	125692
1959-'60	24173	40491	1976-'77	149632	137623
1960-'61	25697	48146	1977-'78	146987	144967
1961-'62	27446	48410	1978-'79	136297	164524
1962-'63	32239	53553	1979-'80	148770	165241
1963-'64	37487	61115	1980-'81	153100	173830
1964-'65	45616	61057	1981-'82	152870	186420
1965-'66	50530	63755	1982-'83	169000	198000
1966-'67	54818	66695	1983-'84	175000	198000

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Sources: Rubber Board, Indian Rubber Statistics, 1983-'84, p.36.

APPENDIX XII

YIELD PER HECTARE OF NATURAL RUBBER (IN KILOGRAMS)

Year	Kanyakumari District	Kerala (in kg)	Year	Kanyakumari District	Kerala (in kg)
1953-'54	472	321	1968-'69	827	568
1954-'55	480	320	1969-'70	848	609
1955-'56	501	347	1970-'71	887	647
1956-'57	554	324	1971-'72	865	673
1957-'58	578	355	1972-'73	934	721
1958-'59	519	337	1973-'74	943	750
1959-'60	570	336	1974-'75	942	755
1960-'61	617	354	1975-'76	924	768
1961-'62	602	360	1976-'77	953	802
1962-'63	691	370	1977-'78	1003	764
1963-'64	735	377	1978-'79	1046	698
1964-'65	798	408	1979-'80	990	764
1965-'66	677	440	1980-'81	1059	789
1966-'67	816	471	1981-'82	1060	779
1967-'68	825	538	1982-'83	1078	830

Source: Rubber Board, Indian Rubber Statistics, 1982-83, p.18.

APPENDIX - XIII

NOTIFIED PRICE OF NATURAL RUBBER INDIA

(PER QUINTAL)

<u>Year</u>	<u>Price</u> <u>Rs.P.</u>	<u>Year</u>	<u>Price</u> <u>Rs.P.</u>
1952	281.14	1968	415.50
1953	303.19	1969	415.50
1954	303.19	1970	415.50
1955	329.65	1971	415.50
1956	329.65	1972	415.50
1957	329.65	1973	415.50
1958	329.00	1974	415.50
1959	329.00	1975	415.50
1960	329.00	1976	415.50
1961	328.50	1977	520.00
1962	324.10	1978	520.00
1963	324.10	1979	520.00
1964	324.10	1980	520.00
1965	324.10	1981	652.00
1966	324.10	1982	825.00
1967	324.10	1983	825.00

Source: Rubber Board, Indian Rubber Statistics, 1983-'84, pp.47-51.

APPENDIX - XIV

MARKET PRICE OF NATURAL RUBBER IN INDIA  
(PER QUINTAL)

<u>Year</u>	<u>Price</u> <u>Rs./Q.</u>
1968	465.61
1969	500.70
1970	463.60
1971	420.78
1972	458.71
1973	518.39
1974	649.24
1975	743.62
1976	695.96
1977	632.11
1978	953.43
1979	1016.61
1980	1212.20
1981	1430.65
1982	1544.33
1983	1537.00

Source: Rubber Board, Indian Rubber Statistics,  
1983-'84, p.52.

APPENDIX - XV

MARKET PRICE OF NATURAL RUBBER  
(PER QUINTAL)

<u>YEAR</u>	<u>London</u> Rs.P.	<u>New York</u> Rs.P.	<u>Kulalumpur</u> Rs.P.
1959	369.00	384.00	348.00
1960	394.00	400.00	371.00
1961	303.00	310.00	278.00
1962	285.00	300.00	268.00
1963	266.00	276.00	248.00
1964	252.00	265.00	234.00
1965	263.00	270.00	240.00
1966	383.00	391.00	353.00
1967	286.00	329.00	292.00
1968	310.00	328.00	287.00
1969	416.00	433.00	377.00
1970	337.00	347.00	305.00
1971	285.00	299.00	268.00
1972	251.00	311.00	261.00
1973	597.00	623.00	551.00
1974	621.00	689.00	597.00
1975	566.00	591.00	472.00
1976	790.00	785.00	707.00
1977	794.00	830.00	723.00
1978	855.00	911.00	816.00
1979	1041.00	1156.00	1042.00
1980	1174.00	1295.00	1132.00
1981	988.00	1092.00	974.00
1982	1014.00	1198.00	811.00
1983	1171.18	1173.00	1057.00

Source: Rubber Board, Indian Rubber Statistics, 1983-'84, p.104.

APPENDIX - XVI

REPLANTING SUBSIDY PAID TO THE PRODUCERS OF NATURAL RUBBER  
( '000 RS)

<u>Year</u>	<u>Amount</u>
1961 - '62	2630
1962 - '63	3207
1963-'64	5368
1964 - '65	5246
1965 - '66	6277
1966 - '67	5159
1967 - '68	6773
1968 - '69	6292
1969 - '70	5703
1970 - '71	5519
1971 - '72	4561
1972 - '73	4359
1973 - '74	3404
1974 - '75	4896
1975 - '76	6002
1976 - '77	10009
1977 - '78	11171
1978 - '79	14497
1979 - '80	15940
1980 - '81	12017
1981 - '82	12909

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Source: Rubber Board - Indian Rubber  
Statistics, 1983-'84, p.75.

APPENDIX XVII

**EXCISE DUTY ON NATURAL RUBBER COLLECTED FROM THE PRODUCERS OF  
NATURAL RUBBER AND MANUFACTURERS OF RUBBER PRODUCTS**  
(IN 000 RS)

<u>Y E A R</u>	Excise Duty on Rubber		
	Producers	Manufacturers	Total
1961-'62	1534	1632	3366
1962-'63	532	7002	7534
1963-'64	885	4269	5154
1964-'65	192	11164	11356
1965-'66	246	13314	13560
1966-'67	334	17086	17420
1967-'68	191	16084	16275
1968-'69	153	20367	20520
1969-'70	47	21311	21358
1970-'71	6	22793	22799
1971-'72	5	27030	27035
1972-'73	10	30438	30448
1973-'74	4	31508	31512
1974-'75	8	38133	38141
1975-'76	4	36125	36129
1976-'77	5	48874	48879
1977-'78	3	53898	53901
1978-'79	4	57861	57865
1979-'80	5	60551	60556
1980-'81	7	62476	62483
1981-'82	1	60285	60286

Source: Rubber Board, Indian Rubber Statistics, 1983-'84, p.74.

APPENDIX XVIII  
INDEX NUMBERS - NATURAL RUBBER IN INDIA

YEAR	Wholesale Prices (Base=1970-'71=100)	Agricultural Production (Base-Trennium ending 1969-and 70=100)	Industrial Production (Base=1970=100)	Productivity (Base-Trennium ending 1969-'70=100)
1970-'71	100	127.1	100	112.8
1971-'72	104.7	139.6	109.9	116.9
1972-'73	104.7	155.1	114.2	125.0
1973-'74	104.7	172.7	112.8	130.4
1974-'75	166.3	179.5	119.8	131.2
1975-'76	153.2	190.2	123.1	132.8
1976-'77	125.2	206.5	121.7	138.7
1977-'78	155.3	202.9	127.9	132.4
1978-'79	199.4	186.8	143.2	122.6
1979-'80	214.8	205.0	142.7	132.8
1980-'81	255.0	211.3	150.3	136.9
1981-'82	301.2	217.9	152.8	138.7

Source: Rubber Board, Indian Rubber Statistics, 1983-'84, pp.87-91.

APPENDIX - XIX

AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS IN  
INDIA

<u>YEAR</u>	<u>NUMBER</u>
1961	101776
1962	106363
1963	113528
1964	115598
1965	122481
1966	128958
1967	135104
1968	139795
1969	144423
1970	146591
1971	147902
1972	148040
1973	150909
1974	154214
1975	157754
1976	162661
1977	168475
1978	175480
1979	180400
1980	187000
1981	195000

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Source: Rubber Board, Indian Rubber Statistics, 1983-'84, p.74.

APPENDIX XI

NOTIFIED PRICE OF NATURAL RUBBER, COST OF PRODUCTION OF RUBBER AND INCOME TO THE PLANTER

Year	Notified Price of Natural Rubber (per quintal) Rs.P.	Cost of Production including labour cost and taxes (per quintal) Rs.P.	Income to the Planter (per quintal) Rs.P.
1952	291.14	198.19	92.95
1953	303.19	198.19	115.00
1954	303.19	198.19	115.00
1955	329.65	198.19	141.46
1956	329.65	198.19	141.46
1957	329.65	198.19	141.46
1958	329.00	188.19	140.81
1959	329.00	188.19	140.81
1960	329.00	188.19	140.81
1961	328.50	209.13	119.37
1962	324.10	209.13	114.97
1963	324.10	209.13	114.97
1964	324.10	209.13	114.97
1965	324.10	209.13	114.97
1966	324.10	209.13	114.97
1967	324.10	242.69	81.41
1968	415.50	242.69	172.81
1969	415.50	242.69	172.81
1970	415.50	242.69	172.81
1971	415.50	323.50	102.00
1972	415.50	313.50	102.00
1973	415.50	313.50	102.00
1974	415.50	313.50	102.00
1975	415.50	313.50	102.00
1976	415.50	313.50	102.00
1977	520.00	343.50	186.50
1978	520.00	343.50	186.50
1979	520.00	343.50	186.50
1980	520.00	343.50	186.50
1981	655.00	399.00	256.00
1982	925.00	437.00	388.00
1983	825.00	437.00	388.00

Source: Rubber Board, Indian Rubber Statistics, 1963-'84, pp.45-51, 55.