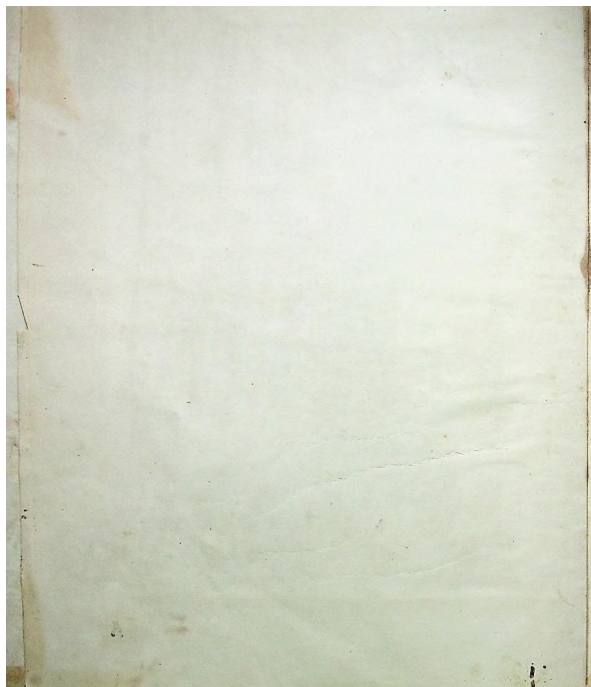




6-533

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INDIAN RUBBER STATISTICS

Compiled by
THE STATISTICS AND PLANNING DIVISION
Rubber Board

THE RUBBER BOARD
(MINISTRY OF COMMERCE, GOVT. OF INDIA)
KOTTAYAM 686 001 INDIA

15823 J
10/10/91

ABOUT THE RUBBER BOARD

The Rubber Board is a statutory body constituted under the Rubber Act, 1947.

The functions of the Board as defined under the Act are : — [1] To promote by such measures as it thinks fit the development of the rubber industry [2] Without prejudice to the generality of the foregoing providing the measures referred to therein may provide for:— [a] undertaking, sustaining or encouraging scientific technological or economic research; [b] training students in improved methods of planting, cultivation, manuring and spraying; [c] the supply of technical advice to rubber growers; [d] improving the marketing of rubber; [e] the collection of statistics from owners of estates, dealers and manufacturers; [f] securing better working conditions and [g] carrying out any other duties which may be vested in the Board under rules made under this Act.

It shall also be the duty of the Board— [a] to advise the Central Government on all matters relating to the development of the rubber industry, including the import and export of rubber; [b] to advise the Central Government with regard to participation in any international conference or scheme relating to rubber; [c] to submit to the Central Government and such other authorities as may be prescribed, half-yearly reports on its activities and the working of this Act; and [d] to prepare and furnish such other reports relating to the rubber industry as may be required by the Central Government from time to time.

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Table-1

STATEWISE DISTRIBUTION OF AREA UNDER RUBBER IN THE END OF EACH YEAR
AREA NEWPLANTED AND REPLANTED WITH RUBBER SINCE 1954-55

(Area in hectares)

Year	Newplanted	Replanted	Total
1954-55	4291	455	4746
1955-56	9342	719	10061
1956-57	12030	737	12767
1957-58	14278	1394	15672
1958-59	12605	1874	14479
1959-60	9963	1641	11604
1960-61	12104	1385	13489
1961-62	14485	2446	16931
1962-63	13222	2499	15721
1963-64	6551	2309	8860
1964-65	5800	2692	8492
1965-66	4749	4163	8912
1966-67	5886	4039	9925
1967-68	6614	2905	9519
1968-69	6079	1905	7984
1969-70	6709	1920	8629
1970-71	6855	2089	8944
1971-72	3044	1473	4517
1972-73	2422	1704	4126
1973-74	2951	1576	4527
1974-75	3000	2200	5200
1975-76	3000	3000	6000
1976-77	3500	3172	6672
1977-78	3000	3645	6645
1978-79	5500	4050	9550
1979-80	12200	4065	16265
1980-81	17700	4036	21736
1981-82	17600	4188	21788
1982-83	17700	4085	21785
1983-84	18500	4150	22650
1984-85	19500	4100	23600
1985-86	18000	4000	22000
1986-87	15000	4000	19000

Note: Figures from 1983-84 are provisional

Table-2

STATEWISE DISTRIBUTION OF AREA UNDER RUBBER AT THE END OF EACH YEAR

(Area in hectares)

Year (1)	Kerala (2)	Tamil Nadu (3)	Karnataka (4)	Others (5)	Total (6)
1955-56	78457	3773	1503	134	83867
1956-57	88879	4187	1578	195	94839
1957-58	99874	4393	1589	171	106027
1958-59	109518	4687	1594	171	115970
1959-60	116732	5111	1598	171	123612
1960-61	122628	5508	1598	171	129905
1961-62	132840	6238	1631	171	140880
1962-63	137713	6576	1689	171	146149
1963-64	144208	6804	1755	179	152946
1964-65	146151	7223	1755	195	155324
1965-66	154878	7820	1755	260	164713
1966-67	161074	8082	1844	260	171260
1967-68	169650	8352	3160	430	181592
1968-69	174734	9248	3102	430	187514
1969-70	182528	9846	3740	589	196703
1970-71	187762	10015	4708	613	203098
1971-72	191351	10828	5989	613	208781
1972-73	195493	11009	5597	613	213112
1973-74	199604	11327	5996	613	217540
1974-75	202318	11455	6544	948	221265
1975-76	205383	11498	6585	562	224428
1976-77	209723	11570	7763	1507	230563
1977-78	219414	14860	7866	3020	245200
1978-79	221823	15110	8057	4260	249250
1979-80	232250	15260	8157	5828	261495
1980-81	247180	15513	8457	6907	278057
1981-82	262600	15740	8950	8253	295543
1982-83	276050	16020	9460	9693	313223
1983-84	294290	16340	10150	10987	331767
1984-85	311982	16550	10850	12468	351850
1985-86	326710	16710	11178	14750	369348
1986-87 (P)	337700	16800	11700	17800	384000

Note: Refer to registered area upto 1976-77 and thereafter include estimate for unregistered area

P: Provisional

Table 3

DISTRICTWISE TREND IN PLANTED AREA UNDER RUBBER

NAME OF DISTRICT/ STATE/TERRITORY	HOLDINGS			ESTATES			TOTAL	HOLDINGS			ESTATES			TOTAL
	Number of Units (2)	Area in Hectares (3)	No. of Units (4)	Area in Hectares (5)	No. of Units (6)	Area in Hectares (7)		No. of Units (8)	Area in Hectares (9)	No. of Units (10)	Area in Hectares (11)	No. of Units (12)	Area in Hectares (13)	
(1)														
1. Trivandrum	988	2993	22	1155	1010	4148	1605	3734	28	1310	1633	5044		
2. Quilon	7951	12360	87	10408	8038	22768	9934	14285	91	12152	10025	26433		
3. Alleppey	2148	2204	2	115	2150	2319	2788	2800	2	80	2790	2860		
4. Kottayam	36141	34448	115	10316	36256	44764	39280	37471	114	10490	39394	47061		
5. Ernakulam	8684	12918	54	4808	8738	17726	11463	16106	49	6255	11512	22361		
6. Trichur	320	1145	26	5673	346	6878	676	2012	32	5886	708	7898		
7. Palghat	496	2141	58	3852	554	5973	825	3369	76	4810	901	8169		
8. Kozhikode	2784	7541	116	10869	2900	18410	3592	9668	131	11620	3723	21288		
9. Cannanore	2790	7174	50	2740	2840	9914	4282	9557	58	3303	4340	12860		
Kerala	62302	82924	530	49916	62832	132840	74445	98992	581	55886	75026	154878		
10. Kanyakumari	534	1718	33	3878	567	5596	1018	2574	35	4605	1053	7179		
11. Madurai	1	84	2	142	3	153	1	10	2	143	3	153		
12. Nilgiris	11	24	2	161	13	245	11	84	2	161	13	245		
13. Coimbatore	...	...	2	221	2	221	...	...	2	221	2	221		
14. Salem	2	23	...	...	2	23	2	23	...	...	2	23		
Tamil Nadu	548	1836	39	4402	587	6238	1032	2691	41	5130	1073	7821		
Karnataka	17	127	10	1504	27	1631	25	158	11	1596	36	1754		
Andamans and Nicobar Islands	...	...	1	171	1	171	...	...	3	236	3	236		
Tripura	...	...	...	...	...	...	...	...	8	...	1	8		
Others	...	...	...	...	...	...	1	16	...	...	1	16		
Grand Total	62867	84887	580	55993	63447	140680	76504	101865	636	62848	76140	154773		

Table 3 (contd.)

NAME OF DISTRICT/ STATE / TERRITORY	1970-71				1975-76				TOTAL			
	HOLDINGS		ESTATES		TOTAL		HOLDINGS			ESTATES		
	No. of Units (14)	Area in Hectares (15)	No of Units (16)	Area in Hectares (17)	No of Units (18)	Area in Hectares (19)	No. of Units (20)	Area in Hectares (21)		No. of Units (22)	Area in Hectares (23)	
1. Trivandrum	3438	5718	30	1414	3468	7132	4644	6677	24	1116	4668	7793
2. Quilon	16329	19224	88	12338	16417	31562	18698	20809	82	12439	18780	33248
3. Alleppey	4152	3524	2	60	4154	3564	4619	3784	2	60	4621	3844
4. Kottayam	50468	40338	104	9874	50572	55912	54687	48163	75	5956	54762	54119
5. Idikki	17655	20299	46	6260	17701	28559	14688	16616	31	5194	10253	15409
6. Ernakulam	1220	3032	30	5847	1250	8879	1448	3590	28	3753	14716	20369
7. Trichur	674	2961	29	1906	703	4867	1594	6179	43	2339	1637	8991
8. Palghat	2661	8989	107	7573	2768	16562	3353	10940	84	5952	3437	16892
9. Malappuram	4130	8402	90	7113	4220	15515	5120	10348	73	6305	5193	16858
10. Kozhikode	7605	13692	59	3428	7664	17120	9077	16059	58	3488	9135	19547
11. Cannanore												
Kerala	108332	131949	585	55813	108917	187762	128050	153380	528	52003	128578	205383
12. Kanyakumari	2398	3908	37	5434	2435	9342	3132	4715	39	6106	3171	10821
13. Madurai	1	10	2	143	3	153	1	10	2	142	3	152
14. Nilgiris	13	86	2	161	15	247	18	92	2	161	20	253
15. Coimbatore	—	—	2	221	2	221	—	—	2	221	2	221
16. Salem	2	23	—	—	2	23	2	23	—	—	2	23
17. Tirunelveli	6	29	—	—	6	29	5	28	—	—	5	28
Tamil Nadu	2420	4056	43	5959	2463	10015	3158	4868	45	6630	3203	11498
Karnataka	172	378	16	4330	188	4708	227	480	20	6105	247	6585
A & N Islands	—	—	4	547	4	547	—	—	4	878	4	878
Andhra Pradesh	—	—	1	24	1	24	2	2	1	30	3	32
Tripura	1	8	—	—	1	8	4	21	—	—	4	21
Others	4	34	—	—	4	34	8	31	—	—	8	31
Grand Total	110929	136425	649	66673	111578	203098	131449	158782	588	65646	132047	224428

Table 3 (Contd.)

NAME OF DISTRICT/ STATE/TERRITORY	1980-81		1985-86	
	HOLDINGS	ESTATES	HOLDINGS	ESTATES
	Area in Hectares (26)	Area in Hectares (27)	Area in Hectares (28)	Area in Hectares (29)
1. Trivandrum	8137	971	9108	964
2. Quilon	26465	12548	39013	24096
3. Pathanamthitta	...	...	19895	6448
4. Alleppey	4222	51	4273	32
5. Kottayam	61366	5046	66412	4846
6. Idikki	13763	4293	18056	3717
7. Ernakulam	22433	5590	26346	3175
-8. Trichur	4392	9762	5582	4911
-9. Palghat	3994	2038	12847	1922
10. Malappuram	14431	4833	19324	3770
11. Kozhikode	13508	5663	16741	4504
12. Wynaad	...	...	4613	169
13. Cannanore	21254	3063	15043	1511
14. Kasargod	...	...	11877	1074
Kerala	199972	47208	247180	46980
15. Kanyakumari	6858	8232	15090	7285
Others	120	303	3423	303
Tamil Nadu	6978	8535	9142	7568
Kernataka	1121	7336	8457	6618
A & N Islands	22	518	840	820
Tripura	896	2587	3473	5940
Assam	113	798	170	1255
Meghalaya	117	830	943	1415
Nagaland	7	...	320	396
Mizoram	...	...	20	720
Manipur	...	...	160	290
Goa	18	472	152	450
Others	33	50	32	92
Grand Total	209163	68894	296726	72622
				369348

Note: 1. Wynad District was formed in Nov. '80, Pathanamthitta District in Nov. '82 and Kasargod District in May '84.

2. Figures include estimates for unregistered areas.

CLASSIFICATION OF HOLDINGS AND ESTATES ACCORDING TO SIZE AT THE END OF EACH YEAR
(AREA IN HECTARES)

Year	HOLDINGS									Total
	2 hectares & below			above 2 hectares & upto & including 4 hectares			Above 4 hectares			
	Units (2)	Area (3)	Units (4)	Area (5)	Units (6)	Area (7)	Units (8)	Area (9)		
1955-56	23364	18289	1948	5699	1475	12300	26787	36288		
1960-61	49636	38340	4660	13981	2878	24054	57174	76375		
1965-66	65477	51433	6175	18251	3852	32181	75004	101865		
1970-71	95414	68470	9922	25853	5593	42102	110929	136425		
1975-76	113757	81358	11386	29778	6306	47066	131449	168782		
1980-81	177750	132650	11424	30140	6289	46373	195463	209163		
1985-86	297500	217150	12824	33738	6295	48838	376619	296726		

ESTATES

Year	40 hectares and below		Above 40 hectares & upto & including 200 hectares		Above 200 hectares & upto & including 400 hectares		Above 400 hectares & upto & including 600 hectares		Above 600 hectares & upto & including 800 hectares		Above 800 hectares		Total		Grand Total	
	Units (10)	Area (11)	Units (12)	Area (13)	Units (14)	Area (15)	Units (16)	Area (17)	Units (18)	Area (19)	Units (20)	Area (21)	Units (22)	Area (23)		Units (24)
1955-56	209	6781	179	15047	33	9578	15	7513	4	2762	6	5898	446	47579	27233	83867
1956-57	271	7590	216	17812	29	8082	18	8768	5	3437	8	7841	547	53530	57721	129905
1956-66	325	9556	248	20476	30	8851	19	9400	4	2696	10	12169	636	62848	76140	164713
1970-71	309	8771	273	21318	29	8219	20	9866	6	4036	12	14363	649	66673	111578	203098
1975-76	289	8235	242	19332	27	7366	17	8100	9	6138	14	16475	598	66846	132047	224248
1980-81	258	7289	228	18659	25	7481	15	8208	10	6885	17	20372	553	68894	136016	278057
1985-86	137	4320	171	14408	24	7305	18	9046	14	9294	20	28249	384	72622	317003	389348

Note : Figures for 1980-81 and 1985-86 include estimate for unregistered area.

Table-5

AREA UNDER HOLDINGS AND ESTATES AT THE END OF EACH YEAR UNDER DIFFERENT PLANTING MATERIALS

(AREA IN HECTARES)

	1953-56 (1)	1960-61 (2)	1965-66 (3)	1970-71 (4)	1975-76 (5)	1980-81 (6)	1985-86 (7)
HOLDINGS							
High Yielding { Budded	1206	5657	10780	18353	28955	44186	NA
Clonal	1475	17086	33149	56733	70608	74122	NA
Total*	2681	22743	43929	75617	101024	166513	262745
Ordinary	33607	53632	57936	60808	57758	42650	33981
TOTAL	36288	76375	101865	136425	158782	209163	296726
ESTATES							
High Yielding { Budded	10017	13818	18783	22571	26813	30901	NA
Clonal	4857	£993	19896	28799	31831	31030	NA
Total*	14874	23811	38679	54672	63435	68110	72072
Ordinary	32705	29719	24169	12001	2211	784	550
TOTAL	47579	53530	62848	66673	65646	68894	72622
High Yielding { Budded	11223	19475	29563	40924	57768	75087	NA
Clonal	6332	27079	53045	85532	102439	105152	NA
Total*	17555	46554	82608	130269	164459	234623	334817
Ordinary	66312	83351	82105	72809	59969	43434	34531
GRAND TOTAL	83867	129505	164713	203098	224428	278057	369348

* Includes unclassified area also, hence may not tally with the total of the previous two rows in all cases
 NA : Not available

Table 6

TAPPABLE AREA, PRODUCTION AND AVERAGE YIELD PER HECTARE IN DIFFERENT STATES

(Tappable area in hectares; production in metric tonnes and yield per hectare in kg)

YEAR	KERALA			TAMILNADU			KARNATAKA			ADAMANS&OTHERS				TOTAL	
	Tap- pable Area (2)	Pro- duction (3)	Yield per Hectare (4)	Tap- pable Area (5)	Pro- duction (6)	Yield per Hectare (7)	Tap- pable Area (8)	Pro- duction (9)	Yield per Hectare (10)	Tap- pable Area (11)	Pro- duction (12)	Yield per Hectare (13)	Tap- pable Area (14)	Pro- duction (15)	Yield per Hectare (16)
1953-54	61570	19789	321	2921	1380	472	1452	412	284	134	37	276	66100	21588	326
1954-55	62160	19889	320	3029	1454	480	1444	396	274	134	35	281	66800	21774	326
1955-56	62399	21680	347	3204	1606	501	1444	406	281	134	38	284	67200	23730	353
1956-57	67394	21853	324	3259	1806	554	1449	365	252	134	36	269	72200	24060	333
1957-58	66198	22196	335	3265	1890	578	1449	425	293	110	23	209	71000	24534	345
1958-59	65415	22062	337	3222	1665	517	1506	425	282	110	17	154	70300	24169	344
1959-60	65007	21890	336	3185	1814	570	1506	437	290	110	32	291	69800	24173	346
1960-61	65355	23175	354	3305	2040	617	1483	452	305	110	30	272	70300	25697	365
1961-62	69269	24954	360	3421	2060	602	1501	402	268	110	30	272	74300	27446	370
1962-63	78516	29057	370	3901	2695	691	1527	447	293	110	40	363	84000	32239	384
1963-64	89529	32792	377	4319	3176	735	1487	468	315	171	51	298	95500	37487	393
1964-65	102125	41391	405	4678	3724	796	1407	481	342	171	20	—	108500	45616	420
1965-66	106623	46953	440	4721	43195	677	1365	382	280	—	—	—	112700	50530	448
1966-67	107298	50495	471	4812	3927	815	1390	396	285	—	—	—	113500	54818	483
1967-68	111400	59978	538	4908	4048	825	1395	434	310	24	8	—	117700	64468	548

Table-6 (Contd.)

TAPPABLE AREA, PRODUCTION AND AVERAGE YIELD PER HECTARE IN DIFFERENT STATES

(Tappable area in hectares, production in metric tonnes and yield per hectare in kg.)

YEAR	KERALA			TAMIL NADU			KARNATAKA			ANDAMANS & OTHERS			TOTAL		
	Tap- pable Area (2)	Pro- duction (3)	Yield per Hectare (4)	Tap- pable Area (5)	Pro- duction (6)	Yield per Hectare (7)	Tap- pable Area (8)	Pro- duction (9)	Yield per Hectare (10)	Tap- pable Area (11)	Pro- duction (12)	Yield per Hectare (13)	Tap- pable Area (14)	Pro- duction (15)	Yield per Hectare (16)
1968-69	116935	66473	568	4958	4100	827	1365	470	344	24	11	—	123285	71054	576
1969-70	126358	76897	609	5339	4526	848	1386	516	372	24	14	—	133107	81953	616
1970-71	134103	86773	647	5673	4859	857	1374	519	378	26	20	—	141176	92171	663
1971-72	142000	95499	673	5943	5140	865	1336	550	412	28	21	—	149307	101210	678
1972-73	146957	105934	721	6490	5739	884	1465	659	450	50	32	—	154962	112364	725
1973-74	156384	117211	750	7460	7036	943	1710	856	501	50	40	—	165604	125153	756
1974-75	160956	121568	755	7982	7523	942	1861	1012	544	80	50	—	170879	130143	762
1975-76	167742	128769	768	8257	7631	924	2392	1282	536	89	68	—	178480	137750	772
1976-77	173737	139349	802	8952	8535	953	2715	1667	614	190	81	—	185594	149632	806
1977-78	177890	135907	764	8990	9015	1003	3910	1959	501	216	106	—	191006	146987	770
1978-79	177085	123677	698	8952	9367	1046	3893	2100	539	400	153	—	190330	135297	711
1979-80	178980	136609	764	9195	9108	990	4012	2537	632	457	216	—	192554	148470	771
1980-81	179980	140320	780	9700	10446	1077	4004	2128	531	561	206	—	194245	153100	788
1981-82	181180	139435	770	9912	10510	1060	4344	2506	600	775	319	—	196211	152870	779
1982-83	184340	152662	828	10035	9700	967	4360	3070	704	977	418	428	199712	165850	830
1983-84	187720	162212	864	10600	9736	917	5200	2785	538	1000	547	547	204520	175280	857
1984-85	193290	172092	890	10700	10603	991	5365	3095	577	1164	660	567	210519	186450	886
1985-86(P)	205780	184563	897	10560	11025	1044	5610	4090	729	1397	787	563	223347	200465	898
1986-87(P)	218750	202129	924	10970	11755	1071	5935	4855	818	1409	781	554	237064	219520	926

P: Provisional

Table - 7

MONTHWISE PRODUCTION OF NATURAL RUBBER

(Metric Tonnes)

MONTHS	1972-73 (1)	1973-74 (2)	1974-75 (3)	1975-76 (4)	1976-77 (5)	1977-78 (6)	1978-79 (7)	1979-80 (8)	1980-81 (9)	1981-82 (10)	1982-83 (11)	1983-84 (12)	1984-85 (13)	1985-86 (14)	1986-87 (15)
April	7556	8507	9418	10102	10872	11074	8366	9740	11610	12070	12450	5820	13920	12450	14880
May	8497	9483	9970	11575	12017	12523	11130	13733	15350	15360	16250	15530	17550	17650	19850
June	8608	9652	11102	11158	12455	12980	7615	9982	7750	7355	9720	14980	8250	9555	13560
July	7106	8418	8710	9844	10789	10266	7150	8915	7580	8040	9030	10940	8780	9745	13725
August	8383	8531	4202	9084	11552	12526	6130	9710	8650	9730	11570	11060	13165	14920	16020
September	9366	11577	11807	11525	12277	12314	15626	12685	16950	9860	15250	13410	17885	19710	20780
October	11028	12185	13937	11546	13323	11105	17070	17780	17830	17980	19320	21550	20130	22450	24535
November	12421	13613	15168	14861	15042	16683	13500	14365	18300	19200	19455	21460	22525	24760	25645
December	14091	15958	16808	17303	18679	19512	18400	19980	19770	21760	21360	21830	22980	25910	26775
January	12514	13568	13882	14983	16069	16182	16740	17440	15800	17940	17900	19230	20335	21615	22265
February	4918	5510	6099	6413	6731	6442	6580	6280	5855	5750	5730	9350	9630	9650	9735
March	7876	8151	9040	9356	9826	5380	6990	7880	7645	7925	7815	10120	11280	12050	11850
Total	112364	125153	130143	137750	149632	145987	135297	148470	153100	152870	165850	175280	186450	200465	219520

Source: (Contd.)

Table-8

GRADEWISE PRODUCTION OF NATURAL RUBBER

(Tonnes)

Grade (1)	1980-81 (2)	1981-82 (3)	1982-83 (4)	1983-84 (5)	1984-85 (6)	1985-86 (7)	1986-87 (8)
RMA Sheets	104,890	101,700	112,340	121,565	130,090	135,430	149,140
Latex Concentrates (DRC)	13,200	16,120	16,020	16,930	18,420	22,665	25,245
Solid Block Rubber	2,416	1,853	2,240	2,919	4,981	7,385	8,500
pale Latex Crepes	1,720	1,350	1,900	2,180	2,405	2,410	2,950
Others	30,874	31,847	33,350	31,686	30,554	32,575	33,685
TOTAL	153,100	152,870	165,850	175,280	186,450	200,465	219,520

Table-9

PRODUCTION OF HOLDINGS AND ESTATES

(Metric Tonnes)

Year (1)	Holdings (2)	Estates (3)	Total (4)
1950-51	3387	12443	15830
1955-56	6450	17280	23730
1960-61	6528	19169	25697
1965-66	20424	30106	50530
1966-67	24165	30653	54818
1967-68	30215	34253	64468
1968-69	36312	34742	71054
1969-70	43785	38168	81953
1970-71	51538	40633	92171
1971-72	57630	43580	101210
1972-73	66247	46117	112364
1973-74	75331	49822	125153
1974-75	79260	50883	130143
1975-76	84616	53134	137750
1976-77	93848	55784	149632
1977-78	94135	52852	146987
1978-79	88767	46530	135297
1979-80	103210	45260	148470
1980-81	107700	45400	153100
1981-82	109160	43710	152870
1982-83	117789	48061	165850
1983-84	125912	49368	175280
1984-85	136335	50115	186450
1985-86	149673	50792	200465
1986-87	168195	51325	219520

Note: Figures from 1984-85 are provisional.

Table-10

DISTRICTWISE PRODUCTION OF NATURAL RUBBER

(Metric Tonnes)

DISTRICT/STATE (1)	1965-66 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)	1973-74 (6)	1974-75 (7)	1975-76 (8)	1976-77 (9)	1977-78 (10)
Trivandrum	1293	3581	4136	4587	5081	5042	5223	5353	5428
Quilon	9274	16141	18058	20183	22827	22660	24185	26032	25107
Alleppey	445	1713	1770	1919	2163	2179	2409	2468	2442
Kottayam	15226	26907	24155	27491	31190	32277	34021	35340	34103
Idikki	...	...	7485	8188	9348	9701	10187	10842	10804
Ernakulam	5193	11907	9349	10417	11192	11507	12292	13443	13291
Trichur	3935	5700	5919	6312	6848	6823	7190	7853	7602
Palghat	1923	1466	2048	2432	2848	3450	3816	4453	4454
Malappuram	...	6451	7786	8485	8612	8932	9132	10696	10640
Kozhikode	7850	7656	7991	8126	8515	9392	10076	11126	10625
Cannanore	1814	5251	6802	7794	8587	9595	10238	11743	11411
Kerala State Total	46953	86773	95499	105934	117211	121558	128769	139349	135907
Outside Kerala	3577	5398	5711	6430	7942	8585	8981	10283	11080
Grand Total	50530	92171	101210	112364	125153	130143	137750	149632	146987

Note: - Malappuram District was formed in June 1969 from Palghat and Kozhikode Districts.
Idikki District was formed in January 1972 from Kottayam and Ernakulam Districts.

Table-10 (Contd.)

DISTRICTWISE PRODUCTION OF NATURAL RUBBER

(Metric Tonnes)

DISTRICT/STATE (1)	1978-79 (2)	1979-80 (3)	1980-81 (4)	1981-82 (5)	1982-83 (6)	1983-84 (7)	1984-85 (8)	1985-86 (9)	1986-87 (10)
Trivandrum	5060	5681	5933	5906	6319	6922	7795	8475	9266
Quilon	24060	24641	25561	25984	26812	29413	19360	19807	21418
Pathanamthitta	...	...	...	...	...	...	14473	15051	17146
Alleppey	1730	2687	2771	2767	2917	3108	2323	2722	2948
Kottayam	32187	35373	36132	36822	41281	43299	46184	50134	54583
Idikki	10140	10764	11140	11487	12943	13121	13751	14711	15913
Ernakulam	11421	13551	13929	13934	15639	16498	17817	19419	21816
Trichur	6408	6978	6739	6083	6283	6437	5690	6412	6580
Palghat	4263	4386	4516	4380	5435	6463	6622	7150	8143
Malappuram	9785	10351	10571	9931	10522	10937	10920	11419	12611
Kozhikode	9323	10319	10730	10591	10683	11223	11637	12212	13076
Wynad	...	...	...	...	1279	1434	1561	1635	1777
Cannanore	9300	11878	12298	11550	12549	13357	13959	15416	9682
Kasargod	...	...	...	...	...	...	...	...	7170
Kerala State Total	123677	136609	140320	139435	152662	162212	172092	184563	202129
Out side Kerala	111620	11861	12780	13435	13188	13068	14358	15902	17391
Grand Total	135297	148470	153100	152870	165850	175280	186450	200465	219520

Note : Wynad District was formed in November 1980 from Kozhikode and Cannanore Districts.
 Pathanamthitta District was formed in November 1982 from Quilon and Alleppey Districts.
 Kasargod District was formed in May '84 from Cannanore District.
 Figures from 1984-85 are provisional.

Table - 11

MONTHWISE IMPORT OF NATURAL RUBBER

(Metric Tonnes)

MONTH (1)	1978-79 (2)	1979-80 (3)	1980-81 (4)	1981-82 (5)	1982-83 (6)	1983-84 (7)	1984-85 (8)	1985-86 (9)	1986-87 (10)
April	—	11100	300	3650	1659	871	5195	3661	3509
May	—	2225	—	5650	589	177	3824	3213	13766
June	—	250	100	4950	3911	2143	2166	5788	10594
July	—	2581	—	4100	9660	3766	1987	5192	12602
August	—	4100	—	—	6405	17205	3568	4056	1724
September	3000	5875	—	9800	10021	742	9123	128	27
October	9275	2269	—	—	342	23	29	37	649
November	—	1900	—	—	193	72	491	920	78
December	2475	1900	600	—	265	39	729	1298	212
January	—	—	—	400	35	9874	300	7989	191
February	—	—	5600	3800	52	30	6017	4422	1432
March	—	—	2650	7700	269	998	4032	4727	572
Total	14750	32200	9250	42750*	33401	35940	37461	41431	45356

*Including breakup not available.

Table 12

GRADEWISE IMPORT OF NATURAL RUBBER

(Metric Tonnes)

(1)	1978-79 (2)	1979-80 (3)	1980-81 (4)	1981-82 (5)	1982-83 (6)	1983-84 (7)	1984-85 (8)	1985-86 (9)	1986-87 (10)
RSS-1	3000	7600	500	1007	310	—	—	291	225
RSS-2	—	—	—	—	—	—	—	—	36
RSS-3	4850	6850	4700	22323	19501	20693	27481	30026	32778
RSS-4	1800	3650	800	7390	199	—	—	—	131
Latex	—	400	200	650	476	142	52	44	19
Block Rubber	5100	13600	3050	9906	12880	15013	9896	10879	12011
Pale latex crepe	—	—	—	4	35	92	32	191	156
Total	14750	32200	9250	42750*	33401	35940	37461	41431	45356

*including breakup not available.

Table-13

MONTHWISE CONSUMPTION OF NATURAL RUBBER

(Metric Tonnes)

MONTHS	1972-73 (1)	1973-74 (2)	1974-75 (3)	1975-76 (4)	1976-77 (5)	1977-78 (6)	1978-79 (7)	1979-80 (8)	1980-81 (9)	1981-82 (10)	1982-83 (11)	1983-84 (12)	1984-85 (13)	1985-86 (14)	1986-87 (15)	1987-88 (16)
April	7880	9276	10559	10124	10538	11709	12726	13730	12850	14670	15320	16755	17090	18380	20645	
May	7336	9228	10040	10029	10358	12062	12533	13850	13080	13975	15760	16750	17200	18290	21730	
June	8381	10173	11780	10329	11375	12737	12860	13200	14030	15335	16130	16050	18415	18535	20960	
July	8908	10736	11548	12120	11841	12851	14290	12985	14815	14730	17050	17280	18245	19690	20870	
August	9017	11608	10776	11683	11571	11874	13420	13750	14790	14650	16550	17200	17940	18615	21170	
September	9249	11787	10284	9672	11237	11668	12635	13050	14950	15200	15600	17525	18060	19470	20865	
October	7764	9943	10015	8227	10644	10790	12150	12800	14050	15115	15860	17240	16820	19720	19675	
November	8068	10759	10677	10611	12281	11182	14960	14950	15500	16490	16750	17950	16650	20420	21095	
December	9038	11401	12468	11386	12638	12750	15450	15660	15465	17600	17410	19530	18920	21250	23615	
January	9063	11568	11311	10425	12284	12201	14850	14040	14690	17595	16390	17550	19365	21410	22695	
February	9415	11761	11636	9951	11339	12282	14550	13790	14330	16340	16215	17600	19550	20265	21725	
March	9809	12062	11510	10635	11517	12861	14300	13440	15080	16670	16510	18050	19255	21110	22270	
Total	104028	130302	132604	125692	137623	144967	164524	165245	173630	188420	195545	209480	217510	227440	257305	

Table - 14

GRADEWISE CONSUMPTION OF NATURAL RUBBER

(Metric Tonnes)

GRADE	1972-73 (1)	1973-74 (2)	1974-75 (3)	1975-76 (4)	1976-77 (5)	1977-78 (6)	1978-79 (7)	1979-80 (8)	1980-81 (9)	1981-82 (10)	1982-83 (11)	1983-84 (12)	1984-85 (13)	1985-86 (14)	1986-87 (15)
RMA Grades	70462	95131	98308	91031	96947	102312	113100	111910	118425	128530	131935	139765	151190	168485	177605
Estate Brown Crepes	18886	20835	20386	23102	25840	27174	31120	27058	30543	31805	25740	32500	28637	29625	28268
Latex (drc)	6829	7846	7453	6352	8497	9033	10960	11690	13820	14930	16850	16980	19340	21445	24875
Pale Latex Crepe & Sole Crepe	1997	2059	1757	1441	1737	1747	1450	2040	1845	1535	2210	2590	3055	2830	3192
Block rubber	...	...	360	1348	3453	3111	6540	11270	7670	10120	16840	16540	14170	17105	22145
Others	5854	4431	4340	2418	1149	1590	1354	1277	1327	1500	1970	1105	1118	970	1220
TOTAL	104028	130302	132604	125692	137623	144967	164524	165245	173630	188420	195645	209480	217510	227440	257305

Table - 15

STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH
(Metric Tonnes)

MONTHS (1)	1979-80			1980-81				
	G & D (2)	M (3)	STC (4)	T (5)	G & D (6)	M (7)	STC (8)	T (9)
April	15570	12470	8572	36610	17490	16365	10117	43970
May	15117	18360	5243	38720	19910	17330	9004	46240
June	15050	18235	4467	35750	16310	16405	7340	40055
July	10960	17040	6300	34300	12530	13345	6945	32820
August	12430	14970	6960	34360	10370	11900	4439	26700
September	13800	15600	10470	39870	14090	12250	2373	28700
October	17360	18570	11193	47120	18270	12940	1278	32500
November	19380	18860	10245	48485	20630	13850	822	35300
December	26530	16475	11608	54610	23935	15055	1115	40100
January	28310	18500	11192	58000	24333	16820	62	41215
February	22410	17200	10860	50470	17810	20350	184	38340
March	15720	18210	10980	44910	13660	17980	2065	33700

Note : G - Growers, D - Dealers, M - Manufacturers, T - Total (Rounded)

Stock with manufacturers includes stock in transit as well as imported rubber

Table-15 (Contd.)

MONTHS (10)	1981-82			1982-83				
	G & D (11)	M (12)	STC (13)	T (14)	G & D (15)	M (16)	STC (17)	T (18)
April	14910	16880	2962	34750	16735	20860	845	38440
May	18080	20010	3694	41780	20410	18550	370	39330
June	16560	20350	1787	38700	17600	18450	670	36720
July	16110	19015	984	36110	15650	18350	4250	38250
August	14535	16220	422	31180	16710	19780	3184	39670
September	16635	13185	5820	35640	24820	20040	5127	50050
October	21760	15140	2010	38910	30570	18960	4279	53800
November	25380	15475	860	41720	33050	19310	4279	56640
December	27230	18210	479	45920	36400	20200	4004	60600
January	26150	20030	578	46750	37485	20630	3993	62100
February	17300	20570	2614	40480	26570	21100	3993	51660
March	14200	23500	2005	39700	22075	19380	1950	43400

Table. 15 (Contd.)

MONTHS (19)	1983-84		1984-85					
	G & D (20)	M (21)	STC (22)	T (23)	G & D (24)	M (25)	STC (26)	T (27)
April	14830	17070	610	32500	24810	15100	7270	47180
May	13565	17570	145	31280	26870	15905	8510	51285
June	13870	17725	704	32300	20860	18420	3953	43230
July	13537	15025	223	28785	16415	15345	3892	35650
August	15320	15350	9920	40590	18735	14380	1261	34380
September	17810	18450	588	36850	23280	17650	2375	43300
October	23670	17410	102	41180	27245	16990	2375	46610
November	27110	17630	15	44750	32885	17525	2375	52785
December	28490	18850	15	47360	37160	18420	2375	57950
January	31520	17520	9850	58890	38380	18280	2542	59200
February	28860	17545	5436	51840	31840	16530	6942	55310
March	21015	18310	5828	45150	28200	16280	7070	51550

Table - 15 (Contd.)

MONTHS (28)	1985-86			1986-87				
	G & D (29)	M (30)	STC (31)	T (32)	G&D (33)	M (34)	STC (35)	T (36)
April	28430	17565	3217	49210	31530	20870	330	52730
May	28760	19330	3705	51795	35470	22660	6468	64600
June	23855	16123	8621	48600	36950	23340	7472	67760
July	21535	17850	4456	43840	36405	21935	14838	73180
August	22495	16845	4863	44200	39975	20735	8990	69700
September	28745	15555	229	44570	42340	22175	5204	69720
October	30645	16330	229	47200	47470	21935	5815	75220
November	34450	16980	1029	52460	52290	20250	7166	79700
December	37025	19110	2029	58160	51180	22185	9648	83010
January	36600	22420	7329	66330	49105	21795	11910	82810
February	31800	22750	5543	68180	38785	21650	11773	72200
March	28680	23960	2717	55360	31740	19340	11626	62700

Table - 16

MONTHWISE PRODUCTION OF SYNTHETIC RUBBER

(Metric Tonnes)

MONTHS	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
April	3031	3170	1139	2031	936	1803	2393	3096	1621	3164	3010	2029	3938	2046	2402
May	2694	3065	1	2306	1057	2390	2346	2989	2522	3492	2491	1206	3044	2312	3354
June	2169	675	1203	2388	2433	2231	1200	2335	2861	2577	3583	1857	3609	4222	3309
July	2372	748	1679	1131	1820	1750	1626	3620	1872	1194	3277	2037	3891	2934	2993
August	1342	1349	1822	900	1280	2243	2960	2388	2297	1670	1491	3338	3968	3578	1932
September	2709	2647	2687	1897	2304	2174	2791	2360	3925	2138	1441	2736	2960	3520	3586
October	1941	3210	1190	2674	2449	2492	2846	3308	1081	2831	852	2832	2544	2332	3040
November	1392	1630	875	1878	1166	2361	2231	3186	995	1613	2472	2457	2648	3447	3357
December	1194	1530	1808	2625	2571	2753	3045	2224	1290	3156	3383	4282	1511	2751	3256
January	134	572	2155	2446	1964	2499	964	1474	1390	1468	3264	3327	3541	2034	3779
February	1447	3182	2409	2815	2295	1755	3191	1265	2091	1761	2923	2705	3717	3445	3824
March	1407	1764	567	1988	2651	2402	2461	1279	3343	3435	2103	3461	2304	2137	3974
Total	21832	23542	17712*	25119*	23212*	27288*	28054	29524	26293	28499	30290	32270	37669	34758	38816

* Including Production of latex.

Table-17

GRADEWISE PRODUCTION OF SYNTHETIC RUBBER

(Metric Tonnet)

GRADE (1)	1978-79 (2)	1979-80 (3)	1980-81 (4)	1981-82 (5)	1982-83 (6)	1983-84 (7)	1984-85 (8)	1985-86 (9)	1986-87 (10)
SBR-1502	7922	5625	5722	4317	4731	6214	5548	5483	5124
SBR-1712	7865	7110	5823	6274	2667	4669	5611	5223	6280
SBR-1958	6372	7359	6825	5756	5962	8848	9471	9008	10361
Latex (dre)	302	275	272	214	201	216	196	175	308
Nitrile	198	908	203	522	576	719	386	137	421
Polybutadiene	5395	8347	6448	11416	16045	11470	16457	14732	15411
Others	—	—	—	—	108	134	—	—	911
Total	28054	29524	25293	28499	30290	32270	37669	34758	38816

Source : Indian Petrochemicals Corporation Ltd.

Table-18

GRADEWISE CONSUMPTION OF SYNTHETIC RUBBER

GRADE (1)	1972-73 (2)	1973-74 (3)	1974-75 (4)	1975-76 (5)	1976-77 (6)	1977-78 (7)	1978-79 (8)	1979-80 (9)	1980-81 (10)	1981-82 (11)	1982-83 (12)	1983-84 (13)	1984-85 (14)	1985-86 (15)	1986-87 (16)
Styrene Butadiene Rubber	27561	17476	18437	26033	25974	25765	24725	22778	25125	24305	24365	26290	28290	31585	31925
Butyl	3683	3901	3490	3641	4383	4838	5715	6506	8410	8560	8843	10935	11136	11190	11243
Polychloroprene	422	414	325	379	436	436	564	690	950	915	970	1210	1249	1360	1375
Nitrile	586	597	536	484	577	680	748	1170	1105	1610	1647	1655	1750	1820	1866
Polybutadiene	191	98	203	599	1159	1794	5258	8515	7150	12470	14510	16920	17360	18520	19735
Latex	1048	1262	1025	1017	1113	1308	1686	1754	2035	2153	2282	2310	2520	2395	2516
Others*	422	173	360	299	1313	1329	1774	1825	2275	2617	2633	2960	3095	3165	3125
Total	33913	23921	24376	32452	34955	36150	40470	42338	47050	52650	55250	62300	65400	70035	71785

*Include unclassified rubber also. P. Provisional.

Table-19

STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

MONTHS (1)	1976-77 (2)	1977-78 (3)	1978-79 (4)	1979-80 (5)	1980-81 (6)	1981-82 (7)	1982-83 (8)	1983-84 (9)	1984-85 (10)	1985-86 (11)	1986-87 (12)
April	11475	8475	10449	12560	14100	12300	16220	15300	9590	11000	14920
May	10324	8472	10210	13630	13800	15550	16230	13950	9770	10740	16345
June	10643	9059	8833	14390	13880	15830	17820	13090	11350	12400	17305
July	10398	8242	7700	15290	12890	14350	18120	11765	11115	13100	18100
August	9280	8241	7432	15190	11960	14500	16900	12140	11650	13850	17500
September	9489	9438	6830	14940	12600	15215	15500	11115	11280	14155	17050
October	9535	8899	8743	16560	11530	15780	14065	10805	11425	15990	16800
November	8375	9091	8700	17635	10470	15670	14940	9815	12260	15850	17300
December	8298	9772	9400	17410	10005	16440	15985	10300	11285	15450	16330
January	8269	10302	8410	16750	9800	16070	16860	10380	12070	14580	16165
February	8146	10489	9650	16400	9830	15390	16350	9340	11870	15200	16440
March	9090	10443	10700	15200	10900	16200	15700	8980	11650	14470	15100

Table-20

PRODUCTION, IMPORT, CONSUMPTION AND EXPORT OF RECLAIMED RUBBER

(Metric Tonnes)

YEAR (1)	PRODUCTION (2)	IMPORT (3)	CONSUMPTION (4)	EXPORT (5)
1960-61	2000*	3024	5453	—
1961-62	2500*	3847	6046	—
1962-63	3000*	3858	6850	—
1963-64	4500*	3777	7982	—
1964-65	7500*	2078	9369	—
1965-66	9500	179	9774	—
1966-67	11500	126	10913	—
1967-68	12000	19	11862	10
1968-69	13500	—	14169	50
1969-70	14652	—	14255	183
1970-71	15507	—	14348	259
1971-72	16710	—	15772	692
1972-73	17186	—	14666	1076
1973-74	18644	—	17784	1268
1974-75	19360	—	18096	1050
1975-76	19581	—	19342	141
1976-77	20256	—	20957	973
1977-78	21817	—	21681	1282
1978-79	27618	—	26330	1045
1979-80	26786	—	25660	953
1980-81	29336	—	26850	1127
1981-82	28787	—	28160	896
1982-83	28242	—	29190	520 (p)
1983-84	32964	—	30690	524 (p)
1984-85	34155	—	34625	446 (p)
1985-86	39195 (p)	—	38215	201 (p)
1986-87	38995 (p)	—	38635	188 (p)

* Approximately

P. Provisional

Source: For import and export data "Monthly statistics of Foreign Trade of India". Published by the Govt. of India and Chemicals and Allied Products Export Promotion Council.

Table-21

PRODUCTION, IMPORT, EXPORT AND CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

YEAR (1)	PRODUCTION (Metric Tonnes)			IMPORT		Total (7)	EXPORT		CONSUMPTION		
	Natural (2)	Synthetic (3)	Total (4)	Natural (5)	Synthetic (6)		Natural (8)	Synthetic (9)	Natural (10)	Synthetic (11)	
1955-56	23730	—	23730	4428	1201	5629	12	28445	—	461	28906
1956-57	24060	—	24060	7341	3134	10475	81	29998	—	2866	32864
1957-58	24534	—	24534	11357	3014	14371	—	35074	—	351	38585
1958-59	24169	—	24169	12538	4229	16767	—	35767	—	3477	39244
1959-60	24173	—	24173	15287	5718	21005	—	40491	—	4964	45455
1960-61	25697	—	25697	23125	8097	31222	—	48148	—	7397	55545
1961-62	27446	—	27446	22528	10121	32649	—	48410	—	10186	58596
1962-63	32239	—	32239	23360	10297	33657	—	53553	—	10723	64276
1963-64	37487	8075	45562	26275	8812	35087	—	61155	—	11959	73114
1964-65	45616	11633	57249	15003	3315	18318	—	61057	—	15285	76342
1965-66	50530	14741	65271	16357	2735	19092	—	63765	—	21553	85318
1966-67	54818	22358	77176	23544	5606	29150	—	68685	—	23592	92277
1967-68	64468	19942	84410	9551	1267	10718	—	74518	—	23324	97842
1968-69	71054	28688	99742	8548	2909	11457	—	86615	—	27238	113853
1969-70	81953	28689	110642	17821	4736	22557	—	86213	—	30636	116849
1970-71	92171	29791	121962	2469	5014	7483	—	87237	—	33160	120397
1971-72	101210	32911	134121	437	5627	6064	—	96454	—	37209	133663
1972-73	112364	21832	134196	380	6044	6424	—	104028	—	33913	137941
1973-74	125153	23542	148695	52	5609	5661	2700	130302	23921	154223	154223
1974-75	130143	17712	147855	—	6939	6939	350	132604	24376	156980	156980
1975-76	137750	25119	162869	—	6391	6391	—	125692	32452	158144	158144
1976-77	149632	23212	172844	—	7812	7812	12296	137623	34955	172578	172578
1977-78	145987	27288	173275	—	9935	9935	11078	144967	36150	181117	181117
1978-79	135297	28054	163351	14750	13309	28059	—	164524	40470	204994	204994
1979-80	148470	29524	177994	32200	17314	49514	—	165245	43238	208483	208483
1980-81	153100	25293	178393	9250	17492	26742	—	173630	47050	220680	220680
1981-82	152870	28499	181369	42750	28659	72409	—	188420	52650	241070	241070
1982-83	165850	30290	196140	33401	24394	57795	—	195545	55250	250795	250795
1983-84	175280	32270	207550	35940	23287	59227	—	209460	62300	271780	271780
1984-85	186450	37669	224119	37461	30248	67709	—	217510	65400	282910	282910
1985-86	200465	34758	235223	41431	30821	72252	—	234463	70035P	302755P	302755P
1986-87	219520	38816	258336	45356	28136	73492	—	257305	71785P	329590P	329590P

Note: Exported 660 tonnes of Synthetic rubber in 1974-75 + Incomplete P: Provisional

Table - 22

TOTAL STOCK OF NATURAL AND SYNTHETIC RUBBER WITH PRODUCERS, DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH

(Metric Tonnes)

MONTHS	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	1982-83	1983-84	1984-85	1985-86	1986-87
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
April	85568	60450	50116	49170	58070	47050	54660	47800	56770	60210	67650
May	55426	60408	48462	52350	60040	57330	55560	45230	61055	82535	80945
June	65565	59698	42038	50140	53935	54530	54540	45390	54580	61000	85085
July	62218	56041	33756	49590	45710	50650	56370	40550	46765	56940	91280
August	60581	56692	26198	49550	38660	45700	56570	52730	46030	58080	87200
September	61505	57410	28587	54810	41300	50855	65650	47965	54580	58735	86770
October	64530	56734	38911	63680	44030	54680	67865	51985	58035	83190	92020
November	64256	61434	46200	66120	45770	57370	71580	55050	65045	68310	97000
December	68040	67136	52340	72010	50105	62340	76585	57660	69235	73610	99340
January	70821	70398	53240	74750	51015	62820	78960	69270	71270	80910	98975
February	65660	62932	46510	66870	48170	55870	68010	61480	67180	77390	88640
March	62175	54470	40200	60110	44600	55900	59100	54130	63200	69830	77800

Table 23

PRODUCTION, IMPORT, CONSUMPTION AND STOCKS OF NATURAL RUBBER AND SYNTHETIC RUBBER
(Metric Tonnes)

SYNTHETIC RUBBER														
YEAR	Production (1)	Import (3)	Total (4)	Consump- tion (5)	Excess (+) or Stock deficiency (-) compared with consumption (6)	Production (7)	Import (8)	Total (9)	Consump- tion (10)	Excess (+) or Stock deficiency (-) compared with consumption (11)	(12)	(13)		
1965-66	50530	16367	66897	63765	+	3122	16573	14741	17476	21553	-	4077	4875	
1966-67	54618	23644	78362	68695	"	9677	25978	5606	27964	23592	+	4372	8819	
1967-68	64468	9551	74019	74518	"	499	25348	19942	3127	23069	23324	-	255	8368
1968-69	71054	8648	79602	86615	-	7013	18222	25868	2909	28777	27238	+	1539	9751
1969-70	81953	17821	99774	86213	+	13561	31778	28689	4736	33425	30636	"	2789	12548
1970-71	92171	2469	94640	87237	"	7403	39109	29791	5014	34805	33160	"	1645	13994
1971-72	101210	437	101647	96454	"	5193	44277	32911	5627	38538	37209	"	1329	15323
1972-73	112364	380	112744	104028	"	8716	52957	21832	6044	27876	33913	"	6037	9286
1973-74	125153	52	125205	130302	"	5097	45160	23542	5609	29151	23921	+	5230	14500
1974-75	130143	-	130143	132604	"	2461	42349	17712	6939	24851	24376	"	275	13878
1975-76	137750	-	137750	125692	+	12058	53759	25119	6391	31510	32452	"	942	12445
1976-77	149632	-	149632	137623	"	12009	53085	23212	7812	31024	34955	"	3931	9090
1977-78	146987	-	146987	144967	"	2020	44027	27288	9935	37223	36150	+	1073	10443
1978-79	135297	14750	150047	164524	-	14477	29515	28054	13309	41363	40470	"	893	10700
1979-80	148470	32200	180670	165245	+	15425	44910	29524	17314	46838	43238	"	3600	15200
1980-81	153100	9250	162350	173630	-	11280	33700	25293	17492	42785	47050	-	4265	10900
1981-82	152870	42750	195620	188420	+	7200	39700	28499	29659	58158	52650	+	5508	16200
1982-83	165850	33401	199251	195545	"	3706	43400	30290	24394	54684	55250	-	566	15700
1983-84	175280	35940	211220	209480	"	1740	45150	32270	23287	55557	62300	-	6743	8980
1984-85	186450	37461	223911	217510	"	8401	51360	37669	30248	67917	65400	+	2517	11650
1985-86	200455	41431	241896	237240	"	14646	55360	34758	30821	65579	70035	-	4456	14470
1986-87	219520	45356	264876	257305	"	7571	62700	38616	28136	68952	71785	-	4833	15100

* Exported 2700 tonnes in 1973-74, 350 tonnes in 1974-75, 12296 tonnes in 1976-77 and 11078 tonnes in 1977-78.

Table-24

STATEWISE CONSUMPTION OF ALL KINDS OF RUBBER

(Metric Tonnes)

STATE/TERRITORY	1965-66			1970-71				
	Natural (2)	Synthetic (3)	Reclaimed (4)	Total (5)	Natural (6)	Synthetic (7)	Reclaimed (8)	Total (9)
West Bengal	27091	10234	6290	43615	30888	11634	7015	49637
Maharashtra	16018	5886	1809	23713	19696	9897	3231	32824
Tamil Nadu	9899	2768	1188	13845	17548	5966	2628	26142
Punjab	...	...	...	...	2277	206	269	2752
Haryana	4555	1901	95	6651	4475	2439	193	7107
Kerala	3353	517	293	4163	6739	1798	380	8917
Delhi	1076	66	25	1167	1956	199	96	2251
Gujarat	882	70	5	957	1192	161	45	1398
Uttar Pradesh	444	32	17	493	1160	153	59	1372
Karnataka	242	72	52	366	631	609	358	1598
Others	215	7	...	222	575	98	74	747
Total	63765	21553	9774	95092	87237	33160	14348	134745

Table - 24 (Contd.)

STATE/TERRITORY (I)	1975-76				1980-81			
	Neutral (II)	Synthetic (2)	Reclaimed (3)	Total (4)	Neutral (5)	Synthetic (6)	Reclaimed (7)	Total (8)
West Bengal	27300	9090	7482	43872	27414	7771	7571	42756
Maharashtra	28400	10668	4612	43680	33119	11678	5748	50545
Tamil Nadu	20900	4140	3526	28566	17050	4961	2472	24483
Punjab	5743	227	206	6176	13232	1565	2463	17260
Haryana	11110	3109	698	14917	14974	4421	1548	20943
Kerala	9268	1062	1069	11399	19283	4673	2293	26249
Delhi	4168	591	196	4955	6311	1372	1071	8754
Gujarat	2138	447	230	2815	3034	560	583	4177
Uttar Pradesh	9672	1363	501	11536	22578	4601	2057	29236
Karnataka	1920	953	644	3517	5770	1944	699	8413
Goa & Daman	3483	268	78	3829	2409	350	55	2814
Rajasthan	—	—	—	—	5482	2448	59	7989
Andhra Pradesh	—	—	—	—	2223	250	186	2659
Others	1590	534	100	2224	751	456	45	1252
Total	125692	32452	19342	177486	173630	47050	26850	247530

Note : In 1975-76 consumption of rubber by Madras Rubber Factory at their Kottaym unit was included in Tamil Nadu, but from 1980-81 onwards it is included in Kerala

Table 24 (Contd.)

STATE/TERRITORY (19)	1981-82			1982-83				
	Natural (20)	Synthetic (21)	Reclaimed (22)	Total (23)	Natural (24)	Synthetic (25)	Reclaimed (26)	Total (27)
West Bengal	30140	7698	7461	45299	30138	7795	7417	45350
Maharashtra	30278	12721	5762	48761	35093	13088	6156	54337
Tamil Nadu	18796	5295	2492	26583	16809	5730	2916	25455
Punjab	14134	2913	2826	19873	16010	3311	3845	23166
Haryana	15748	4985	1697	22430	15773	5045	1251	22069
Kerala	20819	5093	2451	28363	23129	5132	2640	30901
Delhi	8546	1570	1279	11395	8113	1646	653	10412
Gujarat	3184	803	605	4592	3341	820	224	4385
Uttar Pradesh	24488	5062	2086	31636	26110	5136	2371	33617
Karnataka	8580	2684	899	12163	6995	3241	1174	11410
Goa & Daman	2603	491	63	3157	4262	748	85	5095
Rajasthan	7323	2334	218	9875	6177	2239	158	8574
Andhra Pradesh	2744	425	254	3423	2452	630	241	3323
Madhya Pradesh	...	...	...	...	...	...	...	...
Others	1037	576	77	1690	1143	689	59	1891
Total	188420	52650	28160	269230	195545	55250	29190	279985

Lop-e-33 (Contd.)

Table-24 (Contd.)

STATE/TERRITORY (28)	1983-84				1984-85			
	Natural (29)	Synthetic (30)	Reclaimed (31)	Total (32)	Natural (33)	Synthetic (34)	Reclaimed (35)	Total (36)
West Bengal	29628	7815	6016	43459	27667	8351	5858	41876
Maharashtra	36984	14822	6613	58419	35083	13868	7132	56083
Tamil Nadu	17275	6041	2833	26149	16040	6496	2968	25504
Punjab	18275	4204	6040	28519	20812	3467	8097	32376
Haryana	15959	5579	761	22289	16994	6589	1074	24657
Kerala	25811	6422	2660	34893	27420	6197	3007	36624
Delhi	9327	1794	662	11783	9740	1621	758	12119
Gujarat	3383	627	175	4185	4094	774	276	5144
Uttar Pradesh	30802	6274	3363	40439	31152	7141	3408	41701
Karnataka	8450	4042	1026	13518	9000	4130	1487	14617
Goa & Daman	1611	808	63	2482	2265	1409	101	3775
Rajasthan	8545	2665	190	11400	12755	3676	151	16582
Andhra Pradesh	2128	364	207	2699	2838	574	280	3692
Others	1302	843	81	2226	1850	1107	28	2785
Total	209480	62300	30890	302470	217510	65400	34625	317535

Table-24 (Contd.)

Table- 24 (Contd.)

STATE/TERRITORY (37)	1985-86				1986-87			
	Natural (38)	Synthetic (39)	Reclaimed (40)	Total (41)	Natural (42)	Synthetic (43)	Reclaimed (44)	Total (45)
West Bengal	27538	9091	5445	42074	32484	8625	5780	46889
Maharashtra	37351	14966	6550	58867	34462	14312	6265	55039
Tamil Nadu	19097	7340	3150	29587	19965	8295	3245	31505
Punjab	27172	3845	10637	41654	30868	2438	10620	43926
Haryana	18780	7025	925	26730	19783	6006	1370	27159
Kerala	28341	5896	3375	37612	31445	6872	3423	41740
Delhi	10209	1654	552	12415	10743	2290	584	13617
Gujarat	4962	780	293	6035	5634	767	412	6813
Uttar Pradesh	29458	6889	4523	40870	34447	8383	3827	46657
Karnataka	11670	5119	1912	18701	12856	5765	2201	20822
Goa & Daman	4180	1683	162	6025	1971	707	165	2843
Rajasthan	12259	3623	207	16089	13780	4883	128	18791
Andhra Pradesh	4538	901	439	5878	5380	1249	463	7092
Madhya Pradesh	920	297	24	1241	2043	309	125	2477
Others	866	926	21	1912	1444	884	27	2355
Total	20440	70035	38215	84690	257305	71785	38635	367725

Table - 25

VALUE OF RUBBER IMPORTED FROM VARIOUS COUNTRIES

(000 Rs.)

COUNTRY (1)	1965-66 (2)	1970-71 (3)	1975-76 (4)	1976-77 (5)	1977-78 (6)	1978-79 (7)	1979-80 (8)	1980-81 (9)	1981-82 (10)	1982-83 (11)	1983-84 (12)	1984-85 (13)
	Natural Rubber and Gum											
Malaysia	28386	5431	—	56	102	112616	297805	35437	136569	137357	277850	271982
Singapore	—	573	39	27	4	—	14523	61252	192162	52337	64616	1993
Sri Lanka	8187	1879	—	—	—	27764	—	—	19991	19189	14830	6014
U. S. A.	202	683	12	430	11	—	93	587	92	55	34	237
Canada	326	1294	488	—	—	—	111	117	—	—	—	—
U. K.	377	39	70	122	95	1	39	96	938	186	482	9
Germany (FR)	46	433	—	23	191	12	306	38	60	164	—	31
France	120	60	546	1310	1492	—	616	110	491	318	1184	968
Belgium	—	—	1039	—	—	—	—	—	113	76	—	—
Others	13	213	582	803	1260	8	10998	2409	14331	49046	67742	48843
Total	37657	10605	2776	2771	3155	140401	324491	100046	364747	258728	426738	330077

Table 25 (Contd.)

COUNTRY (1)	1965-66 (2)	1970-71 (3)	1975-76 (4)	1976-77 (5)	1977-78 (6)	1978-79 (7)	1979-80 (8)	1980-81 (9)	1981-82 (10)	1982-83 (11)	1983-84 (12)	1984-85 (13)
	Synthetic Rubber and Substitutes											
U. S. A.	4182	9917	8584	9048	13684	20834	39421	53923	60661	68064	36781	58422
Canada	3702	9390	6324	5177	6556	8449	1750	10502	7964	92	96	17438
Germany (FR)	1274	3046	6184	7775	16716	17431	24633	15050	31992	13482	39389	60265
U. K.	780	1619	1259	1733	2060	2417	2170	2459	10612	6242	9549	8905
France	316	592	4901	3123	4848	9785	13396	12116	23821	29244	33148	60292
Netherlands	3	40	728	97	1052	174	561	997	3514	9792	2748	2401
Belgium	56	1126	26272	25632	27541	31030	43060	38268	63668	79912	79339	70462
Germany (DR)	—	160	—	56	—	238	25	—	—	168	—	—
Japan	—	883	10744	25871	30422	49542	31077	42232	115844	123514	149465	202354
Hungary	—	297	97	—	—	—	—	—	—	—	—	—
Others	580	810	69	1033	1198	1422	34347	13680	77187	49496	47084	81247
Total	10893	27860	65162	79545	104077	141322	190440	189227	395263	380006	397599	541786
	Reclaimed Rubber*											
Germany (FR)	87	8	—	—	—	—	—	—	—	—	5	—
U. K.	141	—	—	—	—	—	—	—	—	—	—	—
U. S. A.	20	—	—	1300	—	73	—	—	55	—	11	11
Czechoslovakia	11	—	—	—	—	—	—	—	—	—	—	—
Others	153	—	—	—	—	128	—	107	—	584	367	40
Total	412	8	Nil	1300	Nil	201	Nil	107	55	584	383	41

* Including waste and scrap of unhardened rubber.

Source: "Monthly Statistics of Foreign Trade of India," published by the Government of India.

Note: Figures for the last two years are provisional.

Table 26 (Contd.)

NOTIFIED PRICES OF VARIOUS GRADES OF NATURAL RUBBER THAT WERE IN FORCE FROM TIME TO TIME SINCE 1947														
GRADE AND QUALITY OF RUBBER														
From 17-12-47 to 7-6-48 (1)														
F. O. B. Cochin for 100 lbs.														
From 8-6-48 to 31-10-48 (2)														
F. O. B. Cochin for 100 lbs.														
(1)														
(2)														
(3)														
(4)														
(5)														
Group 1	RMA IX	73	8	0	72	8	0	79	8	0	78	8	0	
	RMA 1	72	8	0	71	8	0	78	8	0	77	8	0	
Group 2	RMA 2	71	0	0	70	0	0	77	0	0	76	0	0	
	RMA 3	69	8	0	68	8	0	75	8	0	74	8	0	
	Cuttings No. 1	68	8	0	67	8	0	74	8	0	73	8	0	
Group 3	RMA 4	68	0	0	67	0	0	74	0	0	73	0	0	
	RMA 5	66	8	0	65	8	0	72	8	0	71	8	0	
	Cutting No. 2	65	8	0	64	8	0	71	8	0	70	8	0	
Group 4	Pale Latex Crepe IX	76	0	0	75	0	0	82	0	0	81	0	0	
	Pale Latex Crepe 1	74	0	0	73	0	0	80	0	0	79	0	0	
	Pale Latex Crepe 2	73	0	0	72	0	0	79	0	0	78	0	0	
	Pale Latex Crepe 3	72	0	0	71	0	0	78	0	0	77	0	0	
Group 5	Estate Brown Crepe IX	68	0	0	67	0	0	74	0	0	73	0	0	
	Estate Brown Crepe 2X	66	0	0	65	0	0	72	0	0	71	0	0	
	Smoked Blanket	88	0	0	87	0	0	74	0	0	73	0	0	
	Remilled Crepe 2	66	0	0	65	0	0	72	0	0	71	0	0	
Group 6	Estate Brown Crepe 3X	62	0	0	61	0	0	68	0	0	67	0	0	
	Remilled Crepe 3	61	0	0	60	0	0	67	0	0	66	0	0	
	Remilled Crepe 4	60	0	0	59	0	0	66	0	0	65	0	0	
Group 7	Flat Bark	51	0	0	50	0	0	57	0	0	56	0	0	
	35% Normal Latex (excluding cost of containers)	73	8	0	72	8	0	79	8	0	78	8	0	
		Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	Plus a premium of Rs. 17.8-0 per 100 lbs. of dic.	
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	73	8	0	72	8	0	79	8	0	78	8	0	
		Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	Plus a premium of Rs. 43.0-0 per 100 lbs. of dic.	
										dic	div (rubber content)			(Continued)

Source 1 Notification No. 19 (1) - I-P/47 dated 15-12-1947 and
 2 Notification No. 19 (1) - I/P/48 dated 7-6-1948
 issued by the Ministry of Industry & Supply, Govt. of India.

(Continued)

Table-26 (Contd.)

GRADE AND QUALITY OF RUBBER							
		Maximum price		Minimum price			
		Rs.	P.	Rs.	P.	Ra.	P.
		(6)	(7)	(8)	(9)	(10)	(11)
From 28-5-49 to 26-7-50 (4) F. O. B. Cochín for 100 lbs.							
Group 1	RMA IX	91	8	0	90	8	0
	RMA I	90	8	0	89	8	0
	RMA 2	89	0	0	88	0	0
	RMA 3	87	8	0	86	8	0
Group 2	Cuttings No. 1	86	8	0	85	8	0
	RMA 4	86	0	0	85	0	0
	RMA 5	84	8	0	83	8	0
Group 3	Cutting No. 2	83	8	0	82	8	0
	Precoagulated Crepe	94	0	0	93	0	0
	Pale Latex Crepe IX	92	0	0	91	0	0
Group 4	Pale Latex Crepe 1	91	0	0	90	0	0
	Pale Latex Crepe 2	90	0	0	89	0	0
	Pale Latex Crepe 3	91	0	0	90	0	0
	Estate Brown Crepe IX	86	0	0	85	0	0
	Estate Brown Crepe 2X	84	0	0	83	0	0
Group 5	Smoked Blanket	84	0	0	83	0	0
	Remitted Crepe 2	80	0	0	79	0	0
	Estate Brown Crepe 3X	79	0	0	78	0	0
Group 6	Remitted Crepe 3	78	0	0	77	0	0
	Remitted Crepe 4	69	0	0	68	0	0
Group 7	Flat Bark	91	8	0	90	8	0
	35% Normal Latex (excluding cost of containers)	Plus a premium of Rs. 17.8-0 per 100 lbs. of drc.			Plus a premium of Rs. 17.8-0 per 100 lbs. of drc.		
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	8	0
		Plus a premium of Rs. 43.0-0 per 100 lbs. of drc.			Plus a premium of Rs. 43.0-0 per 100 lbs. of drc.		

(Continued)

drc: dry rubber content

1948-49

1942, 1943, 1944, 1945, 1946, 1947, 1948, 1949, 1950, 1951, 1952, 1953, 1954, 1955, 1956, 1957, 1958, 1959, 1960, 1961, 1962, 1963, 1964, 1965, 1966, 1967, 1968, 1969, 1970, 1971, 1972, 1973, 1974, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 26

Oct 9/18/50

1. *Journal of the American Medical Association*, 1997; 277: 1033-1038.

4. Notification No. 19 (4)—1-6/49 dated 24-5-1949.

4. Notification No. 19 (4) — 1-6/75 dated 2-6-75, issued by the Ministry of Industry & Supply, Govt. of India.

issued by the Ministry of Justice, changed July 1971. There are four copies.

Table 28 (cont.)

Table 26 (Contd.)

GRADE AND QUALITY OF RUBBER	From 27-7-50 to 6-3-51 (5)				From 7-3-51 to 20-5-51 (6)			
	F. O. B. Cochin for 100 lbs.				F. O. B. Cochin for 100 lbs.			
	Rs.	A.	P.	Minimum price (10)	Rs.	A.	P.	Minimum price (13)
Group 1	90	8	0	89	122	8	0	121
RMA IX	90	8	0	89	122	8	0	121
RMA 1	89	0	0	88	121	0	0	120
RMA 2	87	8	0	86	119	8	0	118
RMA 3	80	0	0	79	112	0	0	111
Cuttings No. 1	84	0	0	83	116	0	0	115
RMA 4	80	0	0	79	112	0	0	111
RMA 5	74	0	0	73	106	0	0	105
Cuttings No. 2	96	0	0	95	128	0	0	127
Precoagulated Crepe	94	0	0	93	125	0	0	124
Pale Latex Crepe IX	92	0	0	91	123	0	0	122
Pale Latex Crepe 1	91	0	0	90	122	0	0	121
Pale Latex Crepe 2	90	0	0	89	114	0	0	113
Pale Latex Crepe 3	82	0	0	81	111	0	0	110
FAQ	79	0	0	78	110	0	0	109
Estate Brown Crepe IX	82	0	0	81	114	0	0	113
Estate Brown Crepe 2X	82	0	0	81	106	8	0	105
Smoked Blanket	74	8	0	73	103	0	0	102
Remilled Crepe 2	71	0	0	70	101	0	0	100
Estate Brown Crepe 3X	69	0	0	68	95	8	0	94
Remilled Crepe 3	63	8	0	62	87	0	0	86
Remilled Crepe 4	55	0	0	54	123	8	0	122
Flat Bark	91	8	0	90	Plus a premium of Rs. 17.8-0 per 100 lbs of drc.	8	0	Plus a premium of Rs. 17.8-0 per 100 lbs of drc.
35% Normal Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 2	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 3	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 4	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 5	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 6	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122
Group 7	91	8	0	90	123	8	0	122
50% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	123	8	0	122

(Continued)

drc: dry rubber content

Source 5. Notification No. 19 (2)—1-6/50 dated 25-7-1950

issued by the Ministry of Industry & Supply and

6. Notification No. 19 (1) T&P/51 dated 7-3-1951

issued by the Ministry of Commerce and Industry, Govt. of India.

Table - 26 (Contd.)

GRADE AND QUALITY OF RUBBER		From 21-5-51 to 27-10-52 (7)				From 28-10-52 to 14-2-55 (8)			
Standard latex (excluding 50% to 55% Concentrated)		Maximum price of		Minimum price of		Maximum price of		Minimum price of	
		A.	P.	A.	P.	A.	P.	A.	P.
		(14)		(15)		(16)		(17)	
Group 1	RMA IX (of composite)	128	0	127	0	138	0	137	0
	50% to 55% Concentrated	128	0	127	0	138	0	137	0
Group 2	RMA 2	126	8	125	8	136	8	135	8
	RMA 3	117	8	116	8	127	8	126	8
Group 3	Cuttings No. 1-4	121	8	120	8	131	8	130	8
	RMA 4 (Crate 3)	117	8	116	8	127	8	126	8
	RMA 5 (Crate 3)	111	8	110	8	121	8	120	8
Group 4	Cuttings No. 2-5	133	8	132	8	143	8	142	8
	Precoagulated Crepe IX	131	8	130	8	141	8	140	8
	Pale Latex Crepe 1 IX	129	8	128	8	139	8	138	8
Group 5	Pale Latex Crepe 2	128	8	127	8	138	8	137	8
	Pale Latex Crepe 3	127	8	126	8	137	8	136	8
Group 6	FAQ	119	8	118	8	129	8	128	8
	Estate Brown Crepe IX	116	8	115	8	126	8	125	8
	Estate Brown Crepe 2X	119	8	118	8	129	8	128	8
Group 7	Smoked Blanket	112	0	111	0	122	0	121	0
	Remitted Crepe 2	108	8	107	8	118	8	117	8
	Estate Brown Crepe 3X	106	8	105	8	116	8	115	8
Group 8	Remitted Crepe 3	101	0	100	0	111	0	110	0
	Remitted Crepe 4	92	8	91	8	102	8	101	8
Group 9	Flat Bark	129	0	128	0	139	0	138	0
Group 10	35% Normal Latex (excluding cost of containers)	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.	Plus a premium of Rs. 17-8-0 per 100 lbs. of drc.
Group 11	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	129	0	128	0	139	0	138	0
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.	Plus a premium of Rs. 43-0-0 per 100 lbs. of drc.

[Continued]

Source: 7. Notification No. SRO 759 dated 21-5-1951 and
8. Notification No. 30 (5) Pleni/52 dated 27-10-1952
Issued by the Ministry of Commerce and Industry, Govt. of India.

Table-26 (Contd.)

GRADE AND QUALITY OF RUBBER		From 15-2-55 to 23-9-55 (9) F. O. B. Cochín for 100 lbs.			From 24-9-55 to 31-5-61(10)* F. O. B. Cochín for 100 lbs.		
		Maximum price Rs. A.	P.	Minimum price Rs. A.	Maximum price Rs. A.	P.	Minimum price Rs. A.
		(16)		(19)	(20)		(21)
Group 1	RMA IX	150	0	0	155	12	0
	RMA 1	150	0	0	155	12	0
Group 2	RMA 2	148	8	0	154	4	0
	RMA 3	147	0	0	152	12	0
	Cuttings No. 1	139	8	0	145	4	0
Group 3	RMA 4	143	8	0	149	4	0
	RMA 5	139	8	0	145	4	0
	Cuttings No. 2	133	8	0	139	4	0
Group 4	Precoagulated Crepe	155	8	0	161	4	0
	Pale Latex Crepe X	153	8	0	159	4	0
	Pale Latex Crepe 1	151	8	0	157	4	0
	Pale Latex Crepe 2	150	8	0	156	4	0
	Pale Latex Crepe 3	149	8	0	155	4	0
Group 5	Estate Brown Crepe Super IX	145	8	0	151	4	0
	Estate Brown Crepe IX	141	8	0	147	4	0
	Estate Brown Crepe 2X	138	8	0	144	4	0
	Smoked Blanket	141	8	0	147	4	0
	Remilled Crepe 2	134	0	0	139	12	0
Group 6	Estate Brown Crepe 3 X	130	8	0	136	4	0
	Remilled Crepe 3	128	8	0	134	4	0
	Remilled Crepe 4	123	0	0	128	12	0
	Flat Bark	114	8	0	120	4	0
Group 7	35% Normal Latex (ex- cluding cost of containers)	151	0	0	156	12	0
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	151	0	0	156	0	0

* In the case of latex, the prices were effective only upto 2-9-60.

Source: 9 Notification No. 30 (5) Plant/52 dated 15-2-1955 and
10 Notification No. SRO 2105 dated 24-9-1955
issued by the Ministry of Commerce and Industry, Govt. of India

[Continued]

Table-26 (Contd.)

GRADE & QUALITY OF RUBBER	From 3-9-60 to 31-3-61 (II) F.O. to Cochin for 100 lbs		From 1-4-61 to 27-4-62 (12) F.O. to Cochin for 50 lbs	
	Maximum price (22)	Minimum price (23)	Maximum price** Rs. (24)	Minimum price** Rs. (25)
Group 1 RMA IX			164.80	163.70
RMA 1			164.80	163.70
Group 2 RMA 2			163.15	162.05
RMA 3			161.50	160.40
Cuttings No. 1			153.23	152.13
Group 3 RMA 4			157.64	156.54
RMA 5			153.23	152.13
Cuttings No. 2			146.62	145.52
Group 4 Precagulated Crepe			170.87	169.77
Pale Latex Crepe IX			168.66	167.56
Pale Latex Crepe 1			166.46	165.36
Pale Latex Crepe 2			165.36	164.26
Pale Latex Crepe 3			164.26	163.16
Group 5 Estate Brown Crepe Super IX			159.84	158.74
Estate Brown Crepe IX			155.43	154.33
Estate Brown Crepe 2X			152.13	151.03
Smoked Blanket			155.43	154.33
Remilled Crepe 2			147.17	146.07
Group 6 Estate Brown Crepe 3 X			143.31	142.21
Remilled Crepe 3			141.11	140.01
Remilled Crepe 4			135.04	133.94
Group 7 Flat Bark			125.67	124.57
Normal Latex upto 35%	Rs. 155.75	Rs. 154.75	164.80	163.70
Concentrates	Plus a Premium of Rs. 17.50 per 100 lbs. of drc.	Plus a premium of Rs. 19.29 per 50 Kgs. of drc.	Plus a premium of Rs. 19.29 per 50 Kgs. of drc.	Plus a premium of Rs. 19.29 per 50 Kgs. of drc.
Latex concentrates of 36% to 50% (both inclusive)	Rs. 155.75	Rs. 154.75	164.80	163.70
	Plus a premium of Rs. 33/-per 100 lbs. of drc.	Plus a premium of Rs. 36.36 per 50 Kgs. of drc.	Plus a premium of Rs. 36.36 per 50 Kgs. of drc.	Plus a premium of Rs. 36.36 per 50 Kgs. of drc.
Latex concentrates of 51% to 60% (both inclusive)	Rs. 155.75	Rs. 154.75	164.80	163.70
	Plus a premium of Rs. 43/-per 100 lbs. of drc.	Plus a premium of Rs. 47.40 per 50 Kgs. of drc.	Plus a premium of Rs. 47.40 per 50 Kgs. of drc.	Plus a premium of Rs. 47.40 per 50 Kgs. of drc.

**Excluding cess

Source : 11. Notification No. SO 2177 dated 1-9-1960 and

12. Notification No. SO 663 dated 24-3-1961

Issued by the Ministry of Commerce & Industry, Govt. of India.

(Table-26 Contd.)

GRADE AND QUALITY OF RUBBER		From 28-4-62 to 15-12-63 (13) F.O.B. Cochin for 50 Kgs.	From 20-10-67 to 13-9-70 (15) F.O.B. Cochin for 100 Kgs.		
		Maximum price/ Rs. (26)	Minimum price/ Rs. (27)	Maximum price/ Rs. (28)	Minimum price/ Rs. (29)
Group 1	RMA IX	162.60	161.50	416.00	415.00
	RMA 1	162.60	161.50	416.00	415.00*
Group 2	RMA 2	160.95	159.85	412.70	411.70
	RMA 3	159.30	158.20	409.40	408.40
Group 3	Cuttings No. 1	151.03	149.93	392.86	391.86
	RMA 4	155.44	154.34	401.68	400.68
Group 4	RMA 5	151.03	149.93	392.86	391.86
	Cuttings No. 2	144.42	143.32	379.64	378.64
Group 5	Precoagulated Crepe	168.67	167.57	428.14	427.14
	Pale Latex Crepe IX	166.46	165.36	423.72	422.72
	Pale Latex Crepe 1	164.26	163.16	419.32	418.32
	Pale Latex Crepe 2	163.16	162.06	417.12	416.12
	Pale Latex Crepe 3	162.06	160.96	414.92	413.92
Group 6	Estate Brown Crepe Super IX	157.64	156.54	406.08	405.08
	Estate Brown Crepe IX	153.23	152.13	397.26	396.26
	Fstate Brown Crepe 2X	149.93	148.83	390.66	389.66
	Smoked Blanket	153.23	152.13	397.26	396.26
	Remilled Crepe 2	144.97	143.87	380.74	379.74
Group 7	Estate Brown Crepe 3X	141.11	140.01	373.02	372.02
	Remilled Crepe 3	138.91	137.81	368.62	367.62
	Remilled Crepe 4	132.64	131.74	356.48	355.48
Group 7	Flat Bark	123.47	122.37	337.74	336.74
	Normal Latex up to 35% concentrates	162.60	161.50	416.00	415.00
Latex concentrates of 36% to 50% (both inclusive)		Plus a premium of Rs. 19.29 per 50 Kgs. of drc.	Plus a premium of Rs. 19.29 per 50 Kgs. of drc.	Plus a premium of Rs. 38.58 per 100 Kgs. of drc.	Plus a premium of Rs. 38.58 per 100 Kgs. of drc.
Latex concentrates of 51% to 60% (both inclusive)		Plus a premium of Rs. 36.38 per 50 Kgs. of drc.	Plus a premium of Rs. 36.38 per 50 Kgs. of drc.	Plus a premium of Rs. 72.76 per 100 Kgs. of drc.	Plus a premium of Rs. 72.76 per 100 Kgs. of drc.
		Plus a premium of Rs. 47.40 per 50 Kgs. of drc.	Plus a premium of Rs. 47.40 per 50 Kgs. of drc.	Plus a premium of Rs. 94.80 per 100 Kgs. of drc.	Plus a premium of Rs. 94.80 per 100 Kgs. of drc.

Prices notified from 28-4-62 onwards exclude Cess and Sales tax.

Note: 1 On 16th Dec. 1963, Govt. of India removed maximum and minimum notified prices of various grades of rubber.

On 19th Dec. 1963, Govt. of India removed maximum and minimum notified prices of various grades of rubber.

On 19th Dec. 1963, Govt. of India removed maximum and minimum notified prices of various grades of rubber.

The minimum prices fixed were in force till 19-10-1967.

ff On 16th November 1968 Govt. lifted the maximum prices (15) *Effective upto 11th Sept. 1970 only.

(13) Notification No. SO 1274 dated 28-4-1962 issued by the Ministry of Commerce and Industry (14) Notification No.

Source: SO 3549 dated 13-12-1963 (15) Notification No. SO 3772 dated 20-10-1967 and (16) Notification No. SO 4102

dated 16th Nov. 1966 issued by the Ministry of Commerce.

(Table-28 Contd.)

GRADE AND QUALITY OF RUBBER		From 14.9.50 to 15.04.50 R. per 100 Kgs. nearest Dist. Headquarters	From 6.8.57 (18) to 4.7.59 R. per 100 Kgs. nearest Dist. Headquarters	From 17.4.59 to 15.04.59 R. per 100 Kgs. nearest Dist. Headquarters
		Minimum price Rs. (30)	Minimum price Rs. (31)	Minimum price Rs. (32)
Group 1	RMA IX	520.00	655.00	825.00
	RMA I	520.00**	655.00	825.00
Group 2	RMA 2	516.70	650.84	819.76
	RMA 3	513.40	646.68	814.52
	Cuttings No. 1	496.88	625.84	788.27
Group 3	RMA 4	505.68	636.95	802.27
	RMA 5	496.86	625.84	788.27
	Cuttings No. 2	483.64	609.19	767.30
Group 4	Precoculated Crepe	532.14	670.28	844.25
	Pale Latex Crepe IX	527.72	664.72	837.24
	Pale Latex Crepe 1	523.32	659.17	830.25
	Pale Latex Crepe 2	521.12	656.40	826.76
	Pale Latex Crepe 3	518.92	653.63	823.27
Group 5	Estate Brown Crepe Super IX	510.08	642.50	809.26
	Estate Brown Crepe IX	501.26	631.39	795.26
	Estate Brown Crepe 2X	494.56	623.07	784.78
	Smoked Blanket	501.26	631.39	795.26
	Remilled Crepe 2	484.74	610.58	789.05
Group 6	Estate Brown Crepe 3X	477.02	600.85	756.80
	Remilled Crepe 3	472.62	595.31	749.82
	Remilled Crepe 4	460.48	580.02	730.56
Group 7	Flat Bark	441.74	556.42	700.83
	Normal Latex upto 35% concentrates	520.00	655.00	825.00
		plus a premium of Rs. 38.58 per 100 Kgs. of drc.	plus a premium of Rs. 38.58 per 100 Kgs. of drc.	plus a premium of Rs. 38.58 per 100 Kgs. of drc.
	Latex concentrates of 36% to 50% (both inclusive)	520.00	655.00	825.00
		plus a premium of Rs. 72.76 per 100 Kgs. of drc.	plus a premium of Rs. 72.76 per 100 Kgs. of drc.	plus a premium of Rs. 72.76 per 100 Kgs. of drc.
	Latex concentrates of 51% to 60% (both inclusive)	520.00	655.00	825.00
		plus a premium of Rs. 94.80 per 100 Kgs. of drc.	plus a premium of Rs. 94.80 per 100 Kgs. of drc.	plus a premium of Rs. 94.80 per 100 Kgs. of drc.

Source: (17) Notification Nos. SO 3005 dated 12th Sept. 1970 and SO 3119 dated 14th Sept. 1970 issued by the Ministry of Foreign Trade (18). Notification No. SO 608 (E) dated 6th August 1977 issued by the Ministry of Commerce (19) Notification No. S.O. 211 (E) dated 17th April 1979 issued by the Ministry of Commerce, Civil Supplies & Co-operation

** Effective from 12.9.1970

° Price notified on 14th Sept. 1970 for this group cover latex concentrates of above 60% also.

Table-27

MONTH (1)	MARKET PRICE OF INDIGENOUS NATURAL RUBBER (AVERAGE PRICE IN RS. PER 100 KG. FOR UNGRADED RUBBER IN KOTTAYAM MARKET)										
	1968-69 (2)	1969-70 (3)	1970-71 (4)	1971-72 (5)	1972-73 (6)	1973-74 (7)	1974-75 (8)	1975-76 (9)	1976-77 (10)	1977-78 (11)	
April	375.63	584.10	471.60	453.02	482.04	468.21	689.40	831.72	654.70	608.80	
May	386.50	519.39	466.20	444.76	489.29	473.60	836.40	793.70	591.73	622.60	
June	396.29	520.41	454.21	435.84	468.03	478.29	899.40	807.12	585.19	612.30	
July	410.63	519.79	437.78	435.09	464.90	482.96	986.67	795.77	628.89	630.10	
August	423.00	512.60	439.70	413.68	435.50	498.03	1003.80	764.78	599.71	656.00	
September	420.65	484.28	460.80	384.47	429.18	495.40	957.50	763.02	585.50	638.75	
October	438.13	476.90	470.00	400.64	436.93	490.20	777.30	701.39	536.30	649.50	
November	515.00	479.48	481.83	394.86	438.30	494.71	716.85	721.75	595.10	627.60	
December	545.14	492.38	473.35	377.45	442.34	495.41	718.35	715.00	572.50	610.98	
January	564.08	483.09	476.95	423.13	472.40	509.58	904.40	696.31	606.30	637.30	
February	536.07	469.28	467.97	429.09	470.10	647.92	874.37	676.67	615.83	637.50	
March	578.64	468.68	462.63	457.50	475.56	650.39	826.40	656.20	599.73	653.94	
Average	465.81	500.86	463.60	420.78	458.71	515.39	849.24	743.62	595.96	632.11	

Table-27 (Contd.)

MARKET PRICE OF INDIGENOUS NATURAL RUBBER (AVERAGE PRICE IN RS. PER 100 KG. FOR UNGRADED RUBBER IN KOTTAYAM MARKET)											
MONTH	1978-79 (12)	1979-80 (13)	1980-81 (14)	1981-82 (15)	1982-83 (16)	1983-84 (17)	1984-85 (18)	1985-86 (19)	1986-87 (20)	1987-88 (21)	
April	700.10	1074.17	1023.33	1438.96	1560.68	1586.96	1666.74	1560.40	1706.00	1802.00	
May	858.27	1149.42	1026.48	1477.08	1524.00	1766.35	1632.96	1650.58	1706.30	1797.00	
June	960.50	1071.40	1048.00	1463.85	1526.15	1763.08	1708.40	1654.60	1620.40	1725.00	
July	1088.33	1068.85	1199.63	1350.93	1564.81	1721.80	1728.07	1691.67	1566.11	1799.00	
August	970.00	1082.20	1248.91	1423.60	1544.00	1801.46	1690.40	1706.25	1551.80	1730.00	
September	1182.00	945.22	1296.73	1389.05	1360.22	1777.80	1579.00	1677.60	1500.95	1705.00	
October	938.20	969.58	1269.40	1372.73	1218.88	1639.38	1565.42	1671.32	1495.58		
November	896.92	942.00	1178.20	1359.00	1272.30	1702.40	1493.75	1624.65	1505.00		
December	974.00	907.08	1240.38	1414.81	1228.00	1749.07	1503.62	1615.83	1507.69		
January	956.54	1006.80	1307.88	1463.04	1303.33	1707.80	1457.75	1669.04	1584.62		
February	942.40	977.71	1338.48	1497.29	1404.58	1628.54	1500.20	1672.32	1648.54		
March	973.89	1003.65	1369.03	1517.41	1399.23	1645.77	1521.15	1713.54	1709.00		
Average	953.43	1016.51	1212.20	1430.65	1408.83	1707.53	1587.29	1660.70	1591.83		

Table-28

GRADEWISE AVERAGE PRICE OF RMA GRADE SHEET RUBBER
IN RS PER 100 KG IN KOTTAYAM MARKET

MONTH		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5
April	1977	648.06	635.02	621.47	606.13	597.75
May	"	671.24	654.38	635.23	623.86	608.51
June	"	665.84	642.40	634.56	628.38	612.10
July	"	691.39	661.53	655.10	636.10	620.08
August	"	714.94	706.25	671.89	667.52	648.88
September	"	684.04	674.77	660.90	649.04	638.36
October	"	694.33	689.58	670.77	656.65	651.50
November	"	674.95	661.67	655.87	643.46	631.52
December	"	672.01	665.71	652.59	—	—
January	1978	687.75	670.31	656.67	645.94	636.21
February	"	677.62	657.58	655.26	646.11	638.40
March	"	687.67	674.12	670.26	662.31	651.04
Average		680.82	666.11	653.38	642.31	630.39
April	1978	735.00	720.11	707.97	702.83	695.17
May	"	897.36	895.00	862.45	855.02	847.85
June	"	1026.25	1009.69	987.64	965.36	949.82
July	"	1154.85	1125.08	1116.92	1106.97	1076.95
August	"	1070.21	1052.71	999.50	969.75	947.57
September	"	1246.10	1221.20	1196.33	1183.90	1161.09
October	"	1047.45	1036.39	983.69	975.91	937.85
November	"	942.00	935.45	928.15	915.00	893.75
December	"	1031.00	1021.00	1010.00	990.00	969.00
January	1979	1015.80	997.95	980.47	967.22	954.84
February	"	1011.71	983.68	973.02	961.95	949.52
March	"	1028.75	1020.00	1000.06	984.40	971.25
Average		1017.21	1001.52	978.85	964.86	946.22
April	1979	1132.30	1120.65	1101.10	1084.80	1071.90
May	"	1235.45	1208.65	1188.75	1164.50	1156.25
June	"	1154.60	1140.15	1122.70	1106.21	1080.17
July	"	1127.85	1116.25	1098.75	1077.35	1061.70
August	"	1141.40	1128.60	1110.05	1099.90	1078.40
September	"	1005.00	974.50	967.40	949.90	945.80
October	"	1020.00	1012.50	998.45	983.10	966.55
November	"	1001.00	993.75	985.00	963.50	940.10
December	"	977.50	967.00	950.78	938.99	921.10
January	1980	1065.00	1058.00	1046.75	1027.35	1006.25
February	"	1043.50	1033.00	1020.35	1005.00	981.15
March	"	1060.35	1050.00	1036.50	1018.45	999.90
Average		1080.33	1066.92	1052.72	1034.93	1017.44

Table-28 (Contd.)

MONTH		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5
April	1980	1100.00	1090.00	1074.55	1049.20	1025.80
May	"	1100.00	1089.20	1075.55	1057.70	1035.60
June	"	1127.55	1110.00	1090.00	1068.35	1042.50
July	"	1279.00	1264.00	1251.00	1222.00	1192.00
August	"	1378.00	1357.00	1312.00	1288.00	1270.00
September	"	1383.90	1358.55	1330.55	1322.55	1305.55
October	"	1373.65	1347.50	1334.80	1311.40	1283.45
November	"	1283.00	1252.00	1241.90	1218.20	1185.35
December	"	1333.85	1311.25	1283.50	1264.70	1239.00
January	1981	1421.25	1395.00	1372.15	1348.95	1315.35
February	"	1402.00	1390.00	1375.00	1357.00	1332.00
March	"	1447.00	1430.00	1415.00	1395.00	1365.00
Average		1302.33	1282.92	1263.17	1241.92	1216.00
April	1981	1504.00	1495.00	1480.00	1464.00	1439.00
May	"	1573.80	1561.65	1545.00	1515.35	1481.00
June	"	1540.00	1525.00	1516.10	1498.50	1455.70
July	"	1575.00	1518.00	1449.00	1390.00	1363.00
August	"	1517.00	—	1489.12	1455.35	1432.58
September	"	1435.00	—	1425.00	1412.00	1403.00
October	"	1492.50	1463.00	1427.00	1404.00	1386.00
November	"	1466.67	1445.00	1411.00	1392.00	1370.00
December	"	1537.00	1526.00	1461.00	1443.00	1419.00
January	1982	1540.00	1522.12	1504.25	1484.30	1460.30
February	"	1584.00	1578.75	1552.74	1527.74	1504.89
March	"	1620.00	1577.50	1546.07	1533.48	1516.87
Average		1532.08	1521.20	1483.86	1459.98	1436.78

Table-28 (Contd.)

MONTH		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5
April	1982	1658	1630	1605	1580	1566
May	"	1630	1630	1580	1560	1546
June	"	1608	1600	1576	1545	1542
July	"	1690	1678	1610	1579	1570
August	"	1659	1640	1594	1594	1556
September	"	1472	1468	1465	1462	1380
October	"	1358	1340	1321	1258	1231
November	"	1446	1428	1320	1302	1285
December	"	1387	1330	1281	1252	1238
January	1983	1418	1398	1347	1311	1294
February	"	1485	1460	1447	1421	1408
March	"	1460	1444	1435	1419	1408
Average		1523	1504	1465	1440	1419
April	1983	1624	1619	1614	1608	1591
May	"	1920	1910	1848	1826	1794
June	"	1900	1872	1846	1823	1800
July	"	—	1900	1845	1780	1726
August	"	1938	1902	1885	1848	1816
September	"	1885	1858	1844	1819	1794
October	"	1754	1695	1693	1684	1635
November	"	—	1825	1765	1729	1702
December	"	1869	1829	1820	1797	1767
January	1984	1833	1830	1770	1745	1716
February	"	—	—	1689	1688	1640
March	"	1785	1775	1725	1668	1646
Average		1834	1820	1779	1752	1719

Table-28 (Contd.)

MONTH		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5
April	1984	—	—	1715	1694	1670
May	"	—	1720	1695	1683	1651
June	"	1829	—	1795	1760	1711
July	"	1885	1866	1849	1835	1752
August	"	—	1846	1827	1811	1720
September	"	—	—	1668	1651	1601
October	"	—	1640	1621	1605	1594
November	"	—	—	1572	1548	1511
December	"	1676	1659	1607	1580	1528
January	1985	1672	1649	1617	1562	1501
February	"	1617	1604	1574	1553	1512
March	"	1649	1600	1592	1574	1535
Average		1721	1698	1678	1655	1607
April	1985	1688	1649	1627	1608	1584
May	"	1819	1814	1766	1729	1696
June	"	1846	1784	1748	1723	1674
July	"	1876	1850	1790	1746	1715
August	"	1918	1869	1805	1775	1725
September	"	1935	1890	1839	1781	1701
October	"	1945	1918	1823	1785	1718
November	"	1857	1835	1797	1772	1662
December	"	1886	1850	1745	1716	1660
January	1986	1883	1825	1756	1729	1686
February	"	1847	1810	1736	1694	1682
March	"	1845	1805	1744	1726	1717
Average		1862	1825	1765	1732	1685

Table-28 (Contd.)

MONTH		RMA 1	RMA 2	RMA 3	RMA 4	RMA 5
April	1986	1815	1795	1771	1734	1723
May	"	1905	1830	1765	1738	1714
June	"	1813	1760	1748	1680	1650
July	"	1790	1730	1705	1669	1584
August	"	1795	1742	1722	1686	1591
September	"	1732	1702	1652	1605	1532
October	"	1713	1684	1645	1584	1517
November	"	1719	1680	1648	1591	1519
December	"	1701	1680	1639	1598	1529
January	1987	1705	1675	1655	1633	1594
February	"	1784	1762	1729	1675	1654
March	"	1833	1810	1768	1729	1710
Average		1775	1738	1704	1660	1610
April	1987	1885	1865	1840	1816	1802
May	"	1930	1910	1885	1847	1797
June	"	1900	1875	1857	1821	1725
July	"	1935	1915	1900	1860	1799
August	"	1910	1890	1870	1816	1730
September	"	1860	1825	1790	1750	1705

Table-29

AVERAGE PRICE OF INDIGENOUS SYNTHETIC RUBBER
(Rs. per 100 kg.)

YEAR	Styrene Butadiene (Ex-Barcilly price)		Poly butadiene (Ex-Baroda price)	
	1500/1502/1552x	1712/1752	1958/1941x	1203
1963-64	417	371	—	
1964-65	392	343	565	
1965-66	385	340	565	
1966-67	424	379	604	
1967-68	445	400	641	
1968-69	515	465	680	
1969-70	493	443	680	
1970-71	440	390	680	
1971-72	440	390	680	
1972-73	440	390	680	
1973-74	427	377	614	
1974-75	902	732	1226	
1975-76	779	720	1370	
1976-77	813	763	1378	
1977-78	855	805	1420	
1978-79	909	858	1440	853
1979-80	1222	1134	1732	976
1980-81	1507	1317	2019	1224
1981-82	1729	1542	2130	1414
1982-83	1833	1634	2210	1477
1983-84	1853	1651	2226	1477
1984-85	2086	1808	2382	1698
1985-86	2350	2110	2736	1928
1986-87	2517	2285	2915	2072
April-Sept. 1987	2550	2320	3060	2174

Note : The prices are exclusive of excise duty and other taxes

Source : M/s. Synthetics & Chemicals Ltd & Indian Petro Chemicals Corporation Ltd.

Table 30

DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION

CONSUMPTION IN METRIC TONNES (1)	1966-67					1970-71					Total (11)
	No. of Manufacturers (2)	Consumption		Reclaimed (5)	Total (6)	No. of Manufacturers		Natural (8)	Synthetic (9)	Reclaimed (10)	
		Natural (3)	Synthetic (4)			Total (7)					
10 and below	676	2786	179	57	3022	847	2168	445	173	2786	
Above 10 and upto and including 50	187	3977	349	146	4472	280	5862	1210	415	7487	
Above 50 and upto and including 100	55	3265	511	233	4009	62	3407	1173	399	4979	
Above 100 and upto and including 500	45	8520	1739	559	10818	68	9577	3270	1666	14513	
Above 500 and upto and including 1000	10	3660	1245	1368	6263	13	6138	1802	1953	9993	
Above 1000	12	46477	19569	8560	74606	11	60085	25260	9742	95087	
Total	985	66685	23692	10913	103190	1281	87237	33160	14348	134745	

CONSUMPTION IN METRIC TONNES (12)	1975-76					1980-81					Total (22)
	No. of Manufacturers (13)	Consumption		Reclaimed (16)	Total (17)	No. of Manufacturers		Natural (18)	Synthetic (19)	Reclaimed (21)	
		Natural (14)	Synthetic (15)			Total (20)					
10 and below	1097	5133	671	486	6290	1696	4202	597	496	5295	
Above 10 and upto and including 50	503	12127	1819	1030	14976	817	17016	2831	2116	21963	
Above 50 and upto and including 100	135	9178	1597	628	11403	159	9944	2901	2431	15276	
Above 100 and upto and including 500	84	13425	3646	2168	19239	112	17783	5834	3830	27447	
Above 500 and upto and including 1000	10	4830	824	1450	7104	18	9674	2731	1771	14176	
Above 1000	15	80999	23895	13580	118474	24	115011	32156	16206	163373	
Total	1844	125692	32452	19342	177486	2826	173630	47050	26850	247530	

Table 30 (Contd.)

DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION

CONSUMPTION IN METRIC TONNES	1981-82					1982-83				
	No. of Manufacturers		Consumption		No. of Total	Consumption		No. of Total		No. of Total
(23)	(24)	(25)	(26)	(27)	(28)	(29)	(30)	(31)	(32)	(33)
10 and below	1708	3883	797	673	5353	1874	4845	920	883	6448
Above 10 and upto and including 50	963	18607	3009	2403	23919	9968	18815	3917	2683	25415
Above 50 and upto and including 100	176	10305	4084	2673	17062	173	9852	4690	2651	16983
Above 100 and upto and including 500	133	20874	7755	3923	32852	149	22378	8304	3792	34674
Above 500 and upto and including 1000	19	10056	2920	2623	15599	19	10571	3188	2124	15873
Above 1000	23	124695	34085	15865	174645	25	129264	34251	17357	180892
Total	3021	189420	52650	28160	269230	3226	199545	55250	29190	279985

CONSUMPTION IN METRIC TONNES	1983-84					1984-85				
	No. of Manufacturers		Consumption		No. of Total	Consumption		No. of Total		No. of Total
(34)	(35)	(36)	(37)	(38)	(39)	(40)	(41)	(42)	(43)	(44)
10 and below	1881	5769	942	693	7304	1782	5492	1297	708	7486
Above 10 and upto and including 50	1078	19835	3950	2755	26540	1239	22245	4551	3360	30155
Above 50 and upto and including 100	173	9781	4788	1939	16498	201	21638	4518	2776	18171
Above 100 and upto and including 500	148	22389	8774	3642	34805	168	21638	5918	3617	17644
Above 500 and upto and including 1000	17	8615	2334	1628	12477	23	9538	3987	2832	16535
Above 1000	29	143091	41512	20234	204846	23	141586	40795	20827	203218
Total	3326	209480	62300	30690	302470	3442	217510	65400	34625	317535

CONSUMPTION IN METRIC TONNES	1985-86					1986-87				
	No. of Manufacturers		Consumption		No. of Total	Consumption		No. of Total		No. of Total
(45)	(46)	(47)	(48)	(49)	(50)	(51)	(52)	(53)	(54)	(55)
10 and below	1955	5951	1355	774	18081	2073	8607	1325	888	10820
Above 10 and upto and including 50	1318	25805	4108	3792	33705	1395	27930	4238	2643	38405
Above 50 and upto and including 100	241	14356	4951	3030	22337	301	17874	5178	3641	26643
Above 100 and upto and including 500	201	32821	13340	5157	51318	182	36457	12053	5793	33313
Above 500 and upto and including 1000	21	8263	4106	3223	15572	30	15526	3856	3336	7228
Above 1000	33	148244	42174	22259	212677	28	151901	48185	20740	217826
Total	3769	237440	70035	38215	345690	4009	257305	71785	38636	367725

Table - 31

NUMBER OF LICENSED MANUFACTURERS IN DIFFERENT STATES AT THE END OF EACH YEAR

State/Territory (1)	1965-66 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)	1973-74 (6)	1974-75 (7)	1975-76 (8)	1976-77 (9)	1977-78 (10)
Assam	—	4	5	4	3	3	2	2	3
Andhra Pradesh	8	15	21	30	34	35	42	48	47
Bihar	6	7	10	10	10	20	25	18	19
Delhi	110	153	161	165	169	156	178	205	216
Gujarat	40	78	88	95	104	126	134	136	149
Goa	—	1	1	2	2	3	5	6	4
Kerala	54	119	120	144	152	191	221	248	273
Haryana	—	65	60	70	82	91	114	129	141
Himachal Pradesh	—	—	—	—	—	—	—	1	1
Madhya Pradesh	5	15	14	15	13	15	15	17	19
Tamil Nadu	34	64	59	67	72	88	111	118	139
Maharashtra	162	230	227	239	267	272	280	279	296
Karnataka	7	17	10	26	35	43	51	58	56
Orissa	—	2	2	6	5	6	2	5	3
Punjab	172	201	184	173	180	192	183	221	245
Rajasthan	7	9	9	12	11	13	15	14	16
Uttar Pradesh	58	103	111	127	128	146	163	182	186
West Bengal	175	198	228	212	238	247	301	314	303
Others	—	—	—	—	1	1	1	2	3
Total	638	1281	1310	1397	1506	1648	1844	2003	2119

State/Territory (11)	1978-79 (12)	1979-80 (13)	1980-81 (14)	1981-82 (15)	1982-83 (16)	1983-84 (17)	1984-85 (18)	1985-86 (19)	1986-87 (20)
Assam	2	4	2	3	1	2	3	3	2
Andhra Pradesh	55	64	80	83	87	92	107	107	121
Bihar	30	31	29	29	29	30	28	30	34
Delhi	265	272	274	280	308	304	319	325	343
Gujarat	168	173	191	194	222	228	247	262	274
Goa	7	5	6	9	11	9	11	12	15
Kerala	311	331	391	450	490	531	533	599	630
Haryana	157	171	181	203	204	216	201	213	213
Himachal Pradesh	4	3	3	7	7	6	9	9	11
Madhya Pradesh	23	22	24	27	30	33	41	46	54
Tamil Nadu	160	189	212	220	242	253	287	326	358
Maharashtra	337	367	373	385	416	413	427	468	492
Karnataka	68	79	90	100	106	117	132	162	169
Orissa	5	7	10	11	12	10	11	17	15
Punjab	287	317	339	349	355	341	331	371	397
Rajasthan	21	16	19	24	31	39	42	44	47
Uttar Pradesh	215	242	249	264	270	297	305	352	379
West Bengal	338	345	351	383	402	400	401	413	445
Others	3	2	2	3	3	5	7	9	10
Total	2456	2640	2826	3021	3226	3326	3442	3769	4009

Table-32

PRODUCTION OF

YEAR	AUTOMOBILE TYRE ('000 Nos.)							Total	Installed capacity
	Giant	Motor car	Motor Cycle & Scooter	Tractor	Aero	A. D. V.	Off-the road		
[1]	[2]	[3]	[4]	[5]	[6]	[7]	[8]	[9]	[10]
1960	919	343	99	49	3	49	3	1465	1736
1961	979	473	110	49	3	72	6	1692	1736
1962	1070	518	121	57	8	91	7	1872	2380
1963	1244	549	133	43	16	85	8	2078	2800
1964	1238	689	165	75	14	94	9	2284	2800
1965	1364	762	227	94	11	117	8	2583	2980
1966	1404	723	224	90	12	119	8	2580	3100
1967	1507	755	214	93	10	120	7	2706	3486
1968	1851	861	414	149	9	145	9	3438	3486
1969	2077	969	581	178	8	193	9	4015	3930
1970	2093	966	603	186	7	176	10	4041	4080
1971	2364	1148	678	228	14	212	15	4659	4580
1972	2392	1296	708	280	17	269	16	4978	5881
1973	2487	1280	709	286	13	250	18	5043	5881
1974	2713	1262	802	309	10	281	18	5395	6281
1975	2880	950	1065	367	12	273	17	5564	6949
1976	2724	913	1484	422	15	277	18	5853	7129
1977	3069	998	1270	470	16	344	13	6180	7929
1978	3411	1047	1520	582	16	406	10	6992	7929
1979	3451	1057	1820	603	13	322	9	7275	8779
1980	3707	1073	1967	654	16	420	11	7848	8863
1981	3825	969	2405	695	16	400	11	8321	—
1982	4340	982	2425	690	21	467	12	8937	9745
1983	4449	1090	2609	780	17	496	15	9456	11345
1984*	4612	1331	3275	919	14	455	15	10621	13645
1985*	4680	1546	3969	950	12	451	16	11624	—

Source : * Provisional
Directorate General of Technical Development.

RUBBER GOODS

AUTOMOBILE TUBES ('000 Nos.)								
Giant [11]	Motor Car [12]	Motor Cycle & Scooter [13]	Tractor [14]	Acro [15]	A. D. V. [16]	Off-the road [17]	Total [18]	Installed capacity [19]
817	360	104	51	1	65	3	1401	1736
870	477	137	54	2	77	5	1622	1736
952	541	150	53	3	99	6	1804	2380
1162	686	182	63	4	131	8	2236	2800
1254	718	237	75	5	163	9	2461	2800
1289	785	292	97	2	157	10	2632	2980
1227	703	277	81	1	134	8	2431	3100
1494	947	313	107	2	141	10	3014	3486
1569	965	454	148	1	151	10	3298	3486
1523	842	514	160	1	217	9	3266	3930
1707	1019	522	181	1	190	9	3629	4080
2123	1303	608	221	4	239	11	4509	4580
2361	1266	624	255	3	255	12	4776	5191
2465	1168	588	258	3	228	14	4724	5191
2525	1096	607	244	2	223	11	4711	5591
2674	983	862	308	3	295	8	5133	7103
2276	1116	1211	396	5	359	15	5378	—
2500	1070	1136	364	3	341	11	5425	—
2899	1136	1289	446	4	387	8	6169	—
2728	1159	1054	438	3	310	6	5708	7540
3197	1167	1319	519	4	388	8	6602	9915
3549	1150	1741	590	2	344	9	7385	—
3618	1202	1823	502	2	385	9	7541	10337
3548	1353	1862	559	1	337	6	7666	11595
3996	1646	2063	671	1	383	8	8768	14745
3823	1724	2723	676	2	314	10	9272	—

Table-33

PRODUCTION OF VEHICLES

Industry	Production in Numbers					
	1979-80 (2)	1980-81 (3)	1981-82 (4)	1982-83 (5)	1983-84 (6)	1984-85 (7)
(1)						
1. Commercial Vehicles	57811	70847	91115	86011	88445	96794
2. Agricultural Tractor	62502	71120	84166	62888	75793	84913
3. Cars	32850	31344	42610	43616	46751	74166
4. Jeeps	14196	17881	20721	21789	23240	26163
5. Motor Cycles	91567	104169	116136	134905	160386	181928
6. Scooters	158094	213068	199640	264919	280381	322183
7. Three Wheelers	17781	26919	25773	31912	38422	43461
8. Mopeds	71701	128894	207700	233553	338118	413921
Total	508302	665242	787551	879593	1061536	124251

Source : Ministry of Industry

Table-34

CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

(Tonnes)

PRODUCTS	1984-85		1985-86		1986-87		1987-88		1988-89		1989-90		1990-91	
	NR (2)	SR (3)	NR (4)	SR (5)	NR (6)	SR (7)	NR (8)	SR (9)	NR (10)	SR (11)	NR (12)	SR (13)	Total (9)	
1. Automobile tyres and tubes*	62115	17451	4987	84453	87295	26598	6061	119954						
2. Cycle tyres and tubes	15979	3056	5414	24449	20664	5346	7860	33870						
3. Camel back	5545	2303	682	8530	9130	2484	2005	13619						
4. Footwears	12387	4135	2155	18677	18900	4951	3214	27065						
5. Belts and hoses	8943	1194	1342	11479	11812	2034	1885	15731						
6. Latex foam	2033	—	—	2033	5753	—	—	5753						
7. Cables and wires	590	300	18	908	779	435	136	1350						
8. Battery boxes	280	561	2275	3116	485	778	3220	4483						
9. Dipped goods	3478	—	—	3478	4945	—	—	4945						
10. Others	14342	3452	2569	20363	13867	4424	2469	20760						
Total	125692	32452	19342	177486	173630	47050	26850	247530						

Table-34 (Contd.)

PRODUCTS	1981-82			1982-83				
	NR (10)	SR (11)	RR (12)	Total (13)	NR (14)	SR (15)	RR (16)	Total (17)
1. Automobile Tyres and Tubes*	97027	28460	6660	132147	100379	28801	6982	136162
2. Cycle Tyres and Tubes	22252	6335	8032	36619	23075	7050	8300	38425
3. Camel back	9359	2999	2018	14376	9448	3237	2100	14785
4. Footwears	19286	6121	3294	28701	19859	6670	3267	29806
5. Belts and hoses	12651	2904	1936	17491	13176	3179	2140	18495
6. Latex foam	6815	—	—	6815	7645	—	—	7645
7. Cables and wires	831	485	196	1512	769	473	190	1432
8. Battery boxes	575	819	3544	4938	615	970	3690	5275
9. Dipped goods	5454	—	—	5454	6084	—	—	6084
10. Others	14170	4527	2480	21177	14485	4870	2521	21876
Total	188420	52650	28160	269230	195545	55250	29190	279985

Table - 34 (Contd.)

PRODUCTS	1983-84				1984-85				1985-86			
	NR (18)	SR (19)	RR (20)	Total (21)	NR (22)	SR (23)	RR (24)	Total (25)	NR (26)	SR (27)	RR (28)	Total (29)
1. Automobile Tyres and Tubes*	108149	33222	7129	148500	111657	34981	7648	154286	112831	35757	7381	155969
2. Cycle tyres and Tubes	24261	7820	8800	40881	25818	8120	9279	43217	29915	9220	9872	49107
3. Camel back	10359	3547	2242	16148	11320	3954	2732	18006	18047	4092	2943	22082
4. Footwears	20748	7140	3424	31312	21760	7792	4197	33739	24194	8695	5245	38134
5. Belts and hoses	13654	3625	2240	19519	13960	4378	2457	20795	15570	5122	2856	23548
6. Latex foam	8572	—	—	8572	9197	—	—	9197	12396	—	—	12396
7. Cables and wires	848	554	182	1584	805	609	318	1732	1004	708	259	1971
8. Battery boxes	792	1022	3990	5804	827	1093	4530	6450	890	1128	5720	7738
9. Dipped goods	6725	—	—	6725	7094	—	—	7094	9550	—	—	9550
10. Others	15372	5370	2683	23425	15082	4473	3464	23019	16043	5313	3839	25195
Total	209480	62300	30690	302470	217510	65400	34625	317535	227440	70035	38215	348690

* Includes tractor, Aero, and off-the-road.
ADV

Table-35

Table-35	VALUE OF RUBBER (value in)								
	PRODUCTS (1)	1965-66 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)	1973-74 (6)	1974-75 (7)	1975-76 (8)	1976-77 (9)
1.	Automobile tyres and tubes including tyre retreading materials	27482	55375	66920	60471	67475	87394	85145	184816
2.	Beltings	122	1637	752	911	2585	10223	8877	7619
3.	Cycle tyres and tubes	2309	4364	4711	5435	9577	13138	9888	15333
4.	Hoses	788	1883	1744	773	1438	2117	2735	3544
5.	Hygienic, medical & surgical articles of rubber including gloves	211	6183	879	874	3053	2780	2401	7243
6.	Rubber footwear	879	1587	1107	2502	1877	3278	1358	1612
7.	Rubber-soled footwear with canvas upper	13977	21573	30292	27861	27493	42449	21745	32935
8.	Rubber coats & aprons for textile industry	1572	1463	513	146	1145	1154	846	1010
9.	Rubber sheetings	66	471	183	171	207	125	798	301
10.	Synthetic rubber & substitutes	—	—	—	—	—	4084	35	87
11.	Reclaimed Rubber	2579	2422	5138	5879	13540	1936	302	2111
12.	Others	—	—	—	—	—	9380	11198	16997
Total		49985	96958	112239	105023	128390	178058	145328	273608

Source: Chemicals and Allied Products Export Promotion Council.

PRODUCTS EXPORTED

('000 Rs.)

1977-78 (10)	1978-79 (11)	1979-80 (12)	1980-81 (13)	1981-82 (14)	1982-83 (15)	1983-84* (16)	1984-85* (17)	1985-86* (18)	1986-87* (19)
168463	126142	112000	131529	100000	107000	158000	495000	470000	595000
11061	18710	27917	42800	120000	230000	273000	245000	395000	200000
18491	12287	10766	25883	20000	5500	19500	12500	10000	6300
4536	7069	4852	8225	40000	45000	40600	15700	65000	27000
11034	8308	17556	20942	24300	13100	12200	7010	7068	20010
1996	1826	2561	3658	2700	4650	6700	5000	5000	5700
36695	21610	24179	41768	38300	29350	23300	31000	45000	49300
1532	3133	1945	3944	5700	6000	8000	8500	7100	7000
376	401	156	629	1800	2000	1700	490	5000	5000
—	201	—	—	NA	NA	NA	NA	NA	NA
2564	2887	2531	NA	NA	NA	1519	2302	1035	893
14187	20267	23831	34225	50200	57400	63481	58498	59767	54197
270935	222841	228294	313603	403000	501000	608000	881000	1070000	970400

NA - Not available

* Estimated

Table-36

QUANTITY AND VALUE OF
(Value in

PRODUCTS (1)	Unit (2)	1967-68		1969-70	
		Quantity (3)	Value (4)	Quantity (5)	Value (6)
1. TYRES					
Aircraft	Nos.	2190	1172	158	887
Cycle	"	13066	149	—	—
Motor car, Truck and Bus	"	594	107	3213	812
Tractor and other OTR	"	450	2451	8092	2945
Motor cycle	"	182	13	21657	473
Solid Rubber Tying	"	36	59	48	19
Solid Rubber Tying (NES)	MT	153	1469	54	2121
Others	Nos.	523	108	1164	291
Total		—	5528	—	7548
2. TUBES					
Aircraft	Nos	1495	209	2832	159
Cycle	"	624	3	—	—
Motor car, Truck and Bus	"	319	16	3913	105
Tractor and other OTR	"	127	66	2887	508
Motor cycle	"	6260	44	11	—
Others	"	390	16	5530	485
Total		—	354	—	1257
3. FLAPS	Nos.	58	2	3570	70
4. HYGIENIC PHARMA- CEUTICAL ARTICLES AND CONTRACEPTIVES	million				
Others	Nos.	615	3489	122 71	18947
	Kg.	2789	80	5502	165
Total		—	3569	—	19112
5. BELTING					
Conveyor	Kg.	87978	1136	39142	364
Others	"	98362	2805	90132	2502
Total		—	3941	—	2866
6. FOOTWEAR	Pairs	837	2	32130	65
7. TEXTILE FABRICS COATED WITH RUBBER, LEATHER ETC. AND THE LIKE	Kg.	20688	828	15638	927
8. RUBBERISED AND OTHER IMPREGNATED ARTICLES	"	7704	221	18746	545
9. LATEX FOAM SPONGE	"	33143	242	49503	240
10. HOSES	"	88896	2585	120620	2835
11. EBONITE	"	16543	376	969	56
12. OTHER VULCANISED SHEETS	MT.	255	1018	143	1446
13. OTHER ARTICLES OF RUBBER		—	3605	—	2597
Grand Total			22271	—	39564

* less than Rs. 500

Source : 'Monthly Statistics of Foreign Trade of India'

RUBBER PRODUCTS IMPORTED
(000 Rs.)

1971-72		1973-74		1975-76		1977-78	
Quantity (7)	Value (8)	Quantity (9)	Value (10)	Quantity (11)	Value (12)	Quantity (13)	Value (14)
2188	2448	1813	2222	2252	3056	13681	11126
4127	15	45	81	—	—	—	—
4706	1362	3920	1872	1589	812	354	282
15382	6300	10500	5859	9184	5537	438	329
4630	161	5008	190	81	4	35	4
290	124	2524	1662	31	15	991	451
478	4718	788	8332	422	7183	—	—
2338	758	—	—	2849	702	20740	7658
—	15886	—	20218	—	17309	—	19850
2275	360	290	38	4538	489	763	152
3280	11	—	—	—	—	—	—
4895	228	3765	194	444	23	77	23
2194	366	2747	496	2239	385	71	17
1618	60	—	—	—	—	25	2
1375	246	1796	216	2420	245	1297	132
—	1271	—	944	—	1142	—	326
720	45	3291	1015	17	8	—	—
6.53	826	12400	16385	0.63	70	0.10	27
567	18	17564	494	108	4	119	16
—	844	—	16879	—	74	—	43
176566	1584	135684	2634	1076828	28580	134941	7634
29772	875	287319	8800	52665	2260	201576	26034
—	2459	—	11434	—	30840	—	33668
89	1	—	—	—	—	—	—
54080	2937	27571	1561	—	—	500	260
4901	114	4773	215	—	—	—	—
25326	73	—	—	27000	738	31616	290
95453	2681	121399	3259	230633	6851	556272	18709
20097	252	30977	985	1024	59	2280	179
263	2161	38	954	37	1029	—	—
—	4961	—	6037	—	13075	—	41993
—	33685	—	63501	—	71125	—	115318

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Table-36 (Contd.)

PRODUCTS		1978-79		1979-80	
		Quantity (15)	Value (16)	Quantity (17)	Value (18)
1. TYRES					
Aircraft	Nos.	1426	3496	2225	7679
Cycle	"	1300	20	—	—
Motor car, Truck and Bus	"	2375	5117	12339	10710
Tractor and other OTR	"	1546	3464	—	—
Motor cycle	"	1564	163	201	235
Solid Rubber Tying	"	335	1057	503	375
Solid Rubber Tying (NES)	MT	—	—	—	—
Others	Nos.	73840	2996	—	—
Total		—	16313	—	18999
2. TUBES					
Aircraft	Nos.	52	9	265	34
Cycle	"	—	—	—	—
Motor car, Truck and Bus	"	—	—	3568	487
Tractor and other OTR	"	810	341	3821	374
Motor Cycle	"	—	—	—	—
Others	"	13389	1060	42710	11507
Total		—	1410	—	12402
3. FLAPS	Nos.	—	—	26	11
4. HYGIENIC PHARMA- CEUTICAL ARTICLES AND CONTRACEPTIVES	million Nos.	—	—	0.07	19
Others	Kg.	201593	2151	161	49
Total		—	2151	—	63
5. BELTING					
Conveyor	Kg.	179500	5881	989573	22775
Others	"	262779	12720	144550	10911
Total		—	18601	—	33686
6. FOOTWEAR	Pairs	—	—	—	—
7. TEXTILE FABRICS COATED WITH RUBBER, LEATHER ETC. AND THE LIKE	Kg.	119163	8926	1554	379
8. RUBBERISED AND OTHER IMPREGNATED ARTICLES	"	—	—	—	—
9. LATEX FOAM SPONGE	"	—	—	84099	1217
10. HOSES	"	218468	11078	175631	13336
11. EBONITE	"	20277	1275	9511	1085
12. OTHER VULCANISED SHEETS	MT	4547	435	207215	5765
13. OTHER ARTICLES OF RUBBER	"	—	46063	—	84361
Grand Total		—	106252	—	171309

* Less than Rs. 500

Source: 'Monthly Statistics of Foreign Trade of India'

NUMBER OF LICENSED DEALERS IN DIFFERENT STATES

1980-81		1981-82		1982-83		1983-84		1984-85	
Quantity (19)	Value (20)	Quantity (21)	Value (22)	Quantity (23)	Value (24)	Quantity (25)	Value (26)	Quantity (27)	Value (28)
1167	4149	1915	8934	686	2190	1544	6271	153	670
—	—	—	—	6710	610	—	—	—	—
1864	2370	569	971	5795	7366	2497	2738	2207	4552
2318	6350	661	3898	1656	19655	948	10540	135	1831
1	1	18	11	—	—	42	15	1	1
612	1359	319	386	149	349	75	295	—	—
—	—	—	—	21	1301	21	1016	19	660
16854	5583	7515	19029	2754	4633	3674	3884	3386	4397
—	19812	—	33229	—	36104	—	24759	—	12111
4	16	29	19	—	—	—	—	—	—
30	3	850	4	—	—	—	—	—	—
5	3	39	11	17	5	525	126	—	—
365	107	500	122	52	17	4	3	—	—
—	—	4	—	707	—	707	54	—	—
995	339	12	5	1522	274	179	159	417	9
—	468	—	161	—	296	—	342	—	9
5	2	14	67	309	305	59	30	69	15
53711	636	2 11	2564	26.59	5515	10.39	2864	3.23	98
5521	507	14199	2464	50408	1305	31885	1219	108012	864
—	1143	—	5028	—	6820	—	4083	—	963
212429	10573	379	18139	503049	20048	372265	35746	162177	707
178158	19268	14243	2553	128139	35098	155304	19303	91188	234
—	29841	—	20692	—	55146	—	55049	—	941
—	—	—	—	—	—	22779	513	—	—
62329	8008	508	19	178161	12232	379444	19318	273778	241
—	—	—	—	—	—	—	—	—	—
22883	206	303	59	3499	122	1480	538	11577	8
124086	10438	299	21709	515660	43083	454794	41260	771843	741
26128	933	—	—	30244	1408	11732	737	25663	11
56817	2212	—	—	9	1137	57	1522	—	195
—	96473	—	161707	—	101736	—	162715	—	—
—	169536	—	242671	—	258389	—	310866	—	413

Table-37

NUMBER OF LICENSED DEALERS IN DIFFERENT STATES

STATE/DISTRICT/TERRITORY (1)	1965-66 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)	1973-74 (6)	1974-75 (7)	1975-76 (8)	1976-77 (9)	1977-78 (10)
Kerala									
Trivandrum District	7	40	43	41	46	43	60	79	97
Quilon	77	272	258	264	295	333	344	337	373
Pathanamthitta	—	—	—	—	—	—	—	—	—
Alleppey	17	38	39	36	31	31	38	55	47
Kottayam	238	686	696	651	700	775	787	879	941
Idikki	—	—	—	27	78	78	86	107	123
Ernakulam	106	313	297	267	203	193	212	257	271
Trichur	5	17	18	15	17	17	19	18	16
Palghat	8	11	18	10	12	36	17	18	19
Malappuram	—	16	26	20	26	36	42	45	51
Kozhikode	26	71	65	76	66	47	73	90	107
Wynad	—	—	—	—	—	—	—	—	—
Cannanore	21	102	72	65	58	49	78	118	128
Kasargode	—	—	—	—	—	—	—	—	—
Sub Total	505	1563	1532	1472	1532	1638	1756	2003	2173
Delhi	29	61	55	54	55	58	63	69	72
West Bengal	22	53	42	39	38	41	45	51	56
Punjab*	16	25	27	35	37	44	39	38	39
Haryana	—	—	—	—	—	—	—	—	—
Maharashtra	19	39	62	37	34	27	30	33	39
Tamil Nadu	14	31	31	54	67	68	75	89	106
Uttar Pradesh	3	7	8	10	10	13	10	11	17
Karnataka	—	1	5	6	7	7	8	10	12
Andhra Pradesh	—	1	1	1	1	1	1	1	—
Gujarat	—	3	8	6	4	4	7	7	7
Himachal Pradesh	—	3	1	1	1	—	1	1	1
Madhya Pradesh	—	—	—	1	1	—	1	2	2
Tripura	—	—	—	—	—	—	—	1	1
Andamans	—	—	—	—	—	—	—	—	—
Bihar	—	—	—	—	—	—	—	—	—
Rajasthan	—	—	—	—	—	—	—	—	—
Goa	—	—	—	—	—	—	—	—	—
Orissa	—	—	—	—	—	—	—	—	—
Assam	—	—	—	—	—	—	—	—	—
Grand Total	608	1790	1772	1716	1787	1901	2036	2316	2525

Table-38

DISTRIBUTION OF LICENCED DEALERS

PURCHASE IN METRIC TONNES (1)	1965-66 (2)	1970-71 (3)	1971-72 (4)	1972-73 (5)
10 and below	—	217	1022	963
Above 10 and upto and including	25	102	227	252
" 25	50	79	148	142
" 50	100	56	115	117
" 100	250	71	124	123
" 250	500	35	77	82
" 500	1000	27	47	61
Above 1000	—	21	30	32
Total	608	1790	1772	1716

* Including Chandigarh also.

AT THE END OF EACH YEAR

1978-79 (11)	1979-80 (12)	1980-81 (13)	1981-82 (14)	1982-83 (15)	1983-84 (16)	1984-85 (17)	1985-86 (18)	1986-87 (19)
129	129	155	152	149	152	150	197	263
448	487	532	527	504	331	307	329	460
—	—	—	—	—	232	239	323	399
47	47	47	45	50	23	20	9	13
1086	1118	1306	1313	1324	1346	1314	1431	1706
129	138	155	170	194	187	189	239	264
352	347	392	403	420	414	416	510	628
26	22	26	27	23	27	26	30	37
35	33	38	37	48	41	37	47	57
56	65	64	59	61	73	70	88	119
139	148	137	106	62	90	83	98	127
—	—	—	18	15	18	22	25	34
166	173	189	190	188	169	162	156	181
—	—	—	—	—	—	—	17	17
2613	2707	3041	3047	3038	3103	3035	3499	4305
96	94	112	113	115	116	110	115	134
67	69	58	66	69	69	64	67	70
71	61	63	65	76	80	73	68	79
—	—	—	—	—	—	—	17	20
54	58	66	66	71	69	54	62	66
175	198	230	238	204	146	126	140	149
34	32	35	33	38	35	34	40	44
11	11	15	21	25	22	22	22	27
2	2	4	1	2	3	3	2	2
8	8	8	12	9	13	10	6	11
1	1	1	—	—	—	—	—	—
—	2	1	—	1	1	1	—	3
1	1	5	5	4	4	2	2	5
1	1	—	—	3	2	3	2	4
1	1	1	—	1	3	3	1	2
—	—	1	2	2	1	1	—	—
—	—	—	1	1	—	—	—	—
—	—	—	—	—	1	1	1	1
—	—	—	—	—	—	—	—	2
3135	3246	3641	3670	3659	3668	3542	4044	4924

ACCORDING TO THEIR PURCHASE

1973-74 (6)	1974-75 (7)	1975-76 (8)	1976-77 (9)	1977-78 (10)	1978-79 (11)	1981-82 (12)	1983-84 (13)	1985-86 (14)
800	877	756	753	874	1352	1603	1425	1724
249	279	324	345	371	402	519	536	507
202	215	287	329	377	376	433	492	517
147	145	203	287	288	317	371	416	435
162	162	214	283	277	352	371	404	451
101	103	106	141	160	155	185	195	177
81	72	94	98	99	94	109	110	117
45	48	52	80	79	87	79	90	116
1787	1901	2036	2316	2525	3135	3670	3663	4044

Table-39

AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS

YEAR (1)	Number (2)
1961	101776
1962	106363
1963	113528
1964	115595
1965	122481
1966	126958
1967	135104
1968	139795
1969	144423
1970	146591
1971	147902
1972	148040
1973	150909
1974	154214
1975	157754
1976	162661
1977	168475
1978	176925
1979	184320
1980	192578
1981	199775
1982	206790
1983	212613
1984	220000(P)
1985	225000(P)
1986	229000(P)

(P) Provisional

Source : Ministry of Food and Agriculture (Govt. of India), Govt. of Kerala and Rubber Board

Table-40

RECEIPTS OF THE RUBBER BOARD

(in '000 Rs.)

YEAR	EXCISE DUTY ON RUBBER	Price difference on imported rubber	Repayment of new plan- ting main- tenance loan	-Sales of rubber from experiment stations	Sales of planting materials from nurseries	Recovery of half the cost of fer- tilisers	Others	TOTAL
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1961-62	3366	63	—	—	38	22	63	3552
1962-63	7534	2105	—	—	149	30	70	9888
1963-64	5154	585	—	4	189	77	132	6141
1964-65	11356	23	—	13	318	141	496	12347
1965-66	13560	484	—	22	452	261	589	15368
1966-67	17420	6	—	40	657	269	812	19210
1967-68	16275	219	—	70	877	272	536	18219
1968-69	20520	—	—	72	482	376	643	22091
1969-70	21358	—	—	72	600	431	811	23272
1970-71	22799	—	—	88	567	432	755	24641
1971-72	27035	194	—	85	554	314	795	28577
1972-73	30448	Neg	—	106	672	505	756	32487
1973-74	31512	31	—	34	544	415	818	33354
1974-75	38141	—	—	179	408	590	958	40276
1975-76	36129	—	—	256	810	675	1331	39201
1976-77	48879	—	—	403	779	877	1584	52522
1977-78	53901	—	768	541	681	974	1747	58612
1978-79	57865	—	1032	810	957	1734	992	63390
1979-80	60586	—	1158	1381	1060	1578	1433	67196
1980-81	62483	—	862	1566	1409	1618	1974	69912
1981-82	60286	—	899	2184	1581	2097	2461	69508
1982-83	64120	—	970	2897	1991	2790	2621	75389
1983-84	69173	—	920	4135	2214	1841	2713	80996
1984-85	75691	—	688	4575	2247	1295	3469	87965
1985-86	96260	—	361	3908	2183	1037	6206	109955
1986-87	94191	—	326	3937	1890	262	8580	109186

Table 41

EXPENDITURE OF THE RUBBER BOARD
('000 Rs)

YEAR	Newplanting & maintenance (1) loan	New- planting Subsidy [1979 scheme]	Replanting(2) Subsidy	DEVELOPMENT AND EXTENSION Newplanting/ Replanting Subsidy ['Rubber Planta- tion Develop- ment Scheme']	Additional assistance to Rubber small holders owning upto 6 hectares who partici- pated in schemes under col. [2] & [4]			Maintenances of nurseries and distri- bution of planting materials
					Free supply of planting materials	Subsidy for(3) fertilisers	Subsidy for soil conser- vation work	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1961-62	—	—	2630	—	—	88	2	154
1962-63	—	—	3207	—	—	116	2	455
1963-64	52	—	5368	—	1	50	1	302
1964-65	116	—	5246	—	2	448	1	363
1965-66	188	—	6277	—	5	605	3	649
1966-67	178	—	5159	—	3	611	3	758
1967-68	552	—	6773	—	6	614	3	797
1968-69	851	—	6292	—	13	602	1	353
1969-70	1251	—	5703	—	96	800	2	707
1970-71	1058	—	5519	—	47	1079	2	453
1971-72	859	—	4561	—	22	791	1	521
1972-73	997	—	4359	—	42	931	2	513
1973-74	745	—	3404	—	56	806	5	394
1974-75	482	—	4896	—	213	1225	6	590
1975-76	270	—	6002	—	124	1686	5	761
1976-77	226	—	10009	—	165	1885	7	742
1977-78	184	—	11171	—	187	2364	11	721
1978-79	89	—	14497	—	175	2975	21	1049
1979-80	89	303	15940	—	254	3474	13	1213
1980-81	38	4907	12017	120	402	5255	52	1522
1981-82	47	9994	12909	9011	224	4743	6	1947
1982-83	25	7865	12176	30068	81	4321	4	2333
1983-84	16	5740	7568	42925	28	3108	—	2519
1984-85	12	4541	5680	55328	10	1952	—	3292
1985-86	3	6256	5064	82523	—	1082	4	2425
1986-87	—	3366	2124	113448	5	22	—	3657

- Note : (1) discontinued-expenditure from 1979-80 refers to spillover.
 (2) discontinued-expenditure from 1980-81 refers to spillover.
 (3) 50% of the amount recoverable.

Table- 41 (Contd.)

DEVELOPMENT AND EXTENSION (Contd.)				
YEAR	Extension, Training and Supplies * *	Special Compo- nent Plan and tribal Subplan. (II)	Admini- stration (12)	TOTAL (13)
1961-62	47	—	240	3161
1962-63	64	—	273	4117
1963-64	130	—	447	6351
1964-65	161	—	498	6835
1965-66	357	—	562*	8646
1966-67	615	—	732*	8059
1967-68	2003	—	1335	12083
1968-69	5368	—	1153	14633
1969-70	1580	—	1562	11701
1970-71	1090	—	1798	11046
1971-72	1208	—	1734	9697
1972-73	1397	—	2016	10257
1973-74	1422	—	2166	8998
1974-75	1378	—	2692	11482
1975-76	3987	—	3211	16046
1976-77	4721	—	3363	21118
1977-78	3241	—	3447	21326
1978-79	3436	—	3744	25986
1979-80	1949	—	4878	28113
1980-81	1641	—	6351	32305
1981-82	689	—	7619	47189
1982-83	885	—	10553	68311
1983-84	1086	—	12884	75774
1984-85	1135	—	14550	86500
1985-86	2368	115	18243	118083
1986-87	6649	3736	22337	155344

** Include Cash Subsidy granted to small holders Rs. 1010730 in 1967-68 Rs 4709276 in 1968-69 and Rs. 505963 in 1969-70.

* Excludes expenditure for extension activities.

Table-41 (Contd.)

PROCESSING AND MARKETING						
YEAR	Distribution of rollers under hire purchase scheme	Subsidy to Co-operatives/ small holders for construction of smoke houses	Share capital to co-operatives for establishing processing units undertaking marketing of rubber	Loan to Co-operatives for establishing testing laboratories/ purchasing trucks	Working capital to co-operatives for undertaking marketing of rubber	TOTAL Administration *
	(14)	(15)	(16)	(17)	(18)	(19)
						(20)
1961-62	—	—	—	—	—	—
1962-63	—	1	—	—	—	1
1963-64	—	22	—	—	—	22
1964-65	—	33	—	—	180	213
1965-66	12	7	75	—	307	401
1966-67	90	9	330	—	270	699
1967-68	72	2	50	—	250	374
1968-69	44	—	—	—	—	44
1969-70	52	—	135	—	150	337
1970-71	66	—	40	—	75	181
1971-72	26	—	25	—	50	101
1972-73	2	7	470	—	25	504
1973-74	43	—	300	—	300	643
1974-75	77	30	300	—	999	1406
1975-76	84	28	210	150	244	716
1976-77	65	20	418	250	97	850
1977-78	7	21	30	—	50	817
1978-79	225	56	198	—	122	1439
1979-80	87	42	238	—	112	1302
1980-81	122	55	269	150	525	1023
1981-82	—	13	798	—	170	994
1982-83	—	2	1024	150	1326	2984
1983-84	—	—	540	—	499	1152
1984-85	—	—	1285	300	153	940
1985-86	—	—	750	—	300	2194
1986-87	183c	862cc	1976	—	138	3533

c. Subsidy granted under new Scheme.
cc. New Scheme for improving processing
* Including Pilot black rubber factory

Table-41 (Contd.)

YEAR	Rubber Res- earch cum Development Station South Anda- mans.	North Ea- st Rubber Research Develop- ment Scheme	Research ^c	Labour welfare	General Admini- stration	TOTAL		TOTAL
	(21)	(22)	(23)	(24)	(25)	plan	Non- Plan	
						(26)	(27)	(28)
1961-62	—	—	102	124	280			3959
1962-63	—	—	145	99	314			4690
1963-64	—	—	190	119	457			7269
1964-65	—	—	283	160	499			8499
1965-66	—	—	1014*	175	517			11732
1966-67	—	—	1102*	175	622			10717
1967-68	—	—	887	175	753			15046
1968-69	—	—	1153	200	864			16786
1969-70	—	—	941	186	1064			14266
1970-71	—	—	939	150	1284			13636
1971-72	—	—	970	203	1124			12526
1972-73	—	—	1213	212	1261			13725
1973-74	—	—	1320	221	1344			12835
1974-75	—	—	1951	174	1978	10133	7313	17446
1975-76	449	—	2628	299	2193	14036	9088	23124
1976-77	461	—	3199	301	2381	19056	10196	29252
1977-78	432	—	2926	350	2508	18505	11438	29943
1978-79	487	—	3847	317	2696	24688	12728	37416
1979-80	452	—	5372	400	2852	29338	11881	41219
1980-81	534	—	7660	489	3145	33686	15760	49446
1981-82	827	—	7718	499	3897	48035	17935	65970
1982-83	1021	—	8986	605	4453	72035	20137	92172
1983-84	1136	—	13060	660	5531	78072	25880	103952
1984-85	1573	1253	11509	631	6488	89160	25158	114318
1985-86	1320	6923	14388	805	7627	110064	49570	159634
1986-87	4430	10192	19524	1332	11098	155196	64116	219312

c : Excluding Research Component of NERDS.

* : Includes expenditure for extension activities.

Note : Col. (28) include expenditure for Purchasing land and Construction of buildings. Figures for 1971-72 onwards include CPF/Pension/Leave Salary Contribution and Advance to Employees.

Table-42

PROGRESS IN DISTRIBUTION OF PLANTING MATERIALS

(DISTRIBUTED DIRECTLY BY RUBBER BOARD)

Year	Tjir 1 Clonal Seeds (Nos.)	Tjir 1 Clonal Seedlings (Nos.)	Indigenous Poly Clonal Seedlings (Nos.)	P B I G G I G G 2 Seedlings (Nos.)	Budded Stumps (Nos.)	Green budded Stumps (Nos.)	Budwood (Metres)	Poly bag Plants (Nos.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Upto 1960	23356671	98503	—	—	3209	—	4783	—
1961	688912	22025	—	—	25	—	2638	—
1962	4445344	68180	—	—	326	—	919	—
1963	2788850	356835	—	5320	31012	—	560	—
1964	2641345	253777	—	93990	82964	—	3704	—
1965	4195000	202270	—	172403	63215	—	2890	—
1966	3743745	289285	—	168409	62478	—	—	—
1967	8244751	54500	—	155002	73533	—	1707	—
1968	3087131	289328	14195	92377	101887	—	3067	—
1969	6393246	408528	10000	7099	198233	—	3178	—
1970	3142000	210500	88900	74800	390900	—	2525	—
1971	—	—	149060	250	446729	—	5519	—
1972	—	—	13130	100565	390657	—	4849	—
1973	—	—	25935	52898	349778	—	8999	—
1974	—	—	41285	—	498867	—	11346	—
1975	—	—	2600	—	612975	—	15190	—
1976	—	—	31055	—	744933	—	4442	—
1977	—	—	44953	—	622620	—	9340	—
1978	—	—	6090	—	570361	—	3099	—
1979	—	—	60565	—	968844	—	2482	—
1980	—	—	28980	—	871532	—	12014	4987
1981	—	—	81110	—	903668	77794	14916	551
1982	—	—	35060	—	788383	170733	11433	1870
1983	—	—	49405	—	743763	109681	10148	2852
1984	—	—	—	—	1012372	137887	12510	12459
1985	—	—	—	—	848443	171680	14291	12901
1986	—	—	—	—	1003694	276664	12725	53651

- Note : 1. During 1967, the Board had also distributed 53,464 germinated PBIG/GG Seeds.
 2. The approval for planting Tjir 1 clonal seeds and seedlings has been withdrawn by the Board since 1971.
 3. During 1978, 172851, and during 1982, 1025 stumped buddings were distributed.

Table-42 (Contd.)

VARIETYWISE DISTRIBUTION OF BUDDED STUMPS AND

Variety (1)	1972		1973		1974		1975		1976	
	Budded Stumps (Nos) (2)	Bud wood (Metres) (3)	Budded Stumps (Nos) (4)	Bud wood (Metres) (5)	Budded Stumps (Nos) (6)	Bud wood (Metres) (7)	Budded Stumps (Nos) (8)	Bud wood (Metres) (9)	Budded Stumps (Nos) (10)	Bud wood (Metres) (11)
RRIM 600	225803	1498	230723	4260	282851	5912	346041	5943	384887	1303
RRIM 605	25334	922	10955	1024	19404	1013	38631	447	30005	87
RRIM 623	22544	899	21310	641	29441	1178	48015	997	44745	71
RRIM 628	26357	397	6930	264	42765	424	54975	32	49247	17
GT 1	34385	645	32913	1185	51667	883	64944	1212	127120	1162
PB 5/51	23783	412	31287	885	44042	1048	28558	2023	41290	220
PB 28/59	6530	5	4620	135	9005	77	12223	80	17275	103
PR 107	13106	39	11040	568	15770	636	15479	555	21885	563
RRII 105	760	3	—	4	592	—	2953	3659	15159	81
RRII 118	—	—	—	—	—	—	293	107	2169	10
RRII 203	—	—	—	—	420	4	—	—	2078	130
RRII 208	—	—	—	—	1385	—	863	135	6522	7
Others	2055	29	—	33	1525	171	—	—	2551	788
Total	380657	4849	349778	8999	498867	11346	612975	15190	744933	4542

BUDWOOD BY RUBBER BOARD

1977	1977	1978	1978	1979	1979	1980	1980	1981	1981
Budded Stumps (Nos.) (12)	Bud wood (Metres) (13)	Budded Stumps (Nos.) (14)	Bud wood (Metres) (15)	Budded Stumps (Nos.) (16)	Bud wood (Metres) (17)	Budded Stumps (Nos.) (18)	Bud wood (Metres) (19)	Budded Stumps (Nos.) (20)	Bud wood (Metres) (21)
267446	5371	150883	1127	183774	722	150631	703	123364	2168
19427	5	—	57	—	12	60	—	—	30
14392	3	—	40	—	—	—	—	—	23
10217	10	—	14	—	—	—	—	—	18
190717	1609	225512	1142	299990	2078	196287	4041	123213	7785
34232	1216	46552	—	22210	176	16855	301	225	203
14582	203	12905	30	15790	97	22550	30	—	102
14500	103	—	162	—	—	—	3	125	—
46849	350	119439	152	291519	127	438654	6605	587508	4051
3552	82	15070	142	54949	37	46320	331	25103	506
2069	—	—	—	600	—	—	—	100	30
2395	80	—	69	—	101	—	—	—	—
2242	308	—	163	12	115	175	—	44030	—
622620	9340	570361	3099	868844	3465	871532	12014	903668	14916

Table-42 (Contd.)

PLANTING MATERIALS DISTRIBUTED BY PRIVATE

Variety (1)	1968		1969		1970		1971		1972	
	Budded stumps (Nos) (2)	Bud wood (metres) (3)	Budded stumps (Nos) (4)	Bud wood (metres) (5)	Budded stumps (Nos) (6)	Bud wood (metres) (7)	Budded stumps (Nos) (8)	Bud wood (metres) (9)	Budded stumps (Nos) (10)	Bud wood metres (11)
RRIM 600	47173	4988	115337	5897	52663	2172	337489	7080	447585	12266
RRIM 605	9225	843	25236	528	11128	60	36253	112	15535	446
RRIM 623	13021	1922	30786	3309	18612	563	46601	1463	24505	1230
RRIM 628	2790	—	2733	188	4000	15	10506	105	2683	71
GT1	749	8	3372	836	7159	122	7057	5903	17376	597
PB 5/51	—	—	25	63	711	2	2437	5281	197	
PB 28/59	—	—	—	—	—	—	—	—	—	—
PB 86	17445	457	1677	—	750	349	3844	309	2171	111
PR 107	6519	1066	1190	2784	1400	29	7159	415	1285	307
RRII 105	—	—	—	—	—	—	—	—	—	—
RRII 118	—	—	—	—	—	—	—	—	—	—
LCB 1320	3300	159	50	6	—	—	—	—	200	100
GL1	2753	81	220	54	—	—	445	299	814	48
Tjir 1	655	770	2610	399	10221	20	—	—	—	—
Others	3610	387	450	53	—	76	1490	2	10	140
Total	107240	10681	183686	14117	106644	3408	453407	18125	517445	15513

Note: In addition, distributed Tjir 1 clonal seedlings numbering

NURSERIES APPROVED BY THE BOARD

1973	1974	1975	1976	1977	1978						
Budded Stumps (Nos) (12)	Bud wood (metres) (13)	Budded Stumps (Nos) (14)	Bud wood (metres) (15)	Budded Stumps (Nos) (16)	Bud wood (metres) (17)	Budded stumps (Nos) (18)	Bud wood (metres) (19)	Budded stumps (Nos) (20)	Bud wood (metres) (21)	Budded stumps (Nos) (22)	Bud wood (metres) (23)
751746	31718	1014937	27704	1466680	58993	1099057	43465	462736	22227	370347	11127
12688	981	9827	304	7340	466	3949	196	3090	499	525	1152
9332	855	17240	922	7822	1337	4564	52	3435	438	1200	1128
3023	101	4625	36	865	5	1600	17	1000	76	—	118
22411	1107	17444	4171	87125	4920	333615	18713	391012	23647	433309	17146
816	374	2452	566	5538	1198	8460	1040	8309	1913	12910	1074
—	10	—	42	2145	1131	1620	901	3145	517	3607	1248
1636	152	3371	140	435	327	—	68	—	13	1159	1115
3664	2200	50	467	8730	985	6601	627	4450	267	1977	95
—	—	292	—	—	—	531600	31415	1010835	51959	1742380	67284
—	—	—	—	—	—	20634	1364	32751	3394	59298	2992
—	—	—	—	—	—	—	—	—	—	—	—
2000	—	102	2	—	—	—	—	—	—	—	—
195	—	1041	—	110	16	—	—	—	8	—	—
—	1	—	—	—	1	568	8	850	96	—	25
807511	37499	1071381	34354	1586790	69379	2012268	97866	1921613	105054	2626712	101304

207805 in 1968, 369052 in 1969 and 72681 in 1970.

Table-42 (Contd)

PLANTING MATERIALS DISTRIBUTED BY PRIVATE

Variety	1979		1980		1981	
	Budded Stumps (Nos) (24)	Bud wood (Metres) (25)	Budded Stumps (Nos) (26)	Bud wood (Metres) (27)	Budded Stumps (Nos.) (28)	Bud wood (Metres) (29)
RRIM 600	288693	19893	386449	28593	350288	41970
RRIM 605	—	138	1640	600	2925	818
RRIM 623	—	309	330	349	—	504
GT 1	443018	34635	749349	50686	760594	74350
PB 5/51	13935	1536	6260	2812	8539	2774
PB 28/59	2612	746	19393	4503	16880	3476
PB 86	21940	123	5675	123	1217	256
PR 107	361	1072	1520	708	550	1931
RRII 105	2723064	93533	5232148	193357	6700524	279866
RRII 118	82963	8796	135635	6619	151945	17206
Others	10938	627	18526	586	3020	8453
Total	3557524	161408	6556925	288936	7996482	431604

NURSERIES APPROVED BY THE BOARD

1982		1983		1984		1985	
Budded stumps (Nos) (30)	Bud wood (metres) (31)	Budded stumps (Nos) (32)	Bud wood (metres) (33)	Budded stumps (Nos) (34)	Bud wood (metres) (35)	Budded stumps (Nos) (36)	Bud wood (metres) (37)
543644	16939	220454	7364	295226	13175	249864	23302
500	388	—	—	—	50	—	—
—	10	—	17	—	211	—	10
585962	37271	581916	92035	511035	41242	186620	21938
7195	1808	3597	1943	19627	1830	21435	1676
11489	2313	4517	2034	16418	1481	5463	1550
—	—	1000	289	1295	205	1295	230
460	58	—	276	—	55	50	30
8531945	328350	10214797	462421	12947701	581744	7096588	376507
91200	7384	15105	1359	6135	2050	153990	155
4594	4589	6069	690	1950	816	20	76
9776989	399110	11047455	568428	13789387	642859	7715325	425474

Note: In addition distributed polybag plants numbering 120843 in 1982; 490476 in 1983; 958478 in 1984 and 1583822 in 1985.

Table-43

PROGRESS OF CO-OPERATIVE SOCIETIES DEALING IN RUBBER

Y. AR (1)	No. of Societies (2)	Rubber Marketed (in tonnes) (3)
1963-64	6	275
1964-65	11	660
1965-66	16	1778
1966-67	18	3027
1967-68	23	5990
1968-69	23	3978
1969-70	25	4284
1970-71	37	10651
1971-72	58	14510
1972-73	58	18513
1973-74	60	7045
1974-75	62	4350
1975-76	62	5545
1976-77	64	9866
1977-78	54	7878
1978-79	52	6875
1979-80	50	10200
1980-81	53	9336
1981-82	54	11067
1982-83	58	11077
1983-84	59	11984
1984-85	60	12960
1985-86	62	21036
1986-87	116	24651

Table-44

INDEX NUMBERS OF AGRICULTURAL PRODUCTION
(Base: Triennium ending 1969-70=100)

Year	Rubber	Tea	Coffee	Plantation Crops	Rice	Wheat	Food grains	Non-Food grains	All- Crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1949-50	22.0	67.5	34.9	60.2	64.1	37.4	63.4	58.8	62.2
1950-51	20.6	70.1	39.2	62.7	56.3	37.8	57.1	62.0	58.5
1951-52	20.8	74.0	39.3	65.9	57.7	35.2	57.7	64.2	59.4
1952-53	23.4	77.9	44.0	69.8	62.0	42.2	63.7	60.6	62.9
1953-54	29.0	67.9	51.2	62.9	76.0	44.9	75.1	62.0	71.0
1954-55	28.1	74.5	53.0	68.4	67.8	50.7	72.5	71.4	72.2
1955-56	32.2	72.4	68.5	68.6	73.2	49.2	72.6	70.1	71.9
1956-57	33.6	79.1	71.2	74.5	77.1	52.7	75.9	77.2	76.2
1957-58	30.8	78.1	80.2	74.4	67.8	44.3	68.8	76.1	70.2
1958-59	35.2	80.6	84.1	77.2	81.7	55.1	82.1	82.5	82.8
1959-60	34.7	82.8	90.6	79.6	81.2	57.2	80.4	79.6	80.1
1960-61	36.7	81.6	86.1	78.3	88.3	60.9	86.1	88.1	86.7
1961-62	39.6	90.1	80.5	84.9	90.8	66.9	86.8	86.9	86.8
1962-63	46.0	88.1	83.0	84.1	85.2	59.7	83.8	88.6	85.3
1963-64	52.6	89.0	89.2	85.2	94.5	54.6	85.3	91.3	87.2
1964-65	62.9	94.6	93.9	99.9	100.4	67.9	94.3	102.5	96.9
1965-66	69.7	93.1	98.5	91.7	78.1	57.6	75.8	91.3	80.8
1966-67	75.6	95.5	121.0	96.5	77.8	63.2	77.1	88.5	80.7
1967-68	88.9	97.7	88.5	96.1	96.1	91.7	98.7	99.0	98.9
1968-69	98.0	102.3	113.4	103.0	101.1	96.9	97.3	97.4	97.3
1969-70	113.1	100.0	98.1	100.9	102.8	111.4	104.0	103.6	103.8
1970-71	127.1	106.4	170.1	114.8	107.4	132.1	112.9	108.6	111.5
1971-72	139.6	110.7	106.4	112.7	110.2	145.4	111.4	110.8	111.2
1972-73	155.1	115.9	140.7	121.8	100.4	137.1	102.3	102.1	102.2
1973-74	172.7	120.0	133.4	125.8	112.7	120.7	110.3	117.1	112.4
1974-75	179.5	124.4	142.8	130.9	101.3	133.6	104.3	118.0	108.6
1975-76	190.2	123.7	129.6	129.9	124.7	159.9	127.2	120.5	125.1
1976-77	206.5	130.0	157.8	139.3	107.2	160.8	115.7	117.5	116.3
1977-78	202.9	141.3	192.8	151.9	134.7	176.0	133.6	131.6	132.9
1978-79	186.8	143.2	170.4	149.7	137.5	196.8	139.3	135.3	138.0
1979-80	205.0	140.2	230.9	155.1	108.3	176.4	141.8	121.9	117.0
1980-81	211.4	144.7	182.9	154.3	137.2	201.2	137.5	130.5	135.3
1981-82	211.1	142.2	231.3	157.4	136.2	207.4	140.5	148.0	142.9
1982-83	229.0	142.4	200.5	155.7	120.5	237.0	135.8	141.1	137.5
1983-84	242.0	147.7	161.9	157.1	153.7	251.9	161.1	146.4	156.4
1984-85	257.5	162.5	303.8	185.3	149.2	244.1	154.3	155.3	154.6
1985-86	276.8	167.0	303.8*	190.6	164.1	259.7	161.7	150.0	158.0

*Provisional
Source: Directorate of Economics & Statistics,
Ministry of Agriculture.

Table- 45

INDEX NUMBERS OF PRODUCTIVITY
(Base : Triennium ending 1969-70=100)

YEAR	Rubber	Tea	Coffee	Plantation crops	Rice	Wheat	Food- grains	Non-Food grains	All crops
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1949-50	80.6	77.3	50.9	74.9	77.4	60.8	79.2	91.6	82.1
1950-51	90.0	80.0	55.2	77.9	67.3	61.6	72.5	87.0	77.1
1951-52	89.7	84.7	54.3	81.8	71.3	59.0	74.1	83.1	76.4
1952-53	55.9	88.9	59.9	86.3	76.3	68.2	79.3	82.3	80.1
1953-54	86.6	78.4	76.5	78.5	89.5	66.6	88.1	89.8	88.5
1954-55	80.7	84.3	74.9	83.5	81.4	71.4	85.3	92.8	87.2
1955-56	92.0	81.9	95.3	83.4	85.7	63.2	82.9	86.4	83.7
1956-57	94.6	90.0	99.3	91.0	88.3	61.8	84.8	90.8	86.4
1957-58	75.7	87.5	106.2	88.7	77.6	59.9	78.6	89.7	81.6
1958-59	59.9	90.0	101.8	89.9	91.0	69.3	89.8	96.4	91.5
1959-60	61.3	90.0	106.8	89.9	88.4	67.8	86.0	90.1	87.2
1960-61	61.7	88.5	99.0	88.0	95.6	74.8	92.9	97.1	94.2
1961-62	61.3	97.7	89.4	84.6	97.1	78.2	92.0	92.1	92.0
1962-63	68.4	95.2	92.5	93.3	87.9	69.7	87.4	94.6	89.6
1963-64	68.9	94.6	95.9	92.9	97.6	64.2	89.3	96.5	91.6
1964-65	91.3	100.5	94.1	99.2	101.9	80.3	98.0	103.1	99.7
1965-66	77.2	95.1	99.2	94.1	81.5	72.6	81.3	89.5	84.2
1966-67	83.1	96.8	122.8	98.4	81.7	78.1	82.5	90.9	85.3
1967-68	94.6	100.2	89.5	98.7	97.7	97.0	99.9	101.3	100.4
1968-69	59.1	101.4	112.9	102.3	101.3	96.5	98.1	98.3	98.2
1969-70	106.2	98.4	97.6	99.0	101.0	106.5	102.0	100.4	101.4
1970-71	112.2	104.5	162.0	111.3	105.8	115.0	109.4	104.8	107.9
1971-72	116.5	103.0	99.2	108.0	108.0	121.4	107.7	106.7	107.5
1972-73	124.8	112.4	123.6	114.9	101.2	111.8	101.2	100.4	100.9
1973-74	130.0	115.9	110.8	116.7	100.9	103.2	104.9	109.2	106.3
1974-75	130.9	119.6	118.0	120.5	98.9	117.8	102.2	108.9	104.4
1975-76	132.8	118.5	97.4	117.4	116.9	124.1	117.1	112.4	115.6
1976-77	138.7	124.2	108.0	123.5	103.0	122.1	108.9	108.9	109.0
1977-78	132.4	134.2	129.4	133.3	123.7	130.3	122.1	114.8	119.5
1978-79	122.6	135.0	112.0	131.7	125.7	138.0	125.5	115.7	122.2
1979-80	132.8	130.5	149.2	133.7	101.6	126.4	106.2	110.1	107.6
1980-81	135.8	131.8	112.3	129.4	126.3	143.4	125.7	116.5	122.7
1981-82	134.2	123.7	137.5	130.6	123.7	148.8	126.3	124.1	125.6
1982-83	143.0	125.6	114.1	125.7	116.4	159.7	125.6	118.9	123.3
1983-84	147.0	129.7	89.8	125.7	137.7	162.1	149.6	124.3	141.0
1984-85	152.6	141.9	167.1	146.9	133.9	164.5	148.2	133.5	143.1
1985-86	154.6	145.9*	167.1*	150.1	148.2	178.7	155.5	128.9	146.3

*Provisional

Source: Directorate of Economics & Statistics,
Ministry of Agriculture.

Table-46

INDEX NUMBERS OF INDUSTRIAL PRODUCTION

ITEM (1)	1975 (2)	1976 (3)	1977 (4)	1978 (5)	1979 (6)	1980 (7)	1981 (8)	1982 (9)	1983 (10)	1984 (11)	1985 (12)
(Base: 1970 = 100)											
Mining and Quarrying	127.9	136.8	139.9	142.1	148.5	144.2	171.3*	188.7*	212.3*	229.2*	240.1*
Manufacturing	116.0	128.5	135.1	144.3	144.6	146.1	157.6	162.8	170.2	180.3	191.2
Food Groups	106.0	110.8	118.4	138.4	130.0	123.2	141.7	169.3	169.0	158.4	163.8
Textiles Group	101.3	105.7	103.3	109.7	110.0	115.3	116.2	102.5	108.7	110.5	117.9
Paper & Paper Products	108.5	111.8	112.8	121.0	124.0	131.0	148.0	152.7	143.4	171.7	185.8
RUBBER PRODUCTS	123.1	121.7	127.9	143.2	142.7	150.3	152.6	163.5	179.2	193.9	198.8
Chemical & Chemical Products	132.8	155.4	171.6	182.6	187.3	183.3	207.6	217.0	226.7	251.0	259.2
Fertilizers	180.0	225.5	282.9	299.8	328.6	324.7	416.2	461.6	458.7	545.2	598.6
Products of Petroleum & Coal	119.6	124.8	132.7	140.9	153.4	137.4	160.6	174.8	187.9	191.6	222.8
Basic Metal Industries	116.4	139.7	144.8	144.9	138.9	133.7	148.2	158.2	162.4	171.0	181.5
Iron & Steel basic Industries	122.8	147.5	152.3	151.7	143.2	138.3	153.4	163.6	166.3	167.8	180.6
Machinery except Electrical	159.6	165.0	179.8	202.2	204.9	220.1	234.1	239.2	266.7	286.3	289.0
Electrical Machinery	120.3	129.9	145.5	151.2	163.3	170.0	180.0	180.2	175.9	187.7	201.2
Transport Equipments	106.3	129.5	124.5	124.6	125.5	130.2	142.9	142.4	176.9	192.2	210.3
Electricity	138.6	160.3	165.4	183.6	193.0	197.3	220.5	236.0	245.5	279.7	302.4
GENERAL INDEX (Crude)	119.2	132.3	136.3	147.7	149.5	150.6	164.7	172.1	131.2	194.2	206.2

* Provisional

Source : 'Monthly Abstract of Statistics' published by the Central Statistical Organisation.

Table- 47

INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES
(Base 1970-71 = 100)

COMMODITIES (1)	1980-81 (2)	1981-82 (3)	1982-83 (4)	1983-84 (5)	1984-85 (6)	1985-86 (7)	1986-87 (8)
Rice	205.6	226.1	256.9	292.0	273.3	284.4	302.1
Wheat	176.2	191.6	214.1	218.0	209.6	225.9	238.6
Tapioca	219.8	239.5	351.8	392.3	285.8	409.9	492.1
Bananas	213.9	263.4	258.7	296.3	350.1	362.8	432.3
Cashewnuts	399.3	493.6	397.3	442.7	542.2	625.7	803.9
Black pepper	202.7	209.3	193.1	241.4	374.6	605.1	785.0
Tea	226.6	242.9	287.6	441.0	494.3	412.9	423.0
Coffee	129.0	139.0	142.1	173.0	216.8	221.9	228.1
Raw Cotton	182.9	227.3	199.4	221.6	261.0	215.5	184.7
Raw Jute	129.4	137.3	163.2	234.6	519.5	273.2	171.4
Sugarcane	188.6	189.9	190.6	200.0	208.1	229.6	251.4
Tobacco Raw	147.0	138.8	188.1	238.9	190.0	200.8	230.0
Petrol	430.7	505.5	517.5	522.7	531.3	612.2	642.6
Rubber	255.0	301.2	296.6	359.4	333.6	349.2	336.5
Synthetic rubber	174.4	190.1	199.6	201.5	224.1	252.6	275.5
Rubber Products	248.8	284.1	306.1	316.6	335.3	360.6	381.6
Tyres & Tubes	252.1	291.0	315.5	325.2	344.7	372.3	389.2
Camel back	236.3	265.8	284.4	291.6	294.4	294.8	308.9
Rubber & Plastic Shoes	158.4	158.4	161.5	162.6	164.1	164.1	201.7
Rubber belting	266.1	291.8	301.4	323.8	363.0	396.1	435.3
Hoses	354.8	399.5	426.2	461.6	473.7	502.8	562.9
Sponge Rubber	226.2	259.3	282.4	282.4	282.4	282.4	282.4
Fertilisers	242.7	273.6	277.7	267.5	262.5	266.9	288.8
Insecticides	328.6	351.8	396.2	425.9	430.6	441.8	469.3
Rubber Chemicals	380.8	418.3	462.8	486.3	498.0	587.2	651.5
Carbon black	532.7	664.0	685.7	678.6	689.3	826.4	826.4
Transport Equipments	263.0	298.0	308.7	307.4	323.6	372.2	389.7
Cars	302.4	363.1	375.5	383.2	405.4	427.8	492.0
Trucks	275.9	312.6	316.3	305.1	322.9	367.4	398.5
Buses	274.8	300.3	300.8	290.2	286.4	310.6	310.6
Scooters	224.2	244.7	260.9	263.8	279.3	310.5	327.4
Cycles	184.4	198.4	206.6	216.5	234.2	264.6	267.1
Manufactured Products	257.3	270.6	272.1	295.8	319.5	342.6	359.4
All Commodities	257.3	281.3	288.6	316.0	338.4	357.8	376.8

Source: Office of the Economic Adviser, Ministry of Industry

Table-48

AREA, PRODUCTION, CONSUMPTION, IMPORT AND EXPORT OF
NATURAL RUBBER FROM 1902 TO 1950

YEAR (1)	AREA (Hectares) (2)	PRODUCTION (Tonnes) (3)	CONSUMPTION (Tonnes) (4)	IMPORT (Tonnes) (5)	EXPORT (Tonnes) (6)
1902	200	...	—	—	—
1910	11900	80	—	—	—
1925	30900	6400	—	—	—
1930	32323	6528	—	—	—
1935	49633	12498	—	458	15723*
1936	50426	13811	—	611	15296*
1937	50856	14649	7287	3250	9719
1938	52642	14091	5740	2357	9065
1939	54348	14238	7124	3395	10581
1940	55970	16117	11224	3380	9056
1941	55982	15602	13461	5915	6647
1942	56027	16218	14628	548	567
1943	57955	16671	10801	847	1231
1944	59681	17629	12304	32	3048
1945	61612	16690	15477	62	2298
1946	62521	15967	14262	172	304
1947	62987	14681	17272	1745	—
1948	65376	15669	20035	6240	6
1949	67913	15836	19499	1404	836
1950	69001	15849	18019	4170	964

* Including Burma also.

Note : Figures under Col. (5) and (6) relate to financial year.

— : Not available.

Source : (i) For figures up to 1947 — Indian Rubber Statistics published by the Govt. of India.
(ii) For figures, 1948, 49 & 50 — Rubber Board.

WORLD RUBBER STATISTICS

Table-49

AREA UNDER RUBBER IN PRINCIPAL TERRITORIES

(In Thousand Hectares)

TERRITORY (1)	End of (2)	Small Holdings (3)	Estates (4)	Total (5)
Indonesia	1977	1862.0	465.6	2327.6
Malaysia	1985	1519.9	428.8	1948.7
Thailand	1979	1442.1	75.9	1518.0
China	1982	—	—	453.0
India	1985	—	—	369.3
Sri Lanka	1975	122.0	105.6	227.6
Nigeria	1982	—	—	185.0
Liberia	1973	43.1	76.7	119.8
Zaire	1959	25.4	67.6	93.0
Viet-Nam	1983	—	—	115.2
Burma	1984	—	—	76.0
Philippines	1983	—	57.7	57.7
Cote d'Ivoire	1982	—	—	41.5
Cameroon U.R.	1982	—	—	36.0
Brazil	1965	10.2	9.8	20.0*
Kampuchea	1984	—	—	19.0*

Note: Estate areas refer to holding of 40 ha. and over in most cases.

* Estimated Figures

Source: International Rubber Study Group.

Table 50

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

COUNTRY (1)	1975 (2)	1976 (3)	1977 (4)	1978 (5)	1979 (6)	1980 (7)
Malaysia	1459.3	1612.4	1588.0	1582.4	1570.1	1530.0
Indonesia	822.5	847.5	835.0	902.0	905.0	1020.0
Thailand	355.0	411.9	430.9	467.0	531.2	501.1
Sri Lanka	148.8	152.1	146.2	155.7	152.7	133.2
Vietnam	20.0	32.5	35.0	45.0	43.2	45.8
Kampuchea*	10.0	20.0	15.0	18.0	10.0	—
India	136.0	147.8	151.6	133.0	147.2	155.4
China	68.6	78.8	91.7	101.6	108.3	113.0
Brazil	19.3	20.3	22.6	23.7	25.0	27.8
Liberia	82.8	82.4	80.0	72.5	75.0	77.5
Nigeria*	67.8	52.5	59.3	53.5	51.2	47.0
Others	124.7	125.8	169.2	168.2	171.3	180.2
Total †	3315	3585	3625	3770	3870	3850

COUNTRY	1981 (8)	1982 (9)	1983 (10)	1984 (11)	1985 (12)	1986 (13)
Malaysia	1510.2	1494.2	1563.7	1530.6	1459.2	1541.9
Indonesia	867.5	880.0	997.2	1115.6	1100.0	1037.5
Thailand	504.0	552.2	587.2	628.6	725.7	773.2
Sri Lanka	123.9	126.2	140.0	141.9	137.5	137.8
Vietnam	45.3	44.9	84.0	55.0*	52.5	60.0*
Kampuchea*	5.0	9.0	12.0	13.4	16.0	18.0
India	150.7	165.9	168.0	183.9	198.3	219.0
China	127.7	152.6	172.4	188.8	187.9	205.0(P)
Brazil	30.3	32.8	35.2	36.0	40.4	41.0*
Liberia	72.2	68.0	76.5	86.4	84.4	88.7
Nigeria*	48.5	47.0	50.0	51.0	51.6	55.0
Others	214.7	177.2	179.8	228.8	276.5	252.9
Total †	3700	3750	4030	4260	4330	4430

*Estimated, P-Provisional

†Including allowances for discrepancies in officially reported statistics.

Source: "Rubber statistical Bulletin" of International Rubber Study Group.

Table-51

CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

COUNTRY (1)	1975 (2)	1976 (3)	1977 (4)	1978 (5)	1979 (6)	1980 (7)
U.S.A.	665.9	686.7	801.8	770.8	740.4	585.5
Japan	285.2	302.0	320.0	355.0	390.0	427.0
China*	225.0	240.0	280.0	325.0	345.0	340.0
F. R. Germany	197.1	195.2	176.5	184.9	184.5	179.7
U. K.	170.5	168.3	172.4	139.2	137.5	130.8
France	156.2	166.8	163.6	163.2	177.0	187.7
India	129.1	135.5	142.8	158.2	167.7	170.8
Italy	118.0	135.0	128.0	113.0	128.0	132.0
Canada*	72.3	84.7	90.4	89.1	93.8	80.0
Eastern Europe*	475.0	460.0	425.0	425.0	430.0	415.0
Australia	49.9	50.0	41.4	41.1	45.4	42.2
Brazil	58.7	66.1	71.4	72.5	75.9	81.1
Netherlands	22.6	21.9	21.2	18.7	20.4	20.1
Others	710.0	750.0	802.5	855.0	902.5	969.7
Total†	3368	3505	3715	3725	3870	3760

COUNTRY	1981 (8)	1982 (9)	1983 (10)	1984 (11)	1985 (12)	1986 (13)
U.S.A.	635.0	585.0	665.0	750.7	764.0	745.0
Japan	436.0	439.0	504.0	525.0	539.5	535.0
China*	275.0	305.0	365.0	402.0	415.0	420.0
F.R. Germany	169.1	171.2	179.5	190.0	202.2	198.7
U. K.	120.0	118.0	120.0	118.0	126.0	130.0
France	169.0	158.0	163.0	162.0	156.0	158.7
India	181.9	197.0	205.4	212.5	232.7	251.7
Italy	123.0	123.0	111.0	117.0	127.0	133.0
Canada*	82.0	76.0	87.0	102.0	95.0	86.0
Eastern Europe*	400.0	370.0	405.0	390.0	395.0	375.0
Australia	41.9	36.4	30.9	35.9	35.8	30.6*
Brazil	74.4	67.8	70.2	88.7	97.6	NA
Netherlands	19.0	17.9	16.4	11.7	11.9	12.2
Others	973.7	995.5	1070.2	1134.5	1157.3	1309.1
Total †	3700	3660	3995	4240	4355	4385

* Estimated

† Including allowances for discrepancies in officially reported statistics.

Source: 'Rubber Statistical Bulletin' of the International Rubber Study Group.

Table-52

PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

COUNTRY (1)	1975 (2)	1976 (3)	1977 (4)	1978 (5)	1979 (6)	1980 (7)
U. S. A.	1989.5	2425.5	2660.0	2661.7	2720.3	2214.8
U. S. S. R. *	1600.0	1700.0	1800.0	1950.0	2025.0	2040.0
Japan	788.7	941.3	971.0	1028.9	1107.2	1094.1
F. R. Germany	315.9	372.6	414.3	407.0	418.5	389.9
France	350.4	437.0	478.9	491.5	541.4	510.8
U. K.	260.8	320.4	329.2	293.7	277.7	211.8
Italy*	200.0	250.0	240.0	250.0	270.0	250.0
Netherlands	215.9	246.6	240.0	222.8	238.4	211.7
Belgium *	65.0	115.0	119.0	124.0	125.0	115.0
Czechoslovakia	56.7	57.0	58.8	58.9	59.3	60.0
Canada	173.3	209.9	237.9	248.3	282.5	252.8
German Democratic Republic	143.9	145.5	147.0	161.0	155.0	163.0
China	56.7	59.9	77.6	101.9	121.0	123.0
Spain	66.1	73.3	87.1	86.3	86.7	81.1
Australia*	37.6	42.2	43.5	43.5	42.8	46.0
Brazil	128.8	164.4	188.1	206.1	223.8	249.1
India	23.0	23.3	27.4	28.3	32.1	22.5
South Africa	31.8	34.6	27.2	31.8	31.2	38.7
Argentina	40.0	45.0	36.0	29.7	38.7	33.4
Mexico	60.0	69.5	62.6	80.3	84.4	90.8
Poland	107.9	116.9	119.4	125.6	129.9	117.9
Romania	98.9	95.2	136.2	147.5	148.8	150.4
Total +	6850	8025	8615	8955	9370	8695

* Estimated, + Including other countries not reported separately.
 Source: "Rubber Statistical Bulletin" of International Rubber Study Group

Table-52 (Contd.)

	1981 (8)	1982 (9)	1983 (10)	1984 (11)	1985 (12)	1986 (13)
U. S. A.	2225.1	1817.2	1987.4	2218.6	2026.0	2145.0
U. S. S. R.*	2000.0	1950.0	1970.0	2085.0	2125.0	2250.0
Japan	1010.3	930.7	1002.5	1160.5	1158.0	1150.1
F. R. Germany	396.8	383.8	418.0	437.6	447.6	452.5
France	487.3	479.4	514.1	551.2	544.2	542.1
U. K.	226.2	246.3	262.3	288.9	269.7	289.4
Italy*	235.0	210.0	220.0	215.0	225.0	235.0
Netherlands	210.8	202.7	196.0	207.4	234.7	209.4
Belgium*	108.0	100.0	108.0	110.0	110.0	110.0
Czechoslovakia	63.2	66.4	67.2	71.0	69.7	76.1
Canada	263.3	181.7	182.0	217.8	209.2	187.1
German Democratic Republic	155.0	148.0	161.0	137.0	161.0	70.0
China	124.9	136.0	167.0	173.4	171.3	186.6
Spain	69.0	68.0	65.0	67.0	71.6	74.0
Australia*	43.0	43.0	32.7	32.8	31.2	35.7
Brazil	222.9	228.1	220.9	258.4	265.9	NA
India	28.7	31.6	31.1	37.6	36.8	34.8
South Africa	36.5	32.4	27.5	42.4	42.8	44.9
Argentina	30.2	45.9	47.8	47.0	48.0	50.0
Mexico	104.3	100.3	123.6	139.4	145.7	148.0
Poland	111.1	99.9	119.7	119.4	126.0	116.1
Romania	145.7	137.5	147.2	159.3	155.9	162.0
Total +	8545	7875	8335	9120	9005	9270

* Estimated, + Including other countries not reported separately. NA: Not Available.
Source: "Rubber Statistical Bulletin" of International Rubber Study Group

Table-53

CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

COUNTRY (1)	1975 (2)	1976 (3)	1977 (4)	1978 (5)	1979 (6)	1980 (7)
U.S.A.	1963.7	2172.2	2645.2	2519.2	2501.1	1980.0
Japan	584.8	658.0	690.0	741.0	830.0	885.0
Germany F.R.	359.9	438.3	431.2	429.5	447.1	421.3
France	277.7	286.1	294.9	296.2	317.8	341.9
U. K.	266.3	327.4	321.0	313.4	301.1	248.2
Italy	220.0	260.0	275.0	265.0	285.0	288.0
Netherlands	56.9	53.3	52.8	52.6	69.9	69.9
Eastern Europe*	2000.0	2100.0	2250.0	2400.0	2485.0	2560.0
China (P)	55.0	60.0	70.0	85.0	95.0	155.0
Australia	50.1	57.1	53.0	57.5	50.7	58.7
Brazil	176.3	201.6	204.7	222.0	225.4	243.8
Canada*	179.3	203.9	207.1	203.9	232.0	200.0
India	32.0	33.4	34.5	37.5	38.4	46.2
Total †	7028	7915	8615	8770	9125	8785

COUNTRY	1981 (8)	1982 (9)	1983 (10)	1984 (11)	1985 (12)	1986 (13)
U.S.A.	2022.0	1765.0	1882.5	2062.3	1999.0	2075.0
Japan	851.0	797.0	851.0	915.0	947.5	910.0
Germany F.R.	396.2	386.9	395.8	403.0	411.3	426.0
France	303.4	265.2	276.6	287.0	311.8	301.6
U. K.	247.0	232.0	228.0	247.0	238.0	235.0
Italy	265.0	250.0	245.0	263.0	276.5	285.0
Netherlands	66.7	63.1	65.7	62.0	58.8	57.1
Eastern Europe*	2485.0	2430.0	2500.0	2710.0	2747.0	2800.0
China (P)	155.0	170.0	180.0	211.0	245.0	260.0
Australia	57.9	56.1	43.2	47.5	46.3	48.3
Brazil	201.3	194.7	199.2	223.0	234.9	NA
Canada*	210.0	182.0	195.0	208.0	173.0	190.2
India	43.6	50.0	53.0	57.3	70.4	69.4
Total †	8565	8035	8360	9030	9045	9230

*Estimated, NA: Not Available, P: Provisional

† Including allowances for discrepancies in officially reported statistics and those countries

not reported separately.

Source: "Rubber statistical Bulletin" of International Rubber Study Group.

Table-54

PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER

(In Thousand Metric Tonnes)

YEAR	NATURAL RUBBER			SYNTHETIC RUBBER				
	New Supply *	Consumption @	Excess (+) or Deficiency (-) compared with consumption	Stock at the end of the year	Production **	Consumption +	Excess (+) or Deficiency (-) compared with consumption	Stock at the end of the year
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1971	3102	3092	+ 10	1485	6215	6185	+ 30	1490
1972	3168	3230	- 62	1420	6765	6730	+ 35	1525
1973	3570	3402	+ 168	1585	7760	7575	+ 185	1710
1974	3520	3518	+ 2	1590	7575	7450	+ 125	1835
1975	3330	3368	- 38	1550	6850	7028	- 178	1655
1976	3590	3505	+ 85	1635	8025	7915	+ 110	1765
1977	3625	3715	- 90	1535	8615	8615	—	1765
1978	3755	3725	+ 30	1555	8910	8770	+ 140	1905
1979	3860	3870	- 10	1545	9330	9125	+ 205	2110
1980	3850	3760	+ 90	1635	8695	8785	- 90	1910
1981	3700	3700	—	1635	8545	8565	- 20	1890
1982	3750	3660	+ 90	1725	7875	8035	- 160	1730
1983	4030	3995	+ 35	1760	8335	8360	- 25	1705
1984	4260	4240	+ 20	1780	9120	9030	+ 90	1795
1985	4330	4355	- 25	1755	9005	9045	- 40	1755
1986	4430	4385	+ 45	1800	9210	9230	- 20	1735

* Production (vide table 50) plus deliveries from Government Stockpiles.

@Vide table 51

**Vide table 52

+Vide table 53

Table-55

CONSUMPTION OF SYNTHETIC RUBBER AS PERCENTAGE TO TOTAL CONSUMPTION
OF NATURAL & SYNTHETIC RUBBER IN MAJOR CONSUMING COUNTRIES

YEAR (1)	U.S.A. (2)	U.K. (3)	France (4)	F. R. Germany (5)	Italy (6)	Netherlands (7)	Eastern Europe (p) (8)
1971	78.4	59.8	64.0	65.1	63.1	71.4	72.1
1972	78.2	61.5	65.0	65.3	65.1	71.0	74.5
1973	77.4	63.9	65.3	68.3	66.7	72.5	76.7
1974	75.0	62.5	65.5	67.6	67.1	71.5	78.3
1975	74.7	61.0	64.0	64.6	65.1	71.6	80.8
1976	76.0	66.1	63.2	69.2	65.8	70.9	82.0
1977	76.7	65.1	64.3	71.0	68.2	71.4	84.1
1978	76.6	69.2	64.5	69.9	70.1	73.7	85.0
1979	77.2	68.7	64.2	70.8	69.0	77.4	85.3
1980	77.2	65.5	64.6	70.1	68.6	77.6	86.1
1981	76.1	67.3	64.5	70.1	68.3	77.8	86.1
1982	75.1	66.3	62.8	69.3	67.0	77.8	86.8
1983	73.9	65.5	64.0	68.8	68.9	80.0	86.1
1984	73.3	67.7	63.9	68.0	69.1	84.1	87.1
1985	72.3	65.4	66.7	67.0	68.5	83.2	87.4
1986	73.6	64.4	65.5	68.2	68.2	82.4	88.2

	China (p) (9)	Australia (10)	Brazil (11)	Canada (12)	India (13)	Japan (14)	World (15)
1971	19.2	59.7	70.0	75.3	28.3	64.0	66.7
1972	19.2	55.5	72.1	74.1	27.4	65.3	67.6
1973	19.4	55.8	74.5	75.5	16.7	67.9	69.0
1974	19.4	52.1	74.2	74.1	13.9	66.3	67.9
1975	19.6	50.1	75.0	71.3	19.9	67.2	67.6
1976	20.0	53.3	75.3	70.7	20.0	68.5	69.3
1977	20.0	56.1	74.2	69.6	19.5	68.3	69.9
1978	26.1	58.3	75.4	71.2	20.4	67.6	70.2
1979	30.3	52.8	74.8	71.4	19.0	68.0	70.3
1980	31.3	58.2	75.0	71.9	21.3	67.4	70.0
1981	36.0	58.0	73.0	71.9	19.4	66.1	69.8
1982	35.8	60.7	74.2	70.5	20.2	64.5	68.7
1983	33.0	58.2	73.9	69.2	20.4	62.8	67.7
1984	34.4	57.0	71.5	67.1	21.2	63.5	68.0
1985	37.1	56.4	70.6	64.5	23.2	63.7	67.5
1986	38.2	61.2	NA	68.9	21.6	63.0	67.8

P: Provisional, N. A: Not Available.

Source: "Rubber Statistical Bulletin" of International Rubber Study Group.

Table 56

ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER

(kg.)

Country (1)	1954 (2)	1960 (3)	1966 (4)	1969 (5)	1972 (6)	1975 (7)	1978 (8)	1981 (9)	1982 (10)	1983 (11)	1984 (12)	1985 (13)
U S A	7.71	8.76	11.41	13.15	14.26	12.31	14.92	11.56	10.12	10.86	11.89	11.55
Canada	4.76	5.16	7.79	8.50	10.69	11.07	12.47	12.05	10.47	11.32	12.33	10.56
F. R. Germany	3.04	4.77	6.43	8.53	9.01	9.01	10.02	9.17	9.05	9.37	9.69	10.05
France	3.36	4.85	6.12	7.56	8.86	8.22	8.62	8.54	7.78	7.91	8.17	8.48
U. K.	5.08	5.74	6.99	8.22	8.11	7.82	8.11	6.09	6.17	6.20	6.56	6.43
Japan	1.09	2.47	4.43	6.73	8.40	7.80	9.54	10.94	10.43	11.36	12.00	12.32
Australia	5.17	6.17	6.12	7.58	7.91	7.26	6.92	6.69	6.08	4.82	5.37	5.21
Netherlands	2.00	2.84	3.72	3.78	6.01	5.82	5.12	6.02	5.66	5.71	5.11	4.90
Italy	1.41	2.68	4.30	5.25	6.21	6.05	6.67	6.78	6.57	6.26	6.67	7.07
Brazil	0.68	0.88	0.99	1.18	1.62	2.21	2.55	2.27	2.07	2.08	2.35	2.46
China	0.08	0.16	0.26	0.30	0.30	0.31	0.41	0.38	0.46	0.51	0.58	0.62
India	0.07	0.12	0.18	0.22	0.25	0.27	0.31	0.33	0.34	0.35	0.36	0.40

Table-57

WORLD PRICE OF NATURAL RUBBER
(Average Price for RSS 3 per 100 Kg.)

YEAR (1)	LONDON [C. I. F.]		NEW YORK		KUALALUMPUR	
	Pound Sterling (2)	Equivalence Rate in Rs. (3)	US Dollars (4)	Equivalent Rate in Rs. (5)	Malaysian Dollars (6)	Equivalent Rate in Rs. (7)
1964	18.27	243	54.93	262	148.1	231
1965	18.63	242	55.63	265	151.2	234
1966	17.48	367	51.43	386	140.7	345
1967	14.51	261	42.98	322	113.4	278
1968	16.56	298	42.94	322	113.1	277
1969	21.99	396	56.80	426	151.2	370
1970	17.51	316	45.41	341	119.3	292
1971	13.92	262	38.86	291	92.5	235
1972	14.19	268	38.18	295	88.1	246
1973	28.70	542	75.34	598	156.7	522
1974	31.87	597	80.36	638	160.5	534
1975	27.65	518	63.37	568	130.0	452
1976	46.02	750	83.76	754	189.7	674
1977	49.34	756	88.03	768	184.0	692
1978	54.04	850	107.26	882	222.5	789
1979	62.53	1072	138.61	1126	271.1	1011
1980	63.76	1170	156.47	1247	298.7	1083
1981	53.38	938	115.97	1012	230.8	872
1982	49.37	819	95.15	903	181.3	739
1983	73.00	1120	120.43	1220	238.8	1042
1984	73.26	1110	107.20	1219	214.7	1040
1985	61.15	980	89.68	1112	179.8	890
1986	57.09	1057	92.59	1170	202.1	885

Table 21

WORLD PRICE OF NATURAL RUBBER

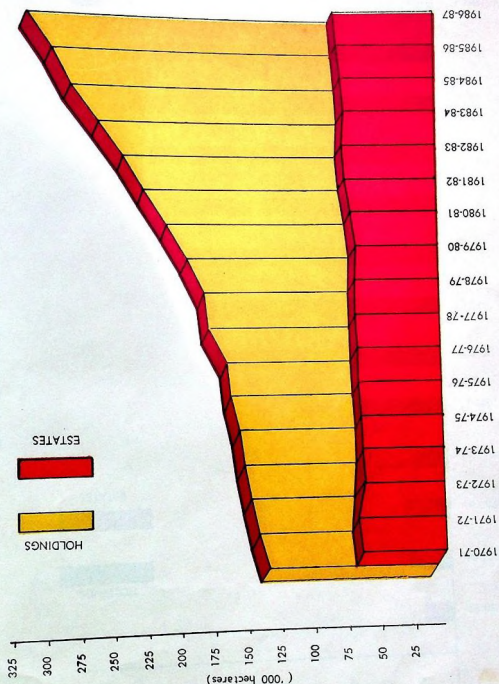
Average of the 1950-54 period

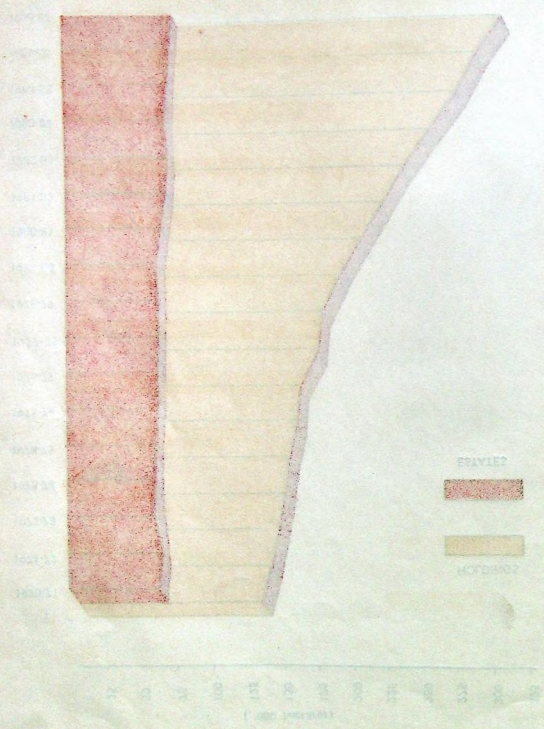
Year	London		New York		Panama City	
	Price per ton	Index (1950=100)	Price per ton	Index (1950=100)	Price per ton	Index (1950=100)
1950	27.08	100	27.50	100	27.50	100
1951	27.18	100	27.50	100	27.50	100
1952	27.20	100	27.50	100	27.50	100
1953	27.20	100	27.50	100	27.50	100
1954	27.20	100	27.50	100	27.50	100
1955	27.20	100	27.50	100	27.50	100
1956	27.20	100	27.50	100	27.50	100
1957	27.20	100	27.50	100	27.50	100
1958	27.20	100	27.50	100	27.50	100
1959	27.20	100	27.50	100	27.50	100
1960	27.20	100	27.50	100	27.50	100
1961	27.20	100	27.50	100	27.50	100
1962	27.20	100	27.50	100	27.50	100
1963	27.20	100	27.50	100	27.50	100
1964	27.20	100	27.50	100	27.50	100
1965	27.20	100	27.50	100	27.50	100
1966	27.20	100	27.50	100	27.50	100
1967	27.20	100	27.50	100	27.50	100
1968	27.20	100	27.50	100	27.50	100
1969	27.20	100	27.50	100	27.50	100
1970	27.20	100	27.50	100	27.50	100
1971	27.20	100	27.50	100	27.50	100
1972	27.20	100	27.50	100	27.50	100
1973	27.20	100	27.50	100	27.50	100
1974	27.20	100	27.50	100	27.50	100
1975	27.20	100	27.50	100	27.50	100
1976	27.20	100	27.50	100	27.50	100
1977	27.20	100	27.50	100	27.50	100
1978	27.20	100	27.50	100	27.50	100
1979	27.20	100	27.50	100	27.50	100
1980	27.20	100	27.50	100	27.50	100
1981	27.20	100	27.50	100	27.50	100
1982	27.20	100	27.50	100	27.50	100
1983	27.20	100	27.50	100	27.50	100
1984	27.20	100	27.50	100	27.50	100
1985	27.20	100	27.50	100	27.50	100
1986	27.20	100	27.50	100	27.50	100
1987	27.20	100	27.50	100	27.50	100
1988	27.20	100	27.50	100	27.50	100
1989	27.20	100	27.50	100	27.50	100
1990	27.20	100	27.50	100	27.50	100
1991	27.20	100	27.50	100	27.50	100
1992	27.20	100	27.50	100	27.50	100
1993	27.20	100	27.50	100	27.50	100
1994	27.20	100	27.50	100	27.50	100
1995	27.20	100	27.50	100	27.50	100
1996	27.20	100	27.50	100	27.50	100
1997	27.20	100	27.50	100	27.50	100
1998	27.20	100	27.50	100	27.50	100
1999	27.20	100	27.50	100	27.50	100
2000	27.20	100	27.50	100	27.50	100
2001	27.20	100	27.50	100	27.50	100
2002	27.20	100	27.50	100	27.50	100
2003	27.20	100	27.50	100	27.50	100
2004	27.20	100	27.50	100	27.50	100
2005	27.20	100	27.50	100	27.50	100
2006	27.20	100	27.50	100	27.50	100
2007	27.20	100	27.50	100	27.50	100
2008	27.20	100	27.50	100	27.50	100
2009	27.20	100	27.50	100	27.50	100
2010	27.20	100	27.50	100	27.50	100
2011	27.20	100	27.50	100	27.50	100
2012	27.20	100	27.50	100	27.50	100
2013	27.20	100	27.50	100	27.50	100
2014	27.20	100	27.50	100	27.50	100
2015	27.20	100	27.50	100	27.50	100
2016	27.20	100	27.50	100	27.50	100
2017	27.20	100	27.50	100	27.50	100
2018	27.20	100	27.50	100	27.50	100
2019	27.20	100	27.50	100	27.50	100
2020	27.20	100	27.50	100	27.50	100
2021	27.20	100	27.50	100	27.50	100
2022	27.20	100	27.50	100	27.50	100
2023	27.20	100	27.50	100	27.50	100
2024	27.20	100	27.50	100	27.50	100
2025	27.20	100	27.50	100	27.50	100

CHART No. 1

AREA UNDER HOLDINGS AND ESTATES

(Hectares)



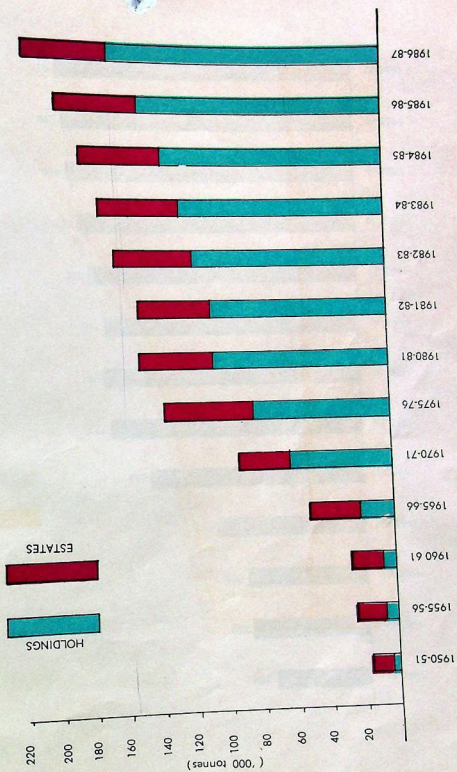


VIEW UNDER HOLDINGS AND ELEVATION

Sheet No. 1

CHART No 2

PRODUCTION OF NATURAL RUBBER BY HOLDINGS AND ESTATES



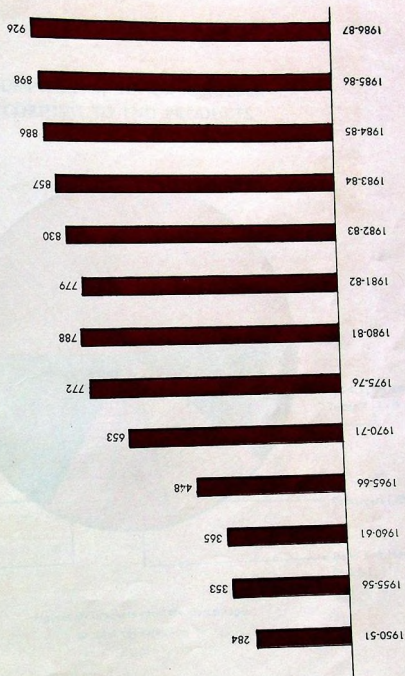
PRODUCTION OF MOTHERS BY HOLDINGS AND ESTATES

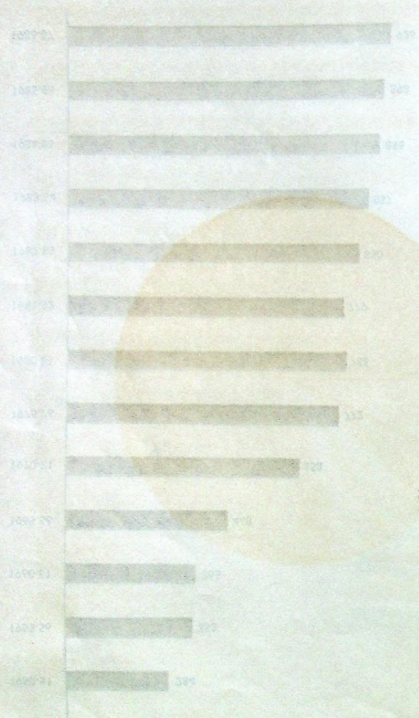


Source: [illegible]

CHART No. 3

AVERAGE YIELD PER HECTARE OF RUBBER
(Kilograms)



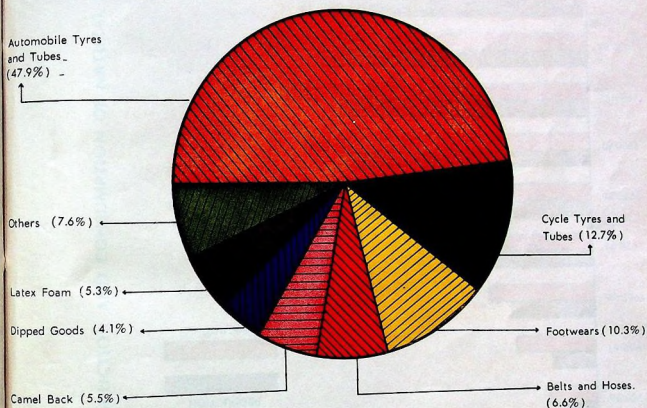


VALUES ARE IN PERCENT OF TOTAL

TABLE 3

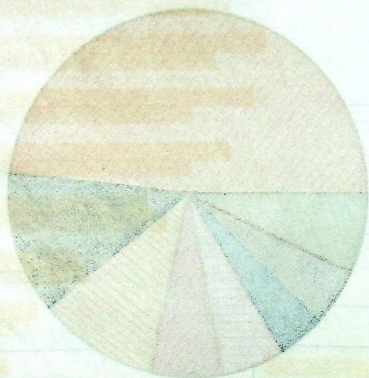
CHART No. 4

**CONSUMPTION OF NATURAL RUBBER
ACCORDING TO END PRODUCTS**
(1985-86)



Figures in brackets indicate percentages
to total consumption

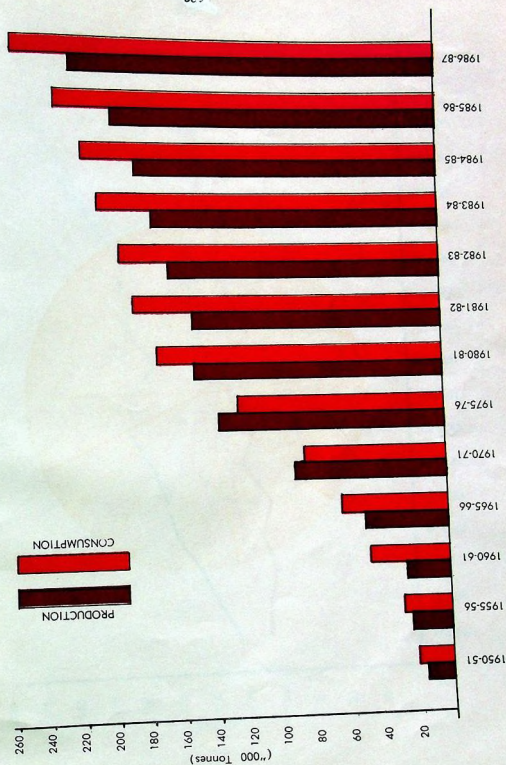
CONSUMPTION OF NATURAL RUBBER ACCORDING TO END PRODUCTS



Figures in brackets refer to percentages
of total consumption

CHART No 5

PRODUCTION AND CONSUMPTION OF NATURAL RUBBER





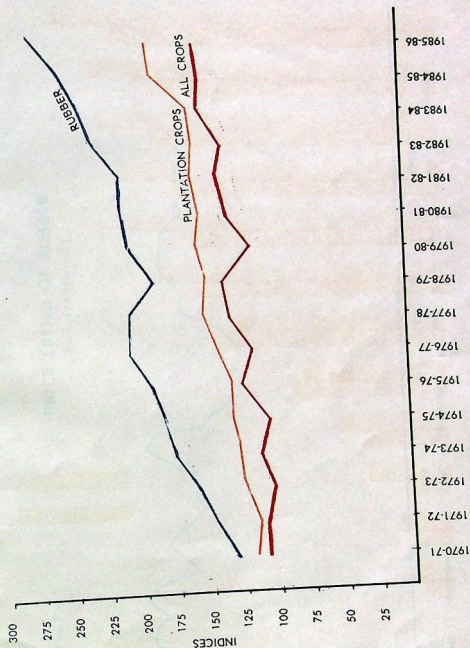
PRODUCTION AND CONSUMPTION OF INDUSTRIAL CABLES

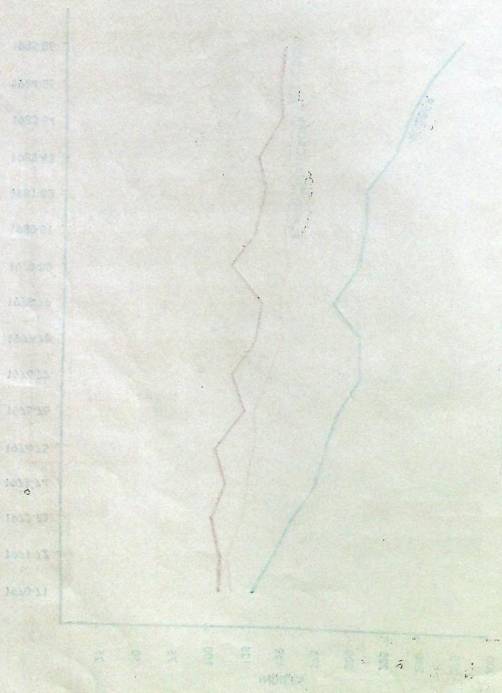
TABLE NO. 2

CHART No 6

MOVEMENT OF PRODUCTION INDICES.

(Base : Triennium ending 1969-70 = 100)

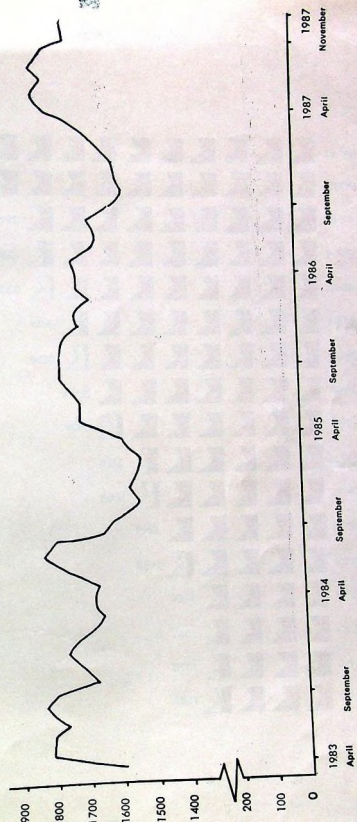


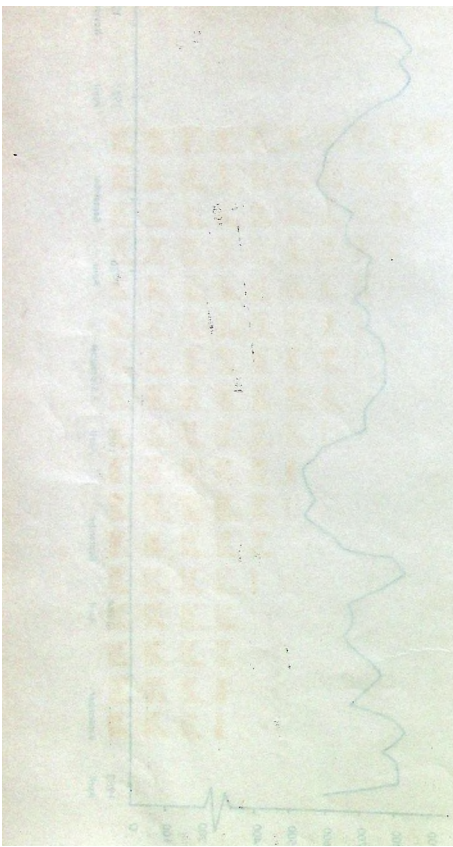


MOVEMENT OF BIODIVERSITY INDEX
 (Y-axis: Biodiversity Index, X-axis: Time)

PRICE TREND OF RUBBER
(RMA-4/Kottayam)

CHART No 7





PRICE AHEAD OF NOBEL

COPPER

CHART No 8

NUMBER OF RUBBER GOODS MANUFACTURERS

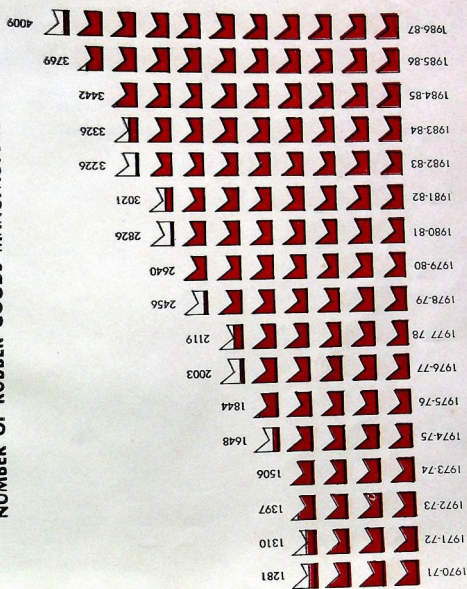
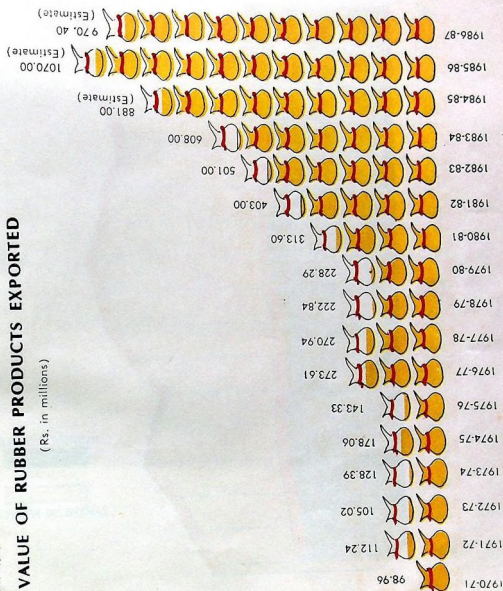
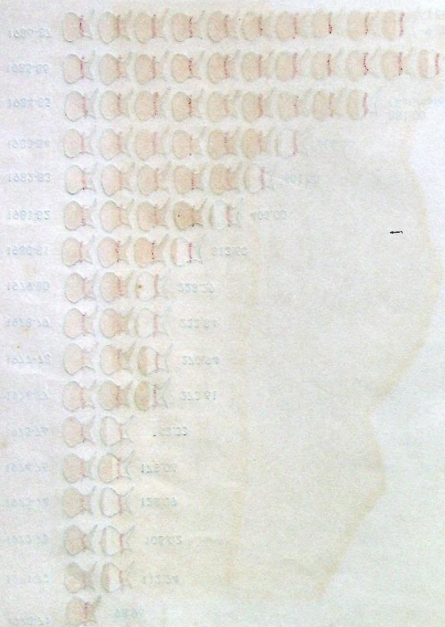


CHART No 9

VALUE OF RUBBER PRODUCTS EXPORTED

(Rs. in millions)





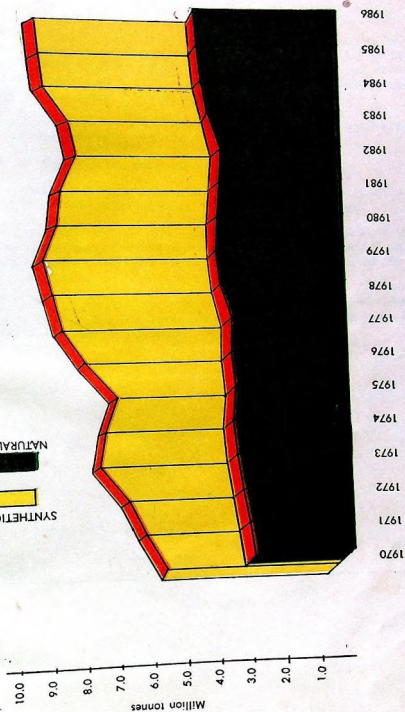
(B' 10 10 10 10 10)

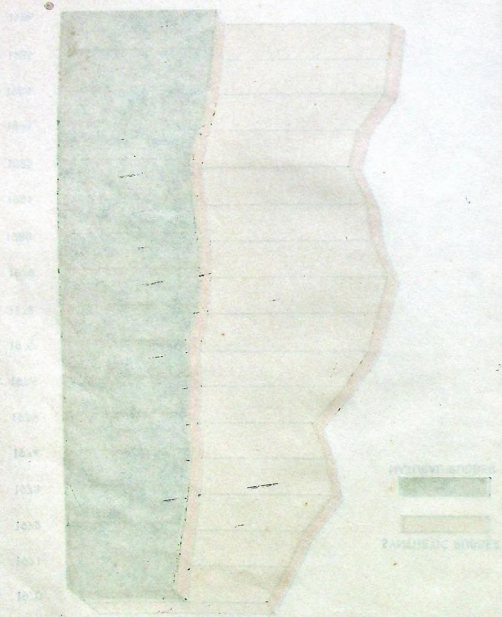
AVIPE OF KNEES LACONIC EXPLORED

CHAPMAN 6

WORLD CONSUMPTION OF NATURAL RUBBER AND SYNTHETIC RUBBER

SYNTHETIC RUBBER
NATURAL RUBBER





UNITED STATES
BRITAIN
FRANCE
JAPAN
INDIA
CHINA
NETHERLANDS
ITALY
GERMANY
SPAIN
PORTUGAL
BELGIUM
LUXEMBOURG
AUSTRIA
HUNGARY
CZECHOSLOVAKIA
POLAND
YUGOSLAVIA
GREECE
TURKEY
ROMANIA
BULGARIA
ALBANIA
GREECE
TURKEY
ROMANIA
BULGARIA
ALBANIA

FROM THE CHAIRMAN

Timely availability of reliable and adequate statistics is of vital importance to the research and development planning of any industry, particularly for a commercial crop like rubber, the life-cycle of which is around 30 years. One of the primary objectives of the Rubber Board is collection of statistics relating to the rubber industry. This publication, which is the 18th in the series, has been compiled from the statistics so collected.

The statistics published in the volume is compiled not only from the Board's records but also from various other sources as indicated in the tables.

Suggestions for improving this publication will be appreciated.

Readers interested in latest statistics of production, consumption, import, price etc. of rubber may refer to the 'Rubber Statistical News' (Monthly) issued by the Board.

The continued and generous co-operation extended by producers of natural, synthetic and reclaimed rubber, dealers and processors of natural rubber and manufacturers of rubber goods and various organisations connected with the industry for making available the data is gratefully acknowledged.

I wish to record my appreciation of the great and valuable services rendered by Shri R. G. Unny, Dy. Director, Smt. E. Lalithakumari, Statistician and other staff in the Statistics & Planning Division in compiling the publication

Kottayam - 1
31st Dec. 1987.

P. C. CYRIAC
Chairman

ON INDIAN RUBBER STATISTICS BY OTHERS

Dr L. BATEMAN D. Sc FRs
SECRETARY GENERAL
INTERNATIONAL RUBBER STUDY GROUP

LONDON
7th July, 1980

"My colleagues and I are most impressed by the 'Indian Rubber Statistics (1980)', it is certainly one of the most comprehensive and detailed statistical records of the rubber industry in a natural rubber producing country (and indeed in almost any country) that we know of, and its value is correspondingly high. It reflects immense hard work and application by those responsible for the compilation, and we are happy to express our unreserved appreciation".

(Sd /-)
L. BATEMAN

(Note: 'International Rubber Study Group' is an intergovernmental organisation comprising 27 member Governments. The object of the Group is to provide a forum for the discussion of problems affecting the production and consumption of, and trade in, natural and synthetic rubbers, and to collect and disseminate comprehensive statistical information thereon.)

Dr. MOELJONO PARTOSOEDARSO
REGIONAL ADVISER ON RAW MATERIALS
AND COMMODITIES
ESCAP, UNITED NATIONS

BANGKOK
14th July, 1980

'Indian Rubber Statistics (1980)' has been very well and comprehensively prepared. It is certainly a useful publication both for the rubber industry in India as well as to all other rubber producing countries and Members of the ANRPC.

Sd / -
MOELJONO PARTOSOEDARSO

"Reliable and dependable statistics is a crying need in this Country. This want is acutely felt in regard to agricultural commodities. Fortunately this is not the case with rubber production. It is a publication which is very expertly brought out".

COMMERCE
October 2, 1976.

IN RETROSPECT

Area, production and productivity.

The rubber plantation industry in India has recorded all round progress during the last 5 year period. Production of natural rubber, which was 165,850 tonnes in 1982-83, when the last issue was published, has gone upto 219,520 tonnes in 1986-87 showing an annual compound growth rate of 7.3%. Production during 1987-88 is estimated to touch 235,000 tonnes. Rubber leads all the major agricultural commodities in the country in regard to growth rate. Increase both in area under rubber and yield per hectare has contributed to the appreciable achievement. Introduction of subsidy for newplanting on a par with replanting from 1979 onwards resulted in a spurt in newplanting in small holding sector. During the period from 1979-80 to 1986-87 the total extent planted under the subsidy scheme alone was 102,000 hectares (consisting of 72,000 hectares of newplanting and 30,000 hectares of replanting) which has outplaced the target fixed for the period by 20 per cent. As rubber tree when planted takes about 7 years to start giving yield and another 3 years to give full yield, the impact of the achievement in newplanting and replanting will be fully visible only at the beginning of 1990's. The yield per hectare, which in 1982-83 was 830 kg has gone upto 926 in 1986-87. Mainly the high yielding planting materials, particularly KRII-105 (developed and released by the Rubber Research Institute of India towards the close of 1970's) have contributed to this creditable achievement. The production of natural rubber in the country is now at the bottom of a rising curve.

The area under rubber at the end of 1986-87 was estimated as 384,000 hectares. and as much as 80% of which was accounted for by small holders of 20 hectares and below in size. The average size of this group was only 0.94 hectares.

Synthetic Rubber Production

Production of synthetic rubber, which in 1982-83 was 30,290 tonnes made up of 13,669 tonnes of Styrene Butadiene Rubber (SBR), 18,045 tonnes of Polybutadiene Rubber (BR) and 576 tonnes of Nitrile Rubber (NBR) has gone up to 38,816 tonnes comprising of 22,984 tonnes of SBR, 15,411 tonnes of BR and 421 tonnes of NBR during 1986-87. The total capacity utilisation was about 75 percent.

Consumption

Consumption of natural and synthetic rubber which in 1982-83 was 250,795 tonnes has improved to 329,090 tonnes in 1986-87, registering an annual compound growth rate of 7.0 percent. Consumption during 1987-88 is estimated to go upto 357,000 tonnes maintaining 8.5% ~~the same~~ growth rate. The relative use of natural and synthetic rubber during the period remained almost steady at 78:22. The total consumption in 1986-87 was divided as 257,305 tonnes of natural rubber and 71,785 tonnes of synthetic rubber (provisional). The annual growth in production and consumption was as given below:-

	Natural	Production Synthetic	Total (Tonnes)	Natural	Consumption Synthetic	Total
1982-83	165,850	30,290	196,140	195,545	55,250	250,795
1983-84	175,280	32,270	207,550	209,480	62,300	271,780
1984-85	186,450	37,669	224,119	217,510	65,400	282,910
1985-86	200,465	34,758	235,223	237,440	70,035	307,475
1986-87 @	219,520	38,816	258,336	257,305	71,785	329,090

@ Provisional

Imports

The domestic production of natural rubber in the country is now sufficient to meet only about 85 per cent of the demand and the balance is met by imports. The quantity of natural rubber imported during 1986-87 was 45,356 tonnes, out of which, 40,228 tonnes was imported by the State Trading Corporation of India and the balance 5,128 tonnes was imported by exporters of rubber products directly under the export incentive scheme. The import of synthetic rubber also continued during the year 1986-87. The domestic production of this rubber was sufficient to meet only 54 per cent of the demand. Bulk of the import of synthetic rubber was special purpose.

Price of rubber

In Feb. 1986, Govt. of India introduced a Buffer Stocking scheme with a view to stabilise the price of natural rubber at a reasonable level so as to make it remunerative to the rubber growers and fair to the rubber user industry. Under the scheme, the price of RMA-4 grade rubber was initially to maintain at a level of around Rs. 1650 per quintal within an upper and lower price band of Rs. 1600 and 1700 per quintal respectively. In May 1987, the price was revised to Rs. 1700 and the lower and upper price band to Rs. 1650 and 1750 respectively, based on the cost of production study conducted by the Cost Accounts Branch of the Ministry of Finance. The scheme is operated by the State Trading Corporation and the price in the market is regulated by releasing of imported rubber when the price tend to go above the upper band and by procuring rubber from domestic market when the price tend to go down below the lower band. The average price of natural rubber remained almost steady during the last five year period vide data given below:

Year	Average price in Kottayam Market (Rs. / quintal for RMA-4 Grade.)
1983	1672
1984	1689
1985	1694
1986	1670
1987	1766

Average Compound annual growth = 1.4%

The average price of synthetic rubber during 1987 was 45.1% higher than the price of RMA-4 grade. The average price during Dec. 1987 for S-1502 grade synthetic rubber (SBR) was Rs. 2700 as against Rs. 1743 for RMA-4 grade natural rubber.

Perspective plan for rubber development

The Rubber Board is now implementing a crash plan of action to achieve self-sufficiency in rubber atleast by the turn of the century. The projected demand for natural rubber by 2000 AD is placed at 800,000 tonnes. To achieve this goal, a two pronged strategy, viz. (i) to improve the productivity in the existing traditional rubber growing areas and (ii) to increase the area under cultivation in non-traditional areas, is adopted. By the year 2000 the productivity is to be raised to 1250 kg/ha and yielding area to 400,000 hectares.

The VII Plan target of production for rubber for the terminal year of the Plan period (1989-90) is fixed at 285,000 tonnes. The present indication is that we would be able to exceed the target. In fact, more than 50 per cent of the physical and financial goals fixed under various schemes for the VII Plan period has been achieved during the first two year period itself.

World position

World production of natural rubber has touched an all-time peak of 4,435 thousand tonnes in 1986. The annual compound growth rate of production from 1982 to 1986 was 4.3 per cent. The consumption during 1982, 1983 and 1984 was less than the production and during 1985 and 1986 it exceeded the production. The average growth rate in consumption of natural and synthetic rubber during the five year was 3.8 per cent. The following table depicts the progress in production and consumption :

	Production		Total ('000 tonnes)	Consumption		
	Natural	Synthetic		Natural	Synthetic	Total
1982	3750	7875	11625	3660	8035	11695
1983	4030	8335	12365	3995	8360	12355
1984	4260	9120	13380	4240	9030	13270
1985	4330	9005	13335	4355	9045	13400
1986	4435	9155	13590	4405	9165	13570

The share of natural rubber in total consumption during the period increased from 31.3 per cent to 32.5 per cent.

The international price of natural rubber recorded wide fluctuations during the period. The trend in average price of RSS-3 grade (equivalent to RMA 4 grade in India) was as follows :

Average price of RSS-3 grade in Kuala Lumpur per quintal

	MS	Rs.
1983	238.0	1042
1984	214.7	1040
1985	179.8	890
1986	202.1	988
1987	235.9	1215

A new International Natural Rubber Agreement (INRA) was adopted in March 1987 under the auspices of the UNCTAD with a view to achieving stable conditions in natural rubber trade through avoiding excessive price fluctuations and stabilising the prices without distorting long term market trends in the interest of producers and consumers. The 1979 INRA expired in Oct. 1987 after its two year extension period. In many respects, the main provisions in the new agreement resemble those contained in the 1979 one. Under the new Agreement also there is provision for the operation of a buffer stock to regulate the price, the maximum size of the stock is fixed as 550,000 tonnes. The Agreement will come into force provisionally when Government accounting for atleast 75% of the net export and Governments accounting for atleast 75% of the net import have ratified it and will be fully in force when these figure climb to 80%.

CONNOTATIONS

Holding	:	Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous aggregating 20.23 hectares (50 acres) or less under a single ownership.
Estate	:	Land contiguous, or non-contiguous aggregating more than 20.23 hectares (50 acres) planted with rubber under a single ownership is treated as 'estate'. However, estates/holdings situated in different taluks even if they are under a single ownership are registered and considered separately. In this context, the word owner includes any agent of an owner and a mortgagee in possession and a lessee of the area. Under the Rubber Act all rubber growers should get their rubber area registered in the books of the Rubber Board. In the case of unregistered area estimates have been provided from 1977-78 onwards.
Newplanted area	:	Land planted with rubber for the first time.
Replanted area	:	Land planted with rubber by removing the rubber trees planted earlier
High yielding area	:	Area planted with clonal seedlings and clones (budgrafts) approved by the Rubber Board. It may be stated that till 1970 Tjir-1 clonal planting material was also included under high yielding varieties. From 1971 onwards this variety is not recommended for planting. So the area under high yielding varieties in this publication includes area planted with Tjir-1 variety upto 1970.
Tappable area	:	Area which is estimated to be tappable.
Yield per hectare	:	Average yield per hectare of tappable area.
Manufacturer	:	A manufacturer of rubber goods who has taken out a licence from the Board for acquiring natural rubber.
Dealer	:	One who has taken out a licence from the Board for dealing in natural rubber/holding natural rubber stock. Under the Rubber Act all dealers of natural rubber and all consumers of natural rubber (manufacturers of rubber goods) should take out licences from the Rubber Board.
Natural rubber	:	Includes the dry rubber content (drc) of all grades and qualities of natural rubber. Quantity under latex also refers to weight of dry rubber content.
Ungraded rubber	:	Small holders, particularly those in the lower area group generally sell their smoked sheet rubber to dealers without grading and packing. This rubber consists of mostly RMA 3, 4 & 5 and off-grades. Grading and packing is done usually at the medium/big dealers' level.
Synthetic rubber	:	Includes oil content of oil extended rubber and total solid content of latices
Reclaimed rubber	:	Comprises of both natural and synthetic reclaimed rubber.

