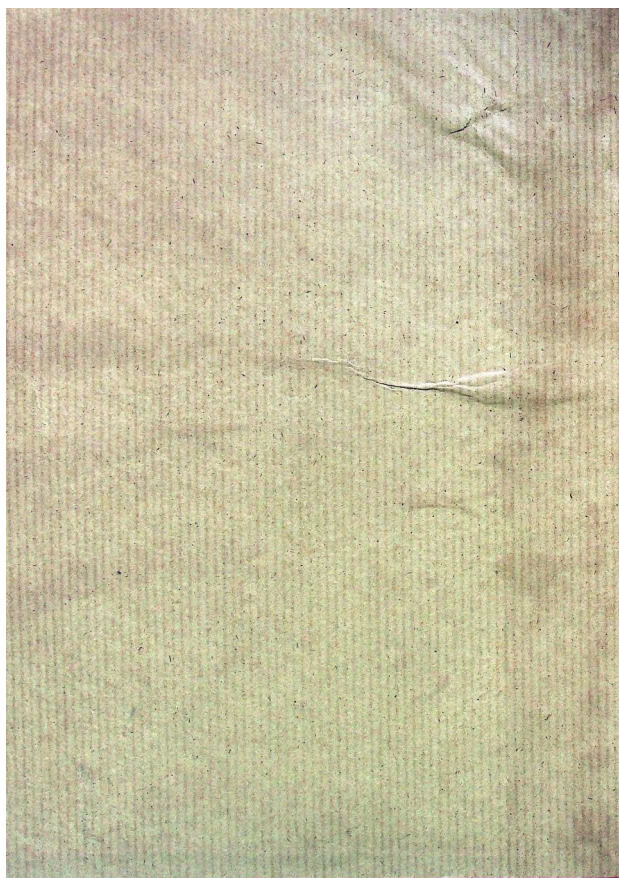


**INDIAN
RUBBER
STATISTICS
VOL. 17
1982.83**



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VOLUME 17

1982-'83

XXIV

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

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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 provision the measures referred to therein may provide for:— (a) undertaking, assisting, 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 the provisions and improvement of amenities and incentives for workers; 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.

FROM THE CHAIRMAN

The importance of statistics in planning and evaluation needs no emphasis. Considering its role, collection of statistics relating to rubber is defined in the Rubber Act as one of the basic functions of the Rubber Board. This publication, which is the 17th in the series, has been compiled from the statistics so collected.

The area figures given in this publication are compiled from the registration records maintained by the Board as well as from other reports/returns received in the office. Data relating to production, consumption and stock are computed from the various returns received from rubber growers, dealers, processors and manufacturers. These figures have been suitably corrected/supplemented by sample surveys, field inspection reports etc. to ensure accuracy. Statistics relating to import of natural rubber have been collected from rubber goods manufacturers and State Trading Corporation of India Ltd. All figures for 1980-81 and 1981-82 are provisional.

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, stock, price etc. of rubber may refer to the 'Rubber Statistical News' (Monthly) and 'PRICE' (Price of Rubber in Important Centres in India-fortnightly) 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 and Smt. E. Lalithakumari, Assistant Statistician in compiling the publication.

Kottayam-1
31st January 1983

K. MOHANACHANDRAN IAS
Chairman

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Kottayam-1
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CONNOTATIONS

Area	: Rubber area registered with the Board, unless otherwise stated.
Holding	: Unless the contrary is stated, the word means a rubber area contiguous or non-contiguous, aggregating 20.23 hectares (50 acres) or less and registered with the Board under a single ownership.
Estate	: Land contiguous, or non-contiguous aggregating more than 20.23 hectares (50 acres) planted with rubber and registered with the Board 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 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.
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 include 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 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.
Lot rubber	: 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 mainly of RMA 3, 4 & 5 with a higher proportion of lower grades. In the local market this rubber is called 'lot rubber'. Grading and packing is done at the medium/big dealer's level.
Synthetic rubber	: Includes oil content of oil extended rubber and the total solid content of latices.
Reclaimed rubber	: Comprises of both natural and synthetic reclaimed rubber.
Stocks	: Data for stocks refer to the end of the period indicated.

1982-83 IN RETROSPECT

Area and Production

Production of natural rubber during 1982-83 has risen to an all time record of 166,000 tonnes (provisional). The growth rate in production recorded during the year was about 8.6% over the production in 1981-82. During the period 1967-68 to 1981-82, there was a set-back in growth rate in production, contrary to the steady growth-rate indicated during the period 1947-48 to 1966-67. The set back was mainly due to the steep fall in the planting tempo during the period 1971-72 to 1977-78 which in turn had been the after-math of the recession in the rubber goods manufacturing sector and consequent glut and crash in prices of rubber in the domestic market during the period. To relieve the glut in the market and to ensure economic price to the rubber growers, price support operations including export of a small quantity of rubber had to be carried out. Since the rubber tree takes about 7 years to start giving yield, the fall in the planting tempo during the period 1971-72 to 1977-78 resulted in a depression in growth-rate of production during the period 1977-78 to 1981-82. There was also an industry wide strike of plantation workers in 1978-79.

During the period 1971-72 to 1977-78 the domestic production was sufficient to meet the demand. But from 1978-79, the position has changed and import had to be resumed owing to the slow down in growth rate of production and increase in demand. Realising the situation, the Rubber Board embarked on a programme geared to increase production by popularising the available technology. The extensive village level campaigns mounted in the rubber growing areas as a part of the programme helped considerably in popularising the use of yield stimulants, discriminatory use of fertilisers based on soil and leaf analyses, adoption of scientific tapping methods, tapping during rainy season under rain-gard and adoption of plant protection measures amongst small growers. These created a favourable impact on production and productivity. As regards long-term measures for enhancing rubber production, a new scheme called "Rubber Newplanting Subsidy Scheme" was introduced in 1979 on a pilot basis to step up the rate of newplanting in small holding sector. The scheme succeeded in generating widespread interest in planting rubber among prospective growers in traditional as well as non-traditional areas. Encouraged by its performance, an integrated scheme for accelerating newplanting and replanting known as "Rubber Plantation Development Scheme" was launched in 1980-81 with a target of planting 60,000 hectares during the Vth Plan period (1980-81 to 1984-85). During the first three years of its implementation, an extent of 45,000 hectares has been planted against the target of 36,000 hectares. Due to launching of the intensive rubber production drive and the steady increase in the planting tempo from 1979-80 onwards, production of natural rubber is expected to increase substantially in the coming years, particularly from mid 1980's.

The number of rubber growing units in 1982-83 is estimated at 2,30,000. Out of these around 480 are estates of above 20 hectares in size and others are small holdings of 20 hectares and less in size. The area under rubber in 1982-83, is estimated as 2,90,000 hectares, 75% of which is estimated to be contributed by small holdings, 45% of the total area is estimated to be under high yielding bud grafts, 40% under clonal seedlings of moderate yield potential and the balance 15% under old and low yielding materials.

Productivity

The average yield of tapped area during 1982-83 is estimated to be 830 kg. per hectare. The previous highest record yield was 806 kg. in 1976-77. The marked rise in productivity during 1982-83 was indeed a realisation of the aim declared for the "productivity year" through conscious efforts.

Synthetic Rubber Production :

Production of synthetic rubber during 1981-82 was 28,499 tonnes made up of 16,561 tonnes of styrene butadiene rubber (SBR), 11,416 tonnes of poly butadiene rubber (BR) and 522 tonnes of nitrile rubber (NBR). The capacity utilisation was about 55%. Production during 1982-83 is estimated as 30,300 tonnes made up of 13,700 tonnes of SBR 600 tonnes of NBR and 16,000 tonnes of BR.

Consumption :

Consumption of natural and synthetic rubber during 1982-83 has recorded a growth rate of 4% as against an average growth rate of about 6% achieved during the period 1972-73 to 1981-82. The total consumption during the year is estimated as 244,000 tonnes made up of 195,000 tonnes of natural rubber and 49,000 tonnes of synthetic rubber. The fall in growth rate in consumption during 1982-83 was mainly due to the set-back in the auto-tyre sector. The relative use of natural and synthetic rubber during 1982-83 is estimated to be in the ratio 80:20.

Imports :

To meet the growing demand for rubber, the Government of India have sanctioned import of 30,000 tonnes of natural rubber during 1982-83. However, the physical import during the year was about 33,000 tonnes which included spill-over from previous years' sanctioned quantity and import against REP licences. Import of synthetic rubber has also continued during the year.

Price :

The statutory minimum prices for various grades of natural rubber which were revised upwards in April 1979 continued till 15th September 1981. At present there is no statutory minimum price for natural rubber. The market price of natural rubber continued to show an upward trend till about August 1982. The market dipped during September and October 1982 and later recovered from November 1982.

World Position

World consumption of rubber which touched an all time peak in 1979 has since then recorded a downward trend. The production figures have also showed the same trend. The pattern of annual production and consumption since 1979 was as follows :

Year	Production			Consumption		
	Natural	Synthetic	Total	Natural (^{000 tonnes})	Synthetic	Total
1979	3860	9330	13190	3870	9125	12995
1980	3845	8645	12490	3760	8685	12445
1981	3655	8465	12160	3700	8445	12145
1982 (P)	3705	7825	11530	3925	7875	11500

(P: Provisional)

The fall in demand for rubber is mainly due to the recession in most of the industrially developed countries.

During the period from February 1980 to December 1982, the international price of natural rubber was declining steadily. The average annual trend in Malaysian price vis-a-vis Indian price during 1977 to 1982 was as shown below:

		(Price per quintal for RSS 1/RMA 1 grade)					
		1977	1978	1979	1980	1981	1982
India	Rs.	671	934	1071	1211	1493	1554
Malaysia	M\$	202.8	230.0	279.4	312.3	257.8	200.0
	(Rs.)	723	816	1042	1132	974	812

The 'catastrophic' fall in price to uneconomic levels in the rubber producing/exporting countries has necessitated invocation of buffer stock operations by the International Natural Rubber Organization (INRO) as price support operations. Exporting members of the Association of Natural Rubber Producing Countries have also taken measures complementary to INRO to stabilise the market by restricting production/exports. Since January international price has showed signs of recovery.

The price of synthetic rubber, however, continued to show an upward trend ever since the developments in the energy situation in 1973. The trend in price in UK and 1983, India since 1977 was as shown below:

		(Price per quintal for SBR-1500/1502 Grade)					
		1977	1978	1979	1980	1981	1982
India	Rs. 855	886	1121	1412	1749	1784	
U K	£ 49.80	54.50	61.78	69.70	74.90	83.50	
	Rs. 760	857	1060	1279	1316	1382	

R. G. UNNY
Deputy Director

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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	12805	1874	14479
1959-60	9963	1641	11604
1960-61	12104	1385	13489
1961-62	14485	2446	16931
1962-63	13222	2499	15721
1963-64	6651	2309	8960
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	6655	2089	8744
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	2500	3100	5600
1977-78	2500	3300	5800
1978-79	4000	3300	7300
1979-80	7600	3500	11100
1980-81	12000	3500	15500
1981-82	12000	4000	16000

(Note: The figures for the years from 1978-79 are provisional)

Table 2

TALUKWISE AREA UNDER RUBBER AT THE END OF 1980-81

NAME OF DISTRICT/TALUK/ STATE/TERRITORY	REGISTERED						UNREGISTERED	
	HOLDINGS		ESTATES		TOTAL		No. of units	Area in hect- ares
	No. of units	Area in hect- ares	No. of units	Area in hect- ares	No. of units	Area in hect- ares		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
1. Trivandrum District								
1. Trivandrum	126	322	2	51	128	373	24	25
2. Nedumangad	3775	5029	16	789	3791	5818	454	332
3. Chirayinkil	327	393	—	—	327	393	50	29
4. Neyyatinkara	1247	1527	4	193	1251	1720	62	45
Total	5475	7271	22	1033	5497	8304	590	431
2. Quilon District								
1. Quilon	96	190	—	—	96	190	11	7
2. Kottarakara	2643	3157	6	208	2649	3365	538	350
3. Kunnathur	3184	3699	7	1979	3191	5578	376	324
4. Pathanapuram	5458	6070	31	5470	5489	11540	719	1114
5. Pathanamthitta	9769	9231	27	5461	9796	14692	1386	1726
6. Karunagappally	3	4	—	—	3	4	—	—
Total	21153	22251	71	13118	21224	35369	3030	3521
3. Alleppey District								
1. Mavelikara	710	614	1	26	711	640	36	17
2. Thiruvalla	3676	2971	1	25	3677	2996	272	177
3. Chengannur	562	413	—	—	562	413	32	20
4. Karthikappally	3	4	—	—	3	4	—	—
5. Kuttanad	8	6	—	—	8	6	—	—
Total	4959	4008	2	51	4961	4059	340	214
4. Kottayam District								
1. Kottayam	12238	8559	7	255	12245	8814	1035	563
2. Meenachil	27354	24153	10	776	27364	24929	4346	3559
3. Vaikom	3192	2368	—	—	3192	2368	314	238
4. Changanacherry	6753	4771	8	1173	6761	5944	778	406
5. Kanjirappally	12309	12087	36	3393	12345	16480	1229	932
Total	61846	51938	61	5697	61907	57535	7702	5697
5. Idikkil District								
1. Peermade	2132	2563	17	3063	2149	5626	163	176
2. Devikulam	335	554	2	77	337	631	16	8
3. Udumbanchola	1064	796	—	—	1064	796	190	119
4. Thodupuzha	8780	7722	10	1786	8770	9508	915	585
Total	12291	11635	29	4926	12320	16561	1284	888

Table 2 (contd.)

TALUKWISE AREA UNDER RUBBER AT THE END OF 1980-81

NAME OF DISTRICT/TALUK/ STATE/TERRITORY	REGISTERED				UNREGISTERED			
	HOLDINGS		ESTATES		TOTAL			
	No. of units	Area in hect- ares	No. of units	Area in hect- ares	No. of units	Area in hect- ares	No. of units	Area in hect- ares
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
6. Ernakulam District								
1. Moovattupuzha	9370	8674	3	130	9373	8804	1504	632
2. Kothamangalam	2253	2951	13	634	2266	3685	816	343
3. Kunnathunad	2847	3579	4	132	2851	3711	684	203
4. Alwaye	787	1331	1	2553	788	3894	118	76
5. Parur	16	62	—	—	16	62	—	—
6. Kanayannoor	2255	1815	—	—	2255	1815	468	219
Total	17528	18412	21	3449	17549	21861	3590	1473
7. Trichur District								
1. Trichur	289	691	8	986	297	1677	74	58
2. Mukundapuram	621	1200	8	3481	629	4681	105	150
3. Thalappilly	711	1943	10	671	721	2614	252	206
Total	1621	3834	26	5138	1647	8972	431	414
8. Palghat District								
1. Palghat	98	331	8	558	106	889	142	187
2. Alathur	749	3224	15	834	764	4058	433	562
3. Chittur	158	364	—	—	158	364	47	41
4. Ottapalam	232	622	4	186	236	808	134	126
5. Mannarghat	840	2499	20	906	860	3405	692	654
Total	2077	7040	47	2484	2124	9524	1448	1560
9. Malappuram District								
1. Ponnani	27	131	1	49	28	180	1	1
2. Perinthalmanna	899	2795	28	1593	927	4388	228	205
3. Tirur	41	145	—	—	41	145	nil	nil
4. Ernad	3090	8701	51	4555	3141	13256	714	1106
Total	4057	11772	80	6197	4137	17969	943	1312
10. Kozhikode District								
1. Kozhikode	3363	6229	45	3674	3408	9903	536	309
2. Quilandy	1671	2598	8	1512	1679	4210	90	89
3. Badagara	702	1403	4	286	706	1689	17	11
4. South Wynad	941	1332	11	429	952	1761	258	219
Total	6677	11562	68	6001	6745	17563	901	608

Table 2 (contd).

TALUKWISE AREA UNDER RUBBER AT THE END OF 1980-81

NAME OF DISTRICT/TALUK/ STATE/TERRITORY	REGISTERED						UNREGISTERED	
	HOLDINGS		ESTATES		TOTAL		No. of units	Area in hect- ares
	No. of units	Area in hect- ares	No. of units	Area in hect- ares	No. of units	Area in hect- ares		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
11. Cannanore District								
1. North Wynad	793	998	1	38	794	1036	149	134
2. Cannanore	61	154	—	—	61	154	11	10
3. Tellicherry	2682	4563	7	669	2689	5232	599	585
4. Taliparamba	6873	9385	21	1110	6894	10496	1099	804
5. Hosdurg	2385	3711	18	1152	2403	4863	251	244
6. Kasargod	100	197	5	171	105	368	8	8
Total	12894	19009	52	3140	12946	22149	2117	1785
KERALA TOTAL	150578	168732	479	51134	151057	219866	22376	17803
12. Kanyakumari District								
1. Thovalai	43	131	13	902	56	1033		
2. Kalkulam	2074	2808	9	2405	2083	5210		
3. Vilevancoode	1406	2184	15	2854	1421	4848		
Total	3523	5130	37	5961	3560	11091	1367	3745
13. Madurai District	1	10	2	142	3	152		
14. Nilgiris ..	18	92	2	161	20	253		
15. Coimbatore ..	...	...	2	221	2	221		
16. Salem ..	2	23	...	...	2	23		
17. Tirunelveli ..	5	28	...	...	5	28		
TAMIL NADU TOTAL	3549	5283	43	6485	3592	11768	1367	3745
18. South Kanara District	281	461	17	5985	298	6446	252	354
19. Chickmagalur ..	8	77	2	98	10	175		
20. Coorg District	9	51	4	1253	13	1304	1	2
KARNATAKA TOTAL	298	589	23	7336	321	7925	253	356
ANDAMAN & NICOBAR ISLANDS	—	—	4	988	4	988		
TRIPURA	13	40	1	470	14	510	53	2194
GOA	5	10	2	401	7	411	2	5
ANDHRA PRADESH	2	1	1	30	3	31		
MAHARASHTRA	1	4	—	—	1	4	1	15
GRAND TOTAL	154446	174659	553	66844	154999	241503	24061*	26429*

* Including unregistered area under commercial/experimental plantations in North Eastern region, Assam 664, Meghalaya 976, Manipur 127, Mizoram 407, Arunachal Pradesh 30 and Nagaland 7. All figures in hectares

Table 3

DISTRICTWISE PROGRESS IN PLANTED AREA UNDER RUBBER

NAME OF DISTRICT/ STATE/TERRITORY (1)	1961-62				1966-67			
	HOLDINGS		ESTATES		TOTAL		ESTATES	
	No. 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 (10)	Area in Hectares (11)
TOTAL								
No. of Units (12)								
Area in Hectares (13)								
1. Trivendrum	983	2393	22	1156	1010	4148	1791	4117
2. Oullon	7951	12360	87	10408	8038	22768	10785	14896
3. Allappay	2148	2204	2	115	2150	2319	3028	2951
4. Kottayam	36141	34448	115	10316	36256	44764	41829	39472
5. Ernakulam	8684	12918	54	4808	8738	17726	12649	16896
6. Trichur	320	1145	26	5673	346	6818	735	2139
7. Palghat	496	2141	58	3832	554	5973	942	3720
8. Kozhikode	2784	7541	116	10869	2900	18410	3916	10420
9. Cannanore	2790	7174	50	2740	2840	9914	4747	10255
Kerala	62302	82324	530	49916	67832	137840	80422	104756
10. Kanyakumari	534	1718	33	3878	567	5596	1194	2835
11. Madurai	1	11	2	142	3	163	1	10
12. Nilgiris	11	84	2	161	13	245	11	84
13. Coimbatore	..	..	2	221	2	221	..	..
14. Salem	2	23	..	..	2	23	2	23
Tamil Nadu	548	1836	39	4402	587	6238	1208	2952
Karnataka	17	127	10	1504	27	1631	56	272
Andamans and Nicobar Islands	..	..	1	171	1	171	..	..
Tripura	..	..	..	..	..	..	1	8
Maharashtra	..	..	..	..	..	..	1	16
Grand Total	62867	84887	580	55933	63447	140880	81688	108004
							647	63256
								82335
								171260

Table 3 (Contd.)

NAME OF DISTRICT/ STATE/TERRITORY	1971-72				1976-77				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. Tiruvandrum	3745	6002	28	1360	3773	7362	4840	8868	22	1039	4862	7907
2. Quilon	16943	19614	90	12230	17033	31844	19060	20892	81	12608	19141	33500
3. Alleppey	4217	3605	2	60	4219	3665	4596	3767	2	60	4598	3847
4. Kottayam	48339	43152	88	8673	48427	49926	56443	49513	71	9778	56514	95291
5. Idikki	8874	9285	32	5374	8906	14639	10442	10537	29	5077	10471	16614
6. Ernakulam	12377	14895	32	4067	12409	18962	15260	16864	25	3594	16285	20568
7. Trichur	1273	3367	26	5329	1299	8696	1473	3853	28	5271	1501	8924
8. Palghat	711	3109	29	1816	740	4925	1765	6669	45	2401	1810	8970
9. Malappuram	2925	10340	109	7399	3034	17739	3603	11079	86	6490	3689	17569
10. Kozhikode	4309	8982	85	6534	4394	15516	5420	10652	74	6332	5494	16984
11. Cannanore	7930	14302	61	3876	7991	18178	10129	17032	58	3527	10187	20559
Kerala	111643	136633	582	54718	112225	191351	133031	157546	521	52177	133952	209723
12. Kanyakumari	2883	4102	42	6054	2825	10156	3216	4791	39	6102	3255	10893
13. Madurai	1	10	2	143	3	153	1	10	2	142	3	152
14. Nilgiris	13	86	2	161	15	247	16	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	5	28	—	—	5	28	5	28	—	—	5	28
Tamil Nadu	2604	4249	48	8579	2652	10828	3242	4944	45	6626	3287	11570
Karnataka	209	433	15	5556	224	5989	242	525	23	7238	265	7763
Andaman and Nicobar Islands	—	—	4	556	4	556	—	—	4	938	4	938
Andhra Pradesh	1	1	1	30	2	31	2	2	1	30	3	32
Tripura	1	8	—	—	1	8	1	36	1	470	8	506
Maharashtra	—	—	—	—	—	—	—	—	—	—	—	—
Goa	3	18	—	—	3	18	7	27	—	—	7	27
Grand Total	114461	141342	650	67439	115111	208781	136532	163084	595	67479	137127	230563

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 3 (Contd.)

NAME OF DISTRICT/ STATE/TERRITORY	1978-79					1980-81				
	HOLDINGS		ESTATES		TOTAL	HOLDINGS		ESTATES		TOTAL
	No. of Holders (26)	Area in Hectares (27)	No. of Units (28)	Area in Hectares (29)		No. of Units (30)	Area in Hectares (31)	No. of Units (32)	Area in Hectares (33)	
1. Tiruvandur	5246	7120	22	1033	5268	8153	5475	22	1033	5497
2. Quilon	18996	21424	78	13509	18974	34933	21163	71	13118	21224
3. Alappay	4656	3823	2	52	4658	3875	4869	2	51	4861
4. Kottayam	59550	50269	70	5662	59620	55931	61846	61	5597	61907
5. Idikki	10955	10745	29	5057	10984	15902	12291	29	4928	12320
6. Ernakulam	18421	17780	23	3531	18444	21311	17528	21	3449	17549
7. Trichur	1539	3690	27	5260	1566	8950	1621	26	5138	1647
8. Palghat	1993	6845	47	2502	2040	9347	2077	7040	47	2484
9. Malappuram	3712	11314	83	5334	3795	17648	4057	80	6197	4137
10. Kozhikode	5048	11104	68	6173	6116	17277	6677	68	6001	6745
11. Cannanore	17250	17882	55	3396	11345	21188	12894	52	3140	12946
Kerala	140306	161996	504	52419	140810	214415	150576	479	51134	151057
12. Kanyakumari	3413	5013	39	6993	3452	11006	3523	37	5861	3560
13. Madurai	1	10	2	142	3	152	1	10	142	3
14. Nilgiris	18	92	2	161	20	253	18	92	2	161
15. Coimbatore	..	..	2	221	2	221	..	2	221	..
16. Salem	2	23	..	..	2	23	2	23	..	2
17. Tirunelveli	5	28	..	..	5	28	5	..	..	5
Tamil Nadu	3439	5166	45	6517	3484	11683	3549	43	6485	11768
Karnataka	254	557	23	7315	277	7972	298	23	7336	7925
Andaman & Nicobar Islands	..	..	4	988	4	988	..	4	988	4
Andhra Pradesh	2	1	1	30	3	31	2	1	30	3
Tripura	7	36	1	470	8	506	13	40	1	470
Maharashtra	1	4	..	1	4	1	4	..	1	4
Goa	5	10	2	401	7	411	5	10	2	401
Grand Total	144014	167770	680	68140	144694	235910	154446	653	66844	154939
Note : Refer to registered area only										

Table 4

STATEWISE DISTRIBUTION OF AREA

YEAR	KERALA		TAMILNADU	
	No. of Units (2)	Area in Hectares (3)	No. of Units (4)	Area in Hectares (5)
(1)				
1955-56	27133	78457	81	3773
1956-57	35473	88879	120	4187
1957-58	43783	99874	184	4393
1958-59	50005	109518	255	4687
1959-60	54822	116732	361	5111
1960-61	57280	122628	437	5508
1961-62	62832	132840	587	6238
1962-63	66206	137713	724	6576
1963-64	69874	144208	856	6804
1964-65	70917	146151	896	7223
1965-66	75026	154878	1073	7820
1966-67	81015	161074	1249	8082
1967-68	91802	169650	1487	8352
1968-69	98344	174734	1626	9248
1969-70	105112	182528	2206	9846
1970-71	108917	187762	2483	10015
1971-72	112225	191351	2652	10828
1972-73	117161	195493	2858	11009
1973-74	121799	199604	2984	11327
1974-75	125083	202318	3091	11455
1975-76	128578	205383	3203	11498
1976-77	133552	209723	3287	11570
1977-78	137078	212271	3392	11646
1978-79	140810	214415	3494	11683
1979-80	143858	215474	3534	11720
1980-81	151057	219866	3592	11768

Note : Refer to registered area only

UNDER RUBBER AT THE END OF EACH YEAR

KARNATAKA		ANDAMANS & OTHERS		TOTAL		YEAR
No. of Units (6)	Area in Hectares (7)	No. of Units (8)	Area in Hectares (9)	No. of Units (10)	Area in Hectares (11)	(12)
16	1503	3	134	27233	83867	1955-56
18	1578	3	195	35614	94839	1956-57
19	1589	1	171	43987	106027	1957-58
21	1594	1	171	50282	115970	1958-59
23	1598	1	171	55207	123612	1959-60
23	1598	1	171	57721	128905	1960-61
27	1631	1	171	63447	140880	1961-62
31	1689	1	171	66962	146149	1962-63
36	1755	2	179	70768	152946	1963-64
36	1755	3	195	71852	155324	1964-65
36	1755	5	260	76140	164713	1965-66
66	1844	5	260	82335	171260	1966-67
89	3160	7	430	93385	181592	1967-68
112	3102	8	430	100090	187614	1968-69
145	3740	9	589	107472	196703	1969-70
188	4708	10	613	111578	203098	1970-71
224	5989	10	613	116111	208781	1971-72
234	5997	10	613	120263	213112	1972-73
231	5998	10	613	125024	217540	1973-74
239	6544	15	948	128428	221265	1974-75
247	6585	19	962	132047	224428	1975-76
265	7763	23	1507	137127	230663	1976-77
284	7886	23	1556	140777	233359	1977-78
277	7872	23	1940	144594	235910	1978-79
282	7877	28	1943	147702	237014	1979-80
321	7926	28	1944	154999	241503	1980-81

Table 5

DISTRICTWISE CLASSIFICATION OF HOLDINGS & ESTATES ACCORDING TO SIZE AT THE END OF 1980-81

NAME OF DISTRICT/ STATE/TERRITORY	(AREA IN HECTARES)													
	HOLDINGS													
	Up to 0.40 hectares		Above 0.40 hectare		Above 2 hectares		Above 4 hectares		Above 6 hectares		Above 10 hectares		Total	
(1)	No. of units (2)	Area (3)	No. of units (4)	Area (5)	No. of units (6)	Area (7)	No. of units (8)	Area (9)	No. of units (10)	Area (11)	No. of units (12)	Area (13)	No. of units (14)	Area (15)
Tiruvandrum	866	221	3757	3446	568	1524	143	681	86	647	55	753	5475	7271
Quilon	4652	1190	14491	12131	1365	3754	412	1976	206	1533	117	1667	21153	22251
Kannur	1192	292	3462	2643	250	652	37	177	23	170	5	74	4959	4008
Kozhikode	17779	4779	40255	33148	2853	7446	551	2604	252	1847	156	2114	61846	51938
Idukki	2110	571	9331	7832	625	1590	106	490	79	583	40	569	12291	11635
Ernakulam	33665	879	12350	10653	1269	3374	307	1460	142	1034	74	1012	17528	18412
Trichur	73	20	996	1074	269	739	152	744	87	631	44	626	1621	3834
Palghat	83	24	971	1079	449	1247	358	1101	179	1321	156	2268	2077	7040
Malappuram	208	56	2132	2220	1000	2561	325	1507	235	1579	210	2543	3562	4252
Kozhikode	370	106	1566	1566	900	2254	285	1312	155	1117	149	2043	4697	11562
Cananore	1162	360	9370	8611	1570	3963	387	1797	210	1549	185	2729	12884	19009
Kerala State	31771	8488	101923	87567	10942	28844	3025	14191	1716	12709	1201	16823	150576	168732
Kanyakumari	1012	214	1784	1638	425	1139	165	761	79	574	58	804	3523	6130
Madurai	..	1	..	7	..	14	1	..	1	10	..	..	..	0
Nagpur	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Salimnagar	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Trissur	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tamil Nadu	1014	215	1790	1645	433	1160	166	767	80	584	66	912	3549	5283
Karnataka	9	3	215	211	42	116	16	75	8	57	8	127	298	569
Andaman & Nicobar Islands	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Assam	1	..	..	1	..	..	..	..	..	..	..	..	..	..
Goa	..	..	2	2	3	8	..	..	..	..	..	..	..	..
Maharashtra	..	..	..	..	1	4	..	..	..	..	..	..	..	..
Tripura	1	..	6	4	3	8	..	..	2	15	1	13	13	40
Grand Total	32796	8716	103537	89430	11424	30140	3207	15033	1806	13365	1276	17975	154446	174659

* Area negligible

Table 5 (Contd.)

ESTATES																Grand Total	
Above 40 hectares and upto and including 200 hectares				Above 200 hectares and upto and including 400 hectares				Above 400 hectares and upto and including 800 hectares				Total					
No. of units (16)	Area (17)	No. of units (18)	Area (19)	No. of units (20)	Area (21)	No. of units (22)	Area (23)	No. of units (24)	Area (25)	No. of units (26)	Area (27)	No. of units (28)	Area (29)	No. of units (30)	Area (31)		
16	476	6	657	5	1734	3	1326	4	2700	4	4568	22	1033	5497	8504		
32	874	23	1916	..	..	..	..	..	..	..	..	71	13118	21224	33869		
2	1138	12	911	3	792	4	1908	..	..	..	..	2	51	4961	4089		
4	1138	12	911	1	311	1	556	3	1995	1	846	61	5597	61907	57535		
14	213	9	605	..	..	..	..	..	..	..	..	29	4926	12320	18651		
11	291	9	605	..	..	..	..	..	..	..	..	21	3449	17549	21861		
10	297	10	892	3	1025	..	..	1	665	2	2159	26	5138	1647	8972		
24	682	23	1802	..	..	..	..	..	..	..	..	47	2484	2124	9524		
34	1016	42	3408	2	449	1	425	..	..	1	887	80	6197	4137	17969		
31	846	33	2642	1	218	1	425	1	691	1	1179	68	6001	6745	17563		
21	626	29	2075	2	439	..	..	..	..	..	..	52	3140	12946	22149		
236	6710	196	15719	17	4968	10	4672	9	6051	11	13014	479	51134	151057	219866		
12	315	18	1482	4	1395	1	469	1	784	1	1516	37	5961	3660	11091		
1	21	2	161	..	..	..	..	..	..	..	..	2	142	3	152		
..	..	2	221	..	..	..	..	..	..	..	..	2	161	20	283		
..	..	..	..	..	..	..	..	..	..	..	..	2	221	2	221		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	2	23		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	5	28		
13	336	23	1985	4	1395	1	469	1	784	1	1516	43	6485	3592	11768		
7	189	7	689	2	610	2	1006	..	..	5	4842	23	7336	321	7925		
1	24	1	171	1	202	1	591	..	..	..	..	4	566	3	31		
1	30	1	95	1	306	..	..	..	..	..	..	2	401	7	411		
..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	4		
..	..	..	..	..	..	..	..	..	..	..	..	1	470	14	510		
258	7289	228	18659	26	7481	15	7208	10	6835	17	19372	563	66844	154999	241603		

Note: Refer to registered area only.

Table 6

CLASSIFICATION OF HOLDINGS AND ESTATES

(AREA IN

YEAR	HOLDINGS									
	2 hectares and below		above 2 hectares and upto and including 4 hectares		Above 4 hectares		Total	40 hectares and below		
	Units (2)	Area (3)	Units (4)	Area (5)	Units (6)	Area (7)	Units (8)	Area (9)	Units (10)	Area (11)
1955-56	23364	18289	1948	5699	1475	12300	26787	36288	209	6781
1956-57	30492	22804	2889	8475	1784	14874	35165	46253	204	5790
1957-58	37849	27689	3446	10247	2221	18895	43516	56831	227	6500
1958-59	43405	33245	3843	11299	2537	21161	49785	65705	246	7001
1959-60	47436	35948	4529	13478	2729	22957	54684	72383	251	8060
1960-61	49636	38340	4660	13981	2878	24054	57174	76375	271	7590
1961-62	54581	42394	5124	15540	3162	26953	62867	84887	294	8568
1962-63	57524	44919	5428	16204	3410	28206	66362	89329	305	8940
1963-64	60957	48012	5679	16955	3514	29819	70150	94786	320	9388
1964-65	61967	49230	5722	17201	3537	29664	71226	96095	325	9458
1965-66	65477	51433	6175	18251	3852	32181	75504	101865	325	9558
1966-67	71095	55968	6558	19006	4035	33030	81688	108004	339	9993
1967-68	78789	56439	8728	22138	5216	36389	92731	116966	346	10191
1968-69	85353	61344	8952	22952	5145	38080	99450	122376	310	8613
1969-70	92004	65950	9466	24601	5355	40096	106825	130647	313	8955
1970-71	95414	68470	9922	25853	5593	42102	110929	136425	309	8771
1971-72	98431	71682	10301	27010	5729	42650	114461	141342	315	9050
1972-73	102985	74086	10618	27779	6028	44944	119631	146809	306	8742
1973-74	107317	77073	10919	28504	6161	45891	124397	151458	308	8810
1974-75	110340	79386	11220	29433	6255	46615	127815	155434	299	8537
1975-76	113757	81938	11386	29778	6306	47066	131449	158782	289	8235
1976-77	118591	85450	11579	30243	6362	47391	136532	163084	279	7921
1977-78	122390	88401	11517	30091	6286	46681	140193	165173	274	7792
1978-79	126367	91257	11377	30021	6270	46492	144014	167770	272	7766
1979-80	129617	93575	11258	29763	6263	46349	147138	169687	266	7614
1980-81	136733	98146	11424	30140	6289	46373	154446	174659	258	7289

Note: Refer to registered area only.

ACCORDING TO SIZE AT THE END OF EACH YEAR
(HECTARES)

ESTATES														GRAND TOTAL		YEAR (26)
Above 40 hectares and upto and including 200 hectares		Above 200 hectares and upto and including 400 hectares		Above 400 hectares and upto and including 600 hectares		Above 600 hectares and upto and including 800 hectares		Above 800 hectares		Total						
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)	Area (25)			
179	15047	33	9578	15	7513	4	2762	6	5898	446	47579	27233	83867	1955-56		
184	15661	34	9833	17	8533	4	2832	6	5937	449	48586	35614	94839	1956-57		
183	15279	34	9692	15	7312	5	3438	7	6975	471	49196	43987	106027	1957-58		
190	15696	33	9310	16	7881	5	3456	7	6921	497	50265	50282	115970	1958-59		
203	16346	31	8614	16	7844	5	3437	7	6928	513	51229	55207	123612	1959-60		
216	17812	29	8082	18	8768	5	3437	8	7841	547	53530	57721	129905	1960-61		
223	18587	32	8889	18	8926	6	4089	7	6934	580	55993	63447	140880	1961-62		
232	18956	32	8936	18	8926	6	4119	7	6943	600	56820	66962	146149	1962-63		
235	19138	31	8669	19	9441	4	2662	9	8862	618	58160	70768	152946	1963-64		
239	19945	30	8781	19	9472	4	2672	9	8901	626	59229	71852	155324	1964-65		
248	20476	30	8551	19	9400	4	2696	10	12169	636	62848	76140	164713	1965-66		
242	19808	32	8852	20	9737	4	2697	10	12169	647	63256	82335	171260	1966-67		
241	19836	33	9171	19	9339	4	2697	11	13392	654	64626	93385	181592	1967-68		
260	19854	34	8972	19	9190	4	2697	13	15612	640	63138	100090	187514	1968-69		
264	20240	32	8498	21	10333	5	3307	12	14723	647	66056	107472	196703	1969-70		
273	21318	29	8219	20	9966	6	4036	12	14363	649	66673	111578	203098	1970-71		
267	20981	29	7629	18	8770	7	4606	14	16503	650	67439	115111	208781	1971-72		
258	19973	29	7709	18	8770	7	4606	14	16503	632	66303	120263	213112	1972-73		
251	19560	29	7711	18	8737	7	4761	14	16503	627	66082	125024	217540	1973-74		
248	19747	26	6962	18	8671	8	5439	14	16475	613	65831	128428	221265	1974-75		
242	19332	27	7366	17	8100	9	6138	14	16475	598	65646	132047	224428	1975-76		
250	20026	24	6909	17	8167	10	6925	15	17531	595	67479	137127	230563	1976-77		
243	19736	25	7391	16	7807	10	6936	16	18524	584	68186	140777	233359	1977-78		
241	19616	25	7493	16	7792	10	6949	16	18524	580	68140	144594	235910	1978-79		
231	18804	25	7481	15	7208	10	6948	17	19372	564	67327	147702	237014	1979-80		
228	18859	25	7481	15	7208	10	6835	17	19372	553	66844	154999	241503	1980-81		

Table 7

AREA UNDER HOLDINGS AND ESTATES AT THE END OF

(AREA IN										
	1958-59	1959-60	1960-61	1961-62	1962-63	1963-64	1964-65	1965-66	1966-67	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	
HOLDINGS										
High Yielding	Budded	4057	5063	5657	6731	7500	8518	9046	10780	12129
	Clonal	12405	15271	17086	20707	23374	27220	28736	33149	36813
	Total*	16462	20334	22743	27438	30874	35738	37782	43929	50500
Ordinary		49243	52049	53632	57449	58455	59048	58313	57936	57504
Total		65705	72383	76375	84887	89329	94786	96095	101865	108004
ESTATES										
High Yielding	Budded	12231	13011	13818	14586	14853	15572	16384	18783	19178
	Clonal	7392	7927	9993	12231	12981	15013	16023	19896	20610
	Total*	19623	20938	23811	26817	27834	30585	32407	38679	43902
Ordinary		30642	30291	29719	29176	28986	27575	26822	24169	19354
Total		50265	51229	53530	55993	56820	58160	59229	62848	63256
TOTAL										
High Yielding	Budded	16288	18074	19475	21317	22353	24090	25430	29563	31307
	Clonal	19797	23198	27079	32938	36355	42233	44759	53045	57423
	Total*	36085	41272	46554	54255	58708	66323	70189	82608	94402
Ordinary		79885	82340	83351	86625	87441	86623	85135	82105	78858
Grand Total		115970	123612	129905	140880	146149	152946	155324	164713	171260

* Includes unclassified area also, hence may not tally

Note: Refer to registered area only

EACH YEAR UNDER DIFFERENT PLANTING MATERIALS

HECTARES)

1967-68 (11)	1968-69 (12)	1969-70 (13)	1970-71 (14)	1971-72 (15)	1972-73 (16)	1973-74 (17)	1974-75 (18)	1975-76 (19)	1976-77 (20)	1977-78 (21)	1978-79 (22)	1979-80 (23)	1980-81 (24)
13683	14788	16400	18353	21329	22165	24951	27061	28955	32379	35397	38112	40535	44186
42670	47019	51758	56733	61833	64388	67932	69785	70608	72217	72983	73656	73817	74122
57477	63189	68962	75617	83915	87220	93507	97618	101024	107837	113196	118009	122976	128498
59489	59187	61885	60808	67427	59589	57951	57816	57758	55247	51977	49761	46711	46161
116966	122376	130647	136425	141342	146809	151458	155434	158782	163084	165173	167770	169687	174659
20005	20364	21618	22571	24737	26788	26909	28590	28813	30115	31343	31355	30248	30901
23450	26204	27352	28799	29431	29876	31020	31527	31831	32400	32257	32105	31706	31030
47514	49954	53050	54672	57994	59941	60075	61985	63435	65750	66993	67299	66533	66050
17112	15184	13006	12001	9445	6362	6007	3846	2211	1729	1193	841	794	794
64626	65138	66056	66673	67439	66303	66082	65831	65646	67479	68186	68140	67327	66844
33698	35152	38018	40924	46066	48953	51860	55651	57768	62494	66740	69467	70781	75087
66120	72223	79110	85532	91264	94264	98952	101312	102439	104617	105240	105761	105523	105152
104991	113143	122012	130289	141909	147161	153582	159603	164459	173587	180189	185308	189509	194548
76601	74371	74691	72809	66872	65951	63958	61662	59969	56976	53170	50602	47505	46955
181592	187514	196703	203098	208781	213112	217540	221265	224428	230563	233359	235910	237014	241503

with the total of the previous two rows in all cases

Table 8

AREA UNDER RUBBER AT THE END OF 1980-81 UNDER
(AREA IN

PLANTED	HOLDINGS					ESTATES			
	Budded	High Yielding Clonal	Total	Ordinary	Total	Budded	High Yielding Clonal	Total	Ordinary
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Upto 1950-51	2056	734	2790	6684	9474	4557	1850	6407	350
In 51-52	52	89	141	76	217	187	150	337	35
" 52-53	35	181	216	404	620	270	159	429	13
" 53-54	55	401	456	584	1040	337	313	650	
" 54-55	443	963	1406	1704	3110	515	493	1008	
" 55-56	767	2314	3081	4285	7366	322	523	845	251
" 56-57	1364	3581	4945	5383	10328	872	654	1526	
" 57-58	1887	4976	6863	6149	13012	1161	727	1888	
" 58-59	1933	4459	6392	5734	12126	986	1087	2053	75
" 59-60	1796	3755	5551	3951	9502	781	1152	1933	61
" 60-61	1951	5168	7119	4177	11296	782	1226	2008	
" 61-62	2138	6901	9039	3613	12652	1012	3194	4206	9
" 62-63	2303	6682	8985	3388	12373	537	2463	3000	
" 63-64	1542	3904	5446	29	5475	1096	2289	3385	
" 64-65	1171	3666	4837		4837	1434	2221	3655	
" 65-66	995	3901	4896		4896	1326	2690	4016	
" 66-67	1055	4803	5858		5858	1460	2602	4062	
" 67-68	1228	4611	5839		5839	1426	2254	3680	
" 68-69	972	4404	5376		5376	1058	1365	2608	
" 69-70	1700	3626	5326		5326	1250	1746	3116	
" 70-71	1946	3694	5640		5640	2140	818	3104	
" 71-72	1870	775	2645		2645	1492	339	1872	
" 72-73	1802	238	2040		2040	1517	233	2086	
" 73-74	1880	129	2258		2258	1707	157	2269	
" 74-75	2373	50	3024		3024	611	138	1220	
" 75-76	2657	39	4093		4093	844	156	1561	
" 76-77	2502	44	4294		4294	548	51	1107	
" 77-78	1412	18	3449		3449	307		856	
" 78-79	1058	16	3277		3277	255		768	
" 79-80	1192		3165		3165	111		395	
" 80-81	51		51		51				
TOTAL	44186	74122	128498	46161	174659	30901	31030	66050	794

Note: (1) Column (4), (9), and (14) includes unclassified area also, hence need not tally with the
(2) Refer to registered area only

DIFFERENT PLANTING MATERIALS WITH THE YEAR OF PLANTING
HECTARES)

Total	Budded	TOTAL High Yielding Clonal	Total	Ordinary	Total	PLANTED
(11)	(12)	(13)	(14)	(15)	(16)	(17)
8757	6613	2584	9197	7034	16231	Upto 1950-51
372	239	239	478	111	589	In 51-52
442	305	340	645	417	1062	" 52-53
650	392	714	1106	584	1690	" 53-54
1008	958	1456	2414	1704	4118	" 54-55
1096	1089	2837	3926	4636	8462	" 55-56
1528	2236	4235	6471	5383	11854	" 56-57
1888	3048	5703	8751	6149	14900	" 57-58
2128	2919	5526	8445	5809	14254	" 58-59
1994	2577	4907	7484	4012	11496	" 59-60
2008	2733	6394	9127	4177	13304	" 60-61
4215	3150	10095	13245	3622	16867	" 61-62
3000	2840	9145	11985	3388	15373	" 62-63
3385	2638	6193	8831	29	8860	" 63-64
3655	2605	5987	8492	..	8492	" 64-65
4016	2321	6591	8912	..	8912	" 65-66
4062	2515	7405	9920	..	9920	" 66-67
3680	2654	6865	9519	..	9519	" 67-68
2608	2030	5769	7984	..	7984	" 68-69
3116	2950	5372	8442	..	8442	" 69-70
3104	4086	4512	8744	..	8744	" 70-71
1872	3362	1114	4517	..	4517	" 71-72
2086	3319	471	4126	..	4126	" 72-73
2269	3587	288	4527	..	4527	" 73-74
1220	2984	188	4244	..	4244	" 74-75
1561	3501	195	5654	..	5654	" 75-76
1107	3050	95	5401	..	5401	" 76-77
856	1719	18	4305	..	4305	" 77-78
768	1313	16	4045	..	4045	" 78-79
395	1303	..	3660	..	3660	" 79-80
	51		51	..	51	" 80-81
66844	75087	105152	194548	46955	241503	

total of the previous two columns in all cases.

Table 9
TAPABLE AREA, PRODUCTION AND AVERAGE YIELD PER HECTARE IN DIFFERENT STATES

(Tapable 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)	
1953-54	61570	19759	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	261	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	22195	335	3265	1890	578	1449	425	293	110	23	209	71000	24534	345	
1958-59	65415	22062	337	3222	1865	577	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	65385	23175	354	3305	2040	617	1483	452	305	110	30	272	70300	25697	365	
1961-62	69269	24854	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	33792	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	3195	677	1365	382	280	--	--	--	112700	50530	448	
1966-67	107298	50495	471	4812	3927	816	1390	396	285	--	--	--	113500	54818	483	
1967-68	111400	95978	538	4908	4048	825	1395	434	310	24	8	--	117700	64468	548	

Table 9 (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 kgs.)

YEAR (1)	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	116355	66473	568	4958	4100	827	1385	470	344	24	11	--	123300	71064	576
1969-70	126358	76897	609	5339	4526	848	1386	516	372	24	14	--	133100	81953	616
1970-71	134103	86773	647	5673	4859	857	1374	519	378	26	20	--	141200	92171	653
1971-72	142000	95469	673	5943	5140	865	1336	550	412	28	21	--	149300	101210	678
1972-73	148357	105934	721	6490	5739	884	1465	659	450	50	32	--	154960	112364	725
1973-74	165384	117221	750	7460	7036	943	1710	856	501	50	40	--	165800	125163	756
1974-75	160956	121558	755	7982	7523	942	1861	1012	544	80	50	--	170900	130143	762
1975-76	167742	128769	768	8257	7631	924	2392	1282	538	89	68	--	178500	137750	772
1976-77	173737	139349	802	8952	8535	953	2715	1667	614	190	81	--	185600	149832	806
1977-78	177884	135907	764	8980	8015	1003	3910	1959	501	216	106	--	191000	146987	770
1978-79	177055	123677	698	8952	9367	1046	3893	2100	539	400	153	--	190300	135297	710
1979-80	178651	136619	764	9195	9108	990	4012	2537	632	412	206	--	192500	148470	770
1980-81	179681	140333	780	9700	10446	1077	4004	2128	531	515	193	--	194200	153100	780
1981-82	181165	139455	770	9912	10510	1060	4344	2806	600	776	239	--	196200	152870	780

Table 10

MONTHWISE PRODUCTION OF NATURAL RUBBER

(Metric Tonnes)

MONTHS (1)	1866-67 (2)	1867-68 (3)	1868-69 (4)	1869-70 (5)	1970-71 (6)	1971-72 (7)	1972-73 (8)	1973-74 (9)	1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
April	4250	4745	5176	5602	6213	6810	7556	8507	9418	10102	10672	11074	8386	9740	11610	12070
May	4460	4802	5750	6570	7392	8356	8487	9463	9970	11575	12017	12523	11130	13733	15350	15360
June	4586	5209	5022	6370	6826	7560	8608	9652	11102	11158	12455	12980	7615	9982	7750	7365
July	3675	5075	3960	4850	5946	6620	7106	8418	8710	9844	10789	10266	7150	8915	7580	8040
August	3950	5358	5150	6620	7173	7460	8383	8531	4202	9084	11552	12526	8130	9710	8650	9730
September	3895	5480	6880	7615	8042	8445	9366	11577	11807	11525	12277	12314	15626	12685	16560	9860
October	5475	6068	7145	7770	8750	9680	11028	12185	13837	11546	13323	11105	17070	17780	17830	17980
November	6493	7245	7030	9297	10424	11350	12421	13613	15168	14861	15042	16663	13500	14365	18300	19200
December	6886	7208	8454	8770	11850	12848	14091	15958	16808	17303	18679	19512	18400	19980	19770	21760
January	5797	6693	7350	8464	9782	10669	12514	13568	13882	14983	16069	16182	16740	17440	15800	17840
February	2047	2453	3187	3538	3718	4321	4918	5510	6099	6413	6731	6442	6580	6260	5855	5750
March	3305	4132	4850	5487	6255	7091	7876	8151	9040	9356	9826	5380	6990	7860	7645	7925
Total	54818	64468	71054	81953	92171	101210	112364	125153	130143	137760	149632	146987	135297	148470	153100	152870

Table 11

PRODUCTION OF HOLDINGS AND ESTATES

(Metric Tonnes)

Year (1)	Holdings (2)	Estates (3)	Total (4)
1950-51	3387	12443	15830
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	48117	112364
1973-74	75331	49822	125153
1974-75	79260	50883	130143
1975-76	84616	53134	137750
1976-77	83848	55784	149632
1977-78	94135	52862	146987
1978-79	88767	46530	135297
1979-80	103210	45280	148470
1980-81	107700	46400	153100
1981-82	109160	43710	152870

Table 12

DISTRICTWISE PRODUCTION OF

DISTRICT/STATE	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	(Metric 1973-74
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Trivandrum	1430	1724	2079	3413	3581	4136	4587	5061
Quilon	9498	12397	12146	14447	16141	18058	20183	22827
Alleppey	528	805	936	1567	1713	1770	1919	2163
Kottayam	16870	19473	21296	23973	26907	24155	27491	31190
Idikki	..	..	..	..	..	7485	8188	9348
Ernakulam	5661	6375	8176	9442	11907	9349	10417	11192
Trichur	3921	4444	4601	5037	5700	5919	6312	6848
Palghat	2039	2425	3049	4218	1466	2048	2432	2849
Malappuram	..	..	..	..	6451	7786	8485	8612
Kozhikode	8287	9421	9815	10120	7656	7991	8126	8515
Cannanore	2261	2914	4375	4680	5251	6802	7794	8587
Kerala State Total	50495	59978	66473	76897	86773	95499	105934	117211
Outside Kerala	4323	4490	4581	5056	5398	5711	6430	7842
Grand Total	54818	64468	71054	81953	92171	101210	112364	125153

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.

Figures from 1979-80 onwards are provisional.

NATURAL RUBBER

Tonnes)

1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
5042	5223	5323	5428	5080	5681	5933	5906
22660	24185	26032	25107	24060	24651	25561	25984
2179	2409	2468	2442	1730	2687	2771	2767
32277	34021	35340	34103	32187	35373	36145	36842
9701	10187	10842	10804	10140	10764	11140	11487
11507	12292	13443	13291	11421	13551	13929	13934
6823	7190	7883	7602	6408	6978	6739	6083
3450	3816	4453	4454	4263	4386	4516	4380
8932	9132	10696	10640	9785	10351	10571	9931
9392	10076	11126	10625	9323	10319	10730	10591
9596	10238	11743	11411	9300	11878	12298	11550
121558	128769	139349	135907	123677	136619	140333	139455
8585	8981	10283	11080	11620	11851	12767	13415
130143	137750	148632	146987	135297	148470	153100	152870

Table 13

MONTHWISE IMPORT OF NATURAL RUBBER

(Metric Tonnes)

MONTHS (1)	1966-67 (2)	1967-68 (3)	1968-69 (4)	1969-70 (5)	1970-71 (6)	1971-72 (7)	1972-73 (8)	1973-74 (9)	1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
April	248	1885	165	1271	44	33	16	47	..	..	..	..	..	11100	300	3950
May	603	1872	62	2278	268	20	..	..	..	..	..	..	..	2225	..	5850
June	271	1192	10	3182	33	..	52	..	..	..	..	..	..	250	100	4950
July	220	763	5	881	82	56	80	5	..	..	..	..	..	2581	..	4100
August	747	1653	7	1979	891	6	83	..	..	..	..	..	..	4100	..	..
September	2459	804	12	3249	384	99	12	..	..	..	..	..	3000	5975	..	9800
October	3837	202	1548	1950	572	38	29	..	..	..	..	..	9275	2269	..	407
November	2007	53	637	1376	105	40	25	..	..	..	..	..	..	1900	..	..
December	5077	45	1850	696	52	53	10	..	..	..	..	..	2475	1900	600	43
January	3910	8	361	595	13	15	54	..	..	..	..	..	..	..	..	507
February	1450	751	1484	60	..	60	..	..	..	..	..	..	..	..	5600	4314
March	3015	323	2407	304	25	17	19	..	..	..	..	..	..	..	2650	7869
Total	23544	9551	8548	17821	2469	437	380	52	NII	NII	NII	NII	14750	32200	9250	41280

Table 14

GRADEWISE IMPORT OF NATURAL RUBBER

		(Metric Tonnes)															
GROUP	(1)	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1	2888	1643	1232	1981	466	42*	..	5**	..	..	..	..	..	3000	7600	500	2126
2	9969	1207	3767	5536	559	3	..	..	..	..	..	..	..	4850	6950	4700	21800
3	4035	1510	1300	3137	247	..	8	..	..	..	..	..	..	1800	3650	800	7350
4	824	241	343	690	456	287	210	47	..	..	..	..	..	..	..	..	4
5	2765	2020	418	1826	490	..	..	..	..	..	..	..	..	..	..	..	..
6	3063	2930	1488	4488	26	..	..	..	..	..	..	..	..	..	..	..	..
7	..	..	..	..	..	..	..	..	..	..	..	..	..	..	400	200	650
Latex (drc)	..	..	..	..	225	57	162	..	..	..	..	..	..	..	..	..	..
Sole Crepe	..	..	..	..	163	..	..	..	..	..	..	..	..	..	..	..	..
S. M. R.	..	..	..	..	..	68	..	..	..	..	..	..	..	5100	13600	3050	9350
Total	23544	9551	8548	17821	2469	437	380	52	Nil	Nil	Nil	Nil	Nil	14750	32200	9250	41280

* including 3 tonnes of FA 80

** P. A. 80

Note:-
 Group 1 : R. M. A. 1, X & 1
 Group 2 : R. M. A. 2, 3 & Cuttings No. 1.
 Group 3 : R. M. A. 4, 5 & Cuttings No. 2.
 Group 4 : Precagulated Crepe, Pale Latex Crepe 1 X, 1, 2, & 3 FAQ
 Group 5 : Estate Brown Crepe Super 1 X
 Group 6 : Estate Brown Crepe 1 X & 2, Smoked Blanket & Remilled Crepe 2
 Group 7 : Estate Brown Crepe 3 X, Remilled Crepe 3 & 4
 FA 80 : Estate Brown Crepe
 SMR : Superior processing rubber
 T S R : Standard Malaysian Rubber (T S R)

Table 15

MONTHWISE CONSUMPTION OF NATURAL RUBBER

(Metric Tonnes)

MONTHS (1)	1966-67 (2)	1967-68 (3)	1968-69 (4)	1969-70 (5)	1970-71 (6)	1971-72 (7)	1972-73 (8)	1973-74 (9)	1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
April	5082	5698	6852	7033	7127	7464	7880	8276	10559	10124	10538	11709	12726	13730	12850	14670
May	4896	5886	7050	6491	6073	6634	7336	9228	10040	10029	10358	12062	12533	13850	13080	13975
June	6768	6155	7116	7496	7072	7334	8381	10173	11780	10829	11375	12737	12660	13200	14030	15385
July	5904	6214	7376	7872	6957	7873	8908	10736	11548	12120	11841	12851	14290	12985	14815	14730
August	5986	6661	7154	7178	7179	7834	9017	11608	10776	11683	11571	11874	13420	13750	14790	14650
September	5898	6583	7093	7695	7989	8094	9249	11787	10284	9972	11237	11666	12635	13050	14950	15200
October	5274	6371	6816	6926	6269	7516	7764	9943	10015	8227	10644	10790	12150	12800	14050	15115
November	5712	5866	7807	7539	8049	8917	8068	10759	10677	10611	12281	11182	14860	14950	15500	16490
December	6745	6652	7468	7621	8392	9229	9038	11401	12468	11386	12638	12750	15450	15660	15465	17600
January	5870	6168	7392	7160	7679	8298	8063	11568	11311	10425	12284	12201	14850	14040	14690	17595
February	5664	6688	7012	6922	7032	8546	9415	11761	11636	9951	11339	12282	14650	13790	14330	16340
March	5896	6576	7437	7280	7469	8615	9909	12062	11510	10635	11517	12861	14300	13440	15080	16670
Total	68885	74518	86615	86213	87237	96454	104028	130302	132604	125692	137623	144967	164524	165245	173630	188420

Table 16
GRADEWISE CONSUMPTION OF NATURAL RUBBER

(Metric Tonnes)

Grade (1)	1966-67 (2)	1967-68 (3)	1968-69 (4)	1969-70 (5)	1970-71 (6)	1971-72 (7)	1972-73 (8)	1973-74 (9)	1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
RMA Grades	48578	50975	62319	60910	60893	68669	70462	95131	98308	91031	96947	102312	113100	111910	118425	128530
Exakte Brown Crepes	12846	14875	15726	16923	16612	15518	18586	20635	20386	23102	25840	27174	31120	27058	30543	31605
Latex (drc)	4181	4717	5148	6469	6206	7020	6829	7846	7463	6352	8497	9033	10960	11690	13820	14930
Pile Latex Crepe & Sole Crepe	2582	2653	2265	2216	2400	1911	1997	2059	1757	1441	1737	1747	1450	2040	1845	1535
Block rubber	..	..	..	..	..	..	..	..	360	1348	3453	3111	8540	11270	7670	10120
Others	498	1298	1157	665	1126	3336	5854	4431	4340	2418	1149	1590	1354	1277	1327	1500
TOTAL	66665	74618	86615	88213	87237	96454	104028	130302	132504	125592	137623	144987	164524	165245	173830	188420

Table 17 STOCK OF NATURAL RUBBER WITH GROWERS, DEALERS AND MANUFACTURERS AT THE END OF EACH MONTH
(Metric Tonnes)

MONTHS	1970-71		1971-72		1972-73	
	G & D (1)	M (2)	T (3)	G & D (4)	M (5)	T (6)
April	11557	19336	30893	19305	19187	38492
May	11843	20617	32460	21632	19608	40240
June	13071	18956	32027	22377	18086	40463
July	13369	17729	31098	21019	18246	39266
August	13925	18056	31881	20570	18221	38791
September	16702	15595	32297	20819	18399	39218
October	17768	17393	35161	22321	19064	41405
November	19010	18647	37657	26765	18109	43874
December	21318	20289	41987	28550	18996	47546
January	22202	21518	43720	26569	23348	49917
February	19013	21285	40298	21678	24074	45752
March	18385	20724	39109	20021	24265	44277
						29201
						23756
						52957

Note :
G - Growers
D - Dealers
M - Merchants
T - Total
Stock with manufacturers includes stock in transit as well as imported rubber

Table 17 (contd.)

MONTHS (10)	1973-74			1974-75			1975-76		
	G & D (11)	M (12)	T (13)	G & D (14)	M (15)	T (16)	G & D (17)	M (18)	T (19)
April	28716	23519	52235	23640	20079	43719	28024	14403	42427
May	28913	23577	52490	22531	20718	43649	28607	15866	44473
June	28119	23850	51989	23411	19510	42921	28072	16630	44702
July	27702	21949	48651	21446	18637	40083	28283	14793	43076
August	25844	20630	46574	16934	16576	33510	29907	11170	41077
September	24768	21596	46364	18006	16906	35032	32423	10607	43030
October	26394	22712	48606	21498	17455	38954	34873	11576	46449
November	25740	24530	50270	26534	17611	43445	38672	12027	50999
December	27328	27149	54477	29552	18533	47785	38288	16730	54018
January	28027	27850	55877	32553	17803	50366	41784	16792	58576
February	25101	24350	49451	26371	18448	44819	39560	15478	56038
March	23534	22526	45160	27628	14721	42349	39936	13823	53760

Table 17 (contd.)

MONTHS (20)	1975-77			1977-78			1978-79			1979-80		
	G & D (21)	M (22)	T (23)	G & D (24)	M (25)	T (26)	G & D (27)	M (28)	STC* (29)	T (30)	G & D (31)	M (32)
April	40667	13426	54093	38159	13816	51975	27462	12205	..	39667	15570	12470
May	41871	13231	55102	38516	13420	51936	24917	13335	..	38252	15117	18360
June	41116	13806	54922	37281	13358	50639	19170	14035	..	33205	13060	18235
July	38213	15607	51820	34855	12944	47789	14780	11276	..	26056	10960	17040
August	36154	15147	51301	34215	14236	48451	10223	8543	..	18766	12430	14970
September	38857	13159	52016	34942	14030	48972	14477	7280	3000	24757	13800	15600
October	41548	13047	54595	33726	14111	47837	19819	10348	8787	38855	17360	18570
November	42081	13800	55881	39324	13019	52343	21240	14391	1889	37500	19380	16860
December	45845	14527	60172	43801	13613	57414	22820	18431	1689	42940	26530	16475
January	47077	15475	62552	45120	14976	60096	24560	18854	1426	44830	28310	18500
February	41233	16011	57244	38205	14238	52443	17590	17940	1330	36660	22410	17200
March	37682	15403	53085	30163	13864	44027	14200	14320	995	29515	15720	18210

* Stock of imported rubber. Indigenous stock prior to September '78, with STC is clubbed with stock of growers and dealers.

Table 17 (Contd.)

Months (35)	1980-81			1981-82				
	G & D (36)	M (37)	STC (38)	T (39)	G & D (40)	M (41)	STC (42)	T (43)
April	17490	16365	10117	43970	14910	16880	2862	34752
May	19910	17330	9004	48240	18080	20010	3694	41784
June	16310	16405	7340	40055	16560	20350	1787	38697
July	12530	13345	6945	32820	16110	19015	984	36109
August	10370	11900	4439	26700	14535	16220	422	31177
September	14090	12260	2373	28700	16635	13165	5920	35640
October	18270	12840	1278	32500	21760	15140	2010	38910
November	20630	13850	822	35300	25380	16475	860	41720
December	23535	15055	1115	40100	27230	18210	479	45919
January	24333	16820	62	41215	26150	20030	578	46750
February	17910	20360	184	38340	17300	20570	2614	40480
March	13660	17680	2065	33700	14200	23600	2005	39700

Table 18

MONTHWISE PRODUCTION OF SYNTHETIC RUBBER

(Metric Tonnes)

MONTHS	1965-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)
April	7	613	2357	3017	2953	2736	3031	3170	1139	2031	936	1803	2383	3096	1821	3164
May	568	1635	2198	2349	2842	3383	2694	3065	1	2306	1067	2390	2346	2889	2522	3492
June	747	2347	2648	2993	2450	3056	2169	675	1203	2388	2433	2231	1200	2335	2861	2677
July	2268	1901	1023	531	2790	221	2372	748	1679	1131	1820	1750	1628	3620	1972	1194
August	2338	440	2158	3	3653	2121	1342	1349	1822	900	1280	2243	2960	2388	2297	1670
September	2653	678	2732	614	262	3536	2709	2647	2687	1697	2304	2174	2791	2360	3925	2138
October	2234	2065	2332	3010	3068	3443	1941	3210	1190	2674	2449	2492	2846	3308	1081	2631
November	2798	2453	2289	3025	3740	3120	1392	1630	875	1878	1166	2361	2231	3166	995	1613
December	2091	2942	2555	3506	2237	2297	1194	1530	1808	2625	2671	2753	3045	2224	1280	3156
January	2051	2233	2826	3226	2664	2446	134	572	2155	2446	1964	2499	984	1474	1390	1468
February	2245	1624	1451	2991	2727	3051	1447	3182	2409	2815	2295	1755	3191	1265	2091	1761
March	2458	1031	1289	3424	3705	3601	1407	1764	567	1988	2661	2402	2451	1279	3348	3435
Total	22368	19942	25868	28669	29791	32911	21832	23542	17712*	25119*	23212*	27288*	28054	29524	25293	28499

* Including production of latex, vide Table 19

Table 19

GRADEWISE PRODUCTION OF SYNTHETIC RUBBER

(Metric Tonnes)

Grade (1)	1966-67 (2)	1967-68 (3)	1968-69 (4)	1969-70 (5)	1970-71 (6)	1971-72 (7)	1972-73 (8)	1973-74 (9)	1974-75 (10)	1975-76 (11)	1976-77 (12)	1977-78 (13)	1978-79 (14)	1979-80 (15)	1980-81 (16)	1981-82 (17)
SBR—1500	7171	5775	4070	4918	5927	6940	4029	..	..	..	..	6206	..	..	..	..
SBR—1502	3633	3296	3644	6475	6847	4282	3714	9374	82	..	..	7634	7932	5525	5722	4317
SRB—1513	..	..	121	625	..	325	892	297	..	..	..	..	..	..	..	..
SBR—1552 X	..	..	..	..	..	..	..	..	6519	11564	9413	3238	..	..	..	..
SBR—1712	8706	7300	13421	13221	12283	15025	8249	5512	..	..	..	5531	7865	7110	5823	6274
SBR—1752 X	..	..	..	..	..	..	..	..	5159	8479	7860	1745	..	..	..	..
SBR—1941 X	..	..	..	..	..	..	..	..	4132	4403	5373	1775	..	..	..	..
SBR—1958	2066	3434	3708	4049	3917	5307	5539	5786	..	..	..	..	6372	7359	6825	5756
E. P. B./ER	..	16	7	..	492	865	4	2752	1831	475	..	..	..	..	..	..
Latex (dic)	..	..	..	..	..	..	..	..	177	40	276	435	302	275	272	214
Nitrile	..	..	..	..	..	..	..	12	112	158	182	596	198	908	203	522
Polybutadiene	..	..	..	..	..	..	..	..	..	..	..	..	5395	8347	6448	11416
Others	782	..	393	26	..	..	..	104	..	..	8	128	..	..	..	..
Total	22368	19942	25668	28689	29791	32911	21832	23542	17712	25119	23212	27289	28054	29524	25293	28499

Source: Synthetics and Chemicals Ltd. & Indian Petrochemical Corporation Ltd.

Table 20 GRADEWISE CONSUMPTION OF SYNTHETIC RUBBER

(Metric Tonnes)																
GRADE (1)	1957-58 (2)	1958-59 (3)	1965-70 (4)	1970-71 (5)	1971-72 (6)	1972-73 (7)	1973-74 (8)	1974-75 (9)	1975-76 (10)	1976-77 (11)	1977-78 (12)	1978-79 (13)	1979-80 (14)	1980-81 (15)	1981-82 (16)	
Styrene Butadiene Rubber	20266	24198	26569	28118	31565	27561	17476	18437	26033	26974	25765	24725	22778	25125	23355	
Butyl	1688	1516	1812	2702	3227	3683	3901	3490	3641	4233	4538	5415	5706	8410	7780	
Polychloroprene	314	340	384	460	549	422	414	325	379	436	436	564	690	950	816	
Nitrile	254	325	435	530	439	586	597	536	484	477	680	748	1170	1105	1010	
Polybutadiene	114	5	58	577	375	191	98	203	589	1159	1794	4258	8515	7150	10970	
Latex (all types)	432	597	636	673	788	1048	1262	1025	1017	1113	1308	1586	1554	2035	2153	
Others*	256	257	342	100	206	422	173	360	299	219	1629	3174	3075	425	382	
Total	23324	27238	30636	33160	37209	33913	23921	24376	32452	33701	36150	40470	42488	45200	46445	

* Include unclassified rubber also

Table 21 STOCK OF SYNTHETIC RUBBER AT THE END OF EACH MONTH

MONTHS (1)	(Metric Tonnes)														
	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
April	7579	8951	10297	13067	14306	15653	11260	14653	13829	11735	8475	10449	12560	14100	12300
May	7783	9596	10501	14119	15564	16373	12534	13462	14131	10324	8472	10210	13530	13800	15550
June	8173	10652	11100	14315	16234	16257	11269	13624	14464	10643	9059	8833	14390	13880	15930
July	8222	9876	9315	14675	14343	15620	10437	13848	13005	10388	8242	7700	15290	12890	14590
August	6896	9915	7260	13038	13977	14025	10423	14863	11649	9280	8241	7432	15190	11960	14500
September	5680	10075	8724	10940	15030	14052	11520	16413	11478	9469	9538	6830	14540	12600	15215
October	6343	10905	8673	12240	15792	13569	12962	15957	12405	9935	8899	8743	15560	11530	15780
November	7126	11219	7596	13533	15575	12239	12691	15245	12087	8375	9091	8700	17635	10470	15670
December	8274	11302	8540	12730	14681	10688	12575	14906	12268	8398	9772	9400	17410	10005	16440
January	8516	11841	9445	12585	14255	9132	12043	15604	12132	8259	10302	8410	16750	9800	16070
February	8754	10887	10586	12823	14531	9104	14094	15606	12604	8146	10489	9950	16400	9930	15390
March	8358	9751	12548	13994	15223	9286	14500	13878	12445	9090	10443	10700	15200	10900	12000

Table 22

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	2600*	3847	6046	..
1962-63	3000*	3858	6850	..
1963-64	4500*	3777	7932	..
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	..	17764	1288
1974-75	19360	..	18096	1050
1975-76	19881	..	19342	141
1976-77	20256	..	20957	973
1977-78	21617	..	21681	1282
1978-79	27618	..	26330	1045
1979-80	26786	..	26650	963
1980-81	29336	..	28560	1127
1981-82	26787	..	28160	..

* Approximately.

Source: For import and export data, "Monthly Statistics of Foreign Trade of India," published by the Government of India.

Table 23

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

(Metric Tonnes)

YEAR (1)	Natural (2)	PRODUCTION Synthetic (3)	Total (4)	Natural (5)	IMPORT Synthetic (6)	Total (7)	EXPORT Natural (8)	Natural (9)	CONSUMPTION Synthetic (10)	Total (11)
1950-51	15830	..	15830	4170	..	4170	864	19854	..	19854
1951-52	18667	..	18667	4853	..	4853	158	18509	..	18509
1952-53	20496	..	20496	2841	14	2855	93	20342	..	20342
1953-54	21588	..	21588	25	19	44	59	21412	15	21427
1954-55	21774	..	21774	3425	22	3447	21	26332	21	26353
1955-56	23730	..	23730	4428	1201	5629	12	28445	461	28906
1956-57	24304	..	24304	7341	3124	10425	81	29898	2866	32764
1957-58	24534	..	24534	11357	3014	14371	..	35774	3161	36235
1958-59	24169	..	24169	12538	4229	16767	..	35677	3477	37154
1959-60	24173	..	24173	15387	5718	21005	..	40497	4964	45465
1960-61	25697	..	25697	23125	8097	31222	..	48148	7397	55545
1961-62	27446	..	27446	22528	10121	32649	..	48410	10186	58596
1962-63	32439	..	32439	23350	10297	33647	..	53553	10723	64276
1963-64	39366	8075	47441	2195	3267	54623	..	61165	11959	73124
1964-65	46816	11533	58349	15003	3315	18318	..	61097	15285	76342
1965-66	50330	14741	65071	16357	2735	19092	..	63765	21553	85318
1966-67	54818	22358	77176	23544	5606	29150	..	68885	23592	92477
1967-68	64468	19842	84310	9551	3127	12678	..	74518	23324	97842
1968-69	71054	23868	94922	8548	2809	11457	..	86615	27238	113853
1969-70	81953	23869	105822	17621	4736	22357	..	86213	30636	116849
1970-71	92171	29791	121962	2469	5014	7483	..	87237	33160	120397
1971-72	101210	32911	134121	437	5627	6064	..	86454	37209	133663
1972-73	112364	21832	134196	380	6044	6424	..	104026	33813	137841
1973-74	125153	23542	148695	52	5609	5661	2700	130302	23921	154223
1974-75	130143	27712	157855	..	6939	6939	380	132604	24376	156980
1975-76	137750	25119	162869	..	5928	5928	..	125692	32452	158144
1976-77	149632	23212	172844	..	7716	12256	..	137623	33701	171324
1977-78	146397	27288	173685	..	10212	10212	11078	144967	36150	181117
1978-79	135297	28054	163351	14750	13525	28275	..	164524	40470	204994
1979-80	148470	29524	177994	32000	17661	49661	..	165245	42488	207733
1980-81	153100	25293	178393	9250	15806	25056	..	173530	45200	218730
1981-82	152570	28499	181069	41280	23358	64638	..	188420	46445	234865

Note: Exported 660 tonnes of Synthetic rubber in 1974-75

Table 24
TOTAL STOCK OF NATURAL AND SYNTHETIC RUBBER WITH PRODUCERS, DEALERS AND
MANUFACTURERS AT THE END OF EACH MONTH

MONTHS (1)	(Metric Tonnes)											
	1970-71 (2)	1971-72 (3)	1972-73 (4)	1973-74 (5)	1974-75 (6)	1975-76 (7)	1976-77 (8)	1977-78 (9)	1978-79 (10)	1979-80 (11)	1980-81 (12)	1981-82 (13)
April	43860	52798	59812	63495	58372	56256	65568	60450	50116	49170	58070	47050
May	48579	55794	61493	65024	57111	58004	65426	60408	48462	52250	60040	57330
June	46342	56697	61666	63238	56545	58668	65665	59698	42038	50140	53935	54530
July	45773	53608	59279	60088	53931	54931	62218	56041	33756	49590	45710	50690
August	45019	52768	57133	56997	48373	50979	60381	56892	26198	49550	38660	45700
September	43237	54248	57289	57884	51445	52658	61505	57410	28587	54810	41300	50855
October	47401	57197	60099	61568	54911	57004	64530	56734	38511	53680	44030	54680
November	51190	58449	63147	62951	58690	60936	64256	61434	46200	66120	45770	57370
December	54317	62227	66659	67062	62691	66286	68040	67136	52340	72010	50105	62340
January	56305	64172	68005	67920	65960	70708	70021	70398	53240	74750	51015	63820
February	53121	60283	64081	63545	60426	70333	65660	62932	48510	66570	48170	55870
March	53103	59000	62243	58660	56227	66204	62175	54470	40200	60110	44600	55900

Table 25
PRODUCTION, IMPORT, CONSUMPTION AND STOCKS OF NATURAL RUBBER AND SYNTHETIC RUBBER
(Metric Tonnes)

YEAR	NATURAL RUBBER						SYNTHETIC RUBBER					
	Production (2)	Import (3)	Total (4)	Consump- tion (5)	Excess (+) or deficiency (-) compared with consumption (6)	Stock at the end of the period (7)	Production (8)	Import (9)	Total (10)	Consump- tion (11)	Excess (+) or deficiency (-) compared with consumption (12)	Stock at the end of the period (13)
1960-61	25637	23125	48822	48148	+	674	9875	8097	8097	7397	+	700
1961-62	27446	22528	49974	48410	+	1564	11439	10121	10121	10186	-	65
1962-63	32239	23360	55599	53553	+	2046	13485	10287	10287	10723	-	426
1963-64	37487	28275	63762	61155	+	2607	16092	8812	16887	11559	+	4928
1964-65	45616	15003	60619	61057	-	438	14084	3315	14948	15295	-	337
1965-66	50530	16357	66887	63765	+	3122	16573	2735	17476	21553	-	4077
1966-67	54818	23544	78362	68685	+	9677	25978	5606	27964	23592	+	4372
1967-68	64468	9551	74019	74518	-	499	25348	3127	23069	23324	-	255
1968-69	71054	8548	79602	86615	-	7013	18222	2868	28777	27238	+	1539
1969-70	81953	17821	99774	86213	+	13561	31778	28689	4736	33625	+	2789
1970-71	92171	2469	94640	87237	+	7403	39109	29791	5014	34805	+	1645
1971-72	101210	437	101647	96454	+	5193	44277	5627	38538	37209	+	1329
1972-73	112384	380	112744	104028	+	8716	52957	21832	6044	27676	33913	6037
1973-74	125153	52	125205	130302	-	5057*	45160	23542	5609	29151	23921	5230
1974-75	130143	..	130143	132604	-	2461*	42349	17712	6939	24651	24376	275
1975-76	137750	..	137750	125692	+	12058	53759	25119	5928	31047	32452	1405
1976-77	148632	..	148632	137623	+	12009*	53085	23212	7716	30928	33701	2773
1977-78	146987	..	146987	144987	+	2020*	44027	27288	10212	37500	36150	1350
1978-79	135297	14750	150047	164524	-	14477	29515	28054	13525	41579	40470	1109
1979-80	148470	32200	180670	168245	+	15425	44910	29524	17661	47185	42488	4697
1980-81	153100	9250	162350	173630	-	11280	33700	25293	18506	41099	45200	4101
1981-82	152870	41280	194150	188420	+	5730	39700	28459	23358	51857	46445	5412
												16200

*Exported 2700 tonnes in 1973-74, 380 tonnes in 1974-75, 12266 tonnes in 1976-77 and 11078 tonnes in 1977-78.

Table 26

STATEWISE CONSUMPTION OF ALL KINDS OF RUBBER

(Metric Tonnes)

STATE/TERRITORY (1)	1965-66				1967-68			1968-70				
	Natural (2)	Synthetic (3)	Reclaimed (4)	Total (5)	Natural (6)	Synthetic (7)	Reclaimed (8)	Total (9)	Natural (10)	Synthetic (11)	Reclaimed (12)	Total (13)
West Bengal	27081	10234	6280	43615	31633	10638	7122	49393	31686	12198	7507	51391
Maharashtra	16018	5686	1809	23713	15105	5335	1841	22281	20823	3272	3064	33159
Tamil Nadu	9889	2768	1188	13845	12243	3105	1806	17154	15754	3922	2235	21911
Punjab	}	..	..	..	1654	109	75	1838	2226	160	238	2824
Haryana		4555	1901	95	6551	4538	2469	103	7110	5668	3126	187
Kerala	3353	517	293	4163	5443	1148	434	7025	4922	1034	491	6447
Delhi	1076	66	25	1167	1513	93	9	1615	2043	125	31	2199
Gujarat	882	70	5	957	797	100	25	922	1117	119	30	1266
Uttar Pradesh	444	32	17	493	678	86	34	808	917	83	51	1051
Karnataka	242	72	52	366	604	218	413	1235	548	543	391	1482
Others	215	7	..	222	310	13	..	323	509	54	30	593
Total	63765	21553	9774	95092	74518	23324	11862	109704	86213	30636	14255	131104

Table 26 (Contd.)

STATE/TERRITORY	1971-72			1973-74			1975-76					
	Natural (14)	Synthetic (15)	Reclaimed (16)	Total (17)	Natural (18)	Synthetic (19)	Reclaimed (20)	Total (21)	Natural (22)	Synthetic (23)	Reclaimed (24)	Total (25)
West Bengal	29825	11206	7139	48170	31635	5058	5925	42518	27300	9090	7482	43872
Maharashtra	24351	12648	3660	40659	29302	6341	3881	39534	28400	10688	4612	43860
Tamil Nadu	19346	5541	2885	27772	30098	5728	5262	41088	20900	4140	3526	28566
Punjab	2258	244	182	2684	4880	301	206	5387	5743	227	206	6776
Haryana	6422	3488	597	10507	11949	2982	1036	15947	11110	3109	688	14917
Kerala	7868	2115	560	10543	9035	1423	610	11068	9268	1062	1069	11399
Delhi	1811	420	130	2361	3837	380	92	4319	4168	591	196	4955
Gujarat	1515	282	65	1862	2185	198	94	2477	2138	447	230	2815
Uttar Pradesh	1401	189	43	1633	2100	372	82	2554	9672	1363	501	11336
Karnataka	935	935	377	2247	1677	828	317	2822	1920	953	644	3517
Goa	722	141	134	997	3704	320	269	4283	3483	268	78	3629
Others	..	..	..	..	..	..	..	..	1590	534	100	2224
Total	86454	37209	15772	149435	130302	23921	17784	172007	125692	32452	19342	177486

Table 26 (Contd.)

STATE/TERRITORY	1977-78				1978-79				1979-80			
	Natural (26)	Synthetic (27)	Reclaimed (28)	Total (29)	Natural (30)	Synthetic (31)	Reclaimed (32)	Total (33)	Natural (34)	Synthetic (35)	Reclaimed (36)	Total (37)
West Bengal	28023	6472	7117	41612	28169	6634	7589	42392	26408	7389	7568	40365
Maharashtra	28662	10834	4698	45214	35671	11186	5306	52163	34384	10282	5828	50494
Tamilnadu	18224	4067	3498	25769	19833	4423	3735	27991	17478	4193	2389	24040
Punjab	7651	395	548	8594	9505	1072	1741	12318	11400	1217	1908	14525
Haryana	11623	3806	812	16301	11661	4007	1158	16826	13659	4126	1459	19244
Kerala	15732	3102	2153	20987	16905	3297	2533	22735	18785	4626	2526	25937
Delhi	5692	648	333	6673	6075	1115	679	7869	6182	1324	790	8286
Gujarat	2573	825	386	3784	2782	1198	585	4565	2837	1217	563	4617
Uttar Pradesh	15085	3430	1175	19690	18041	3865	2050	24056	19919	4220	1647	25786
Karnataka	2468	724	587	3779	3480	858	534	4872	3588	852	671	5081
Goa	3154	195	198	3547	4164	186	118	4468	3501	178	69	3748
Rajasthan	2995	1121	79	4195	5563	1889	112	7564	5288	2311	76	7645
Andhra Pradesh	1493	111	40	1644	2038	235	80	2353	2171	224	97	2492
Others	572	360	57	989	637	405	110	1152	705	329	89	1123
Total	144967	36150	21681	202798	164524	40470	26330	231324	165245	42488	26660	233993

Table 28 (Contd).

STATE/TERRITORY	1980-81				1981-82			
	Natural (38)	Synthetic (39)	Reclaimed (40)	Total (41)	Natural (42)	Synthetic (43)	Reclaimed (44)	Total (45)
West Bengal	2714	7263	7971	42248	30140	6687	7481	43248
Maharashtra	33119	11260	6748	80147	30278	10240	8782	48780
Tamilnadu	17009	4019	2472	21501	16796	5699	2482	24887
Punjab	13232	1408	2463	17103	14134	2100	2328	17060
Haryana	14074	4297	1648	20019	15748	4819	1837	22384
Kerala	16293	4005	2253	26181	20819	4329	2451	27599
Delhi	6311	1144	1071	8526	8546	1276	1279	11107
Gujarat	3034	804	683	4121	3184	579	605	4368
Uttar Pradesh	22976	4616	2087	29679	24488	5007	2686	29181
Karnataka	6770	1836	699	8305	8860	2414	839	11113
Goa	2409	360	66	2814	2603	491	63	3157
Rajasthan	5482	2043	59	8084	7323	3112	218	10653
Andhra Pradesh	2223	226	186	2634	2744	307	354	3405
Others	761	410	46	1206	1037	418	77	1532
Total	179630	46200	26860	245660	186420	48448	28160	263228

Note: Till 1977-78, consumption of rubber by Madras Rubber Factory at their Kottayam unit was included in Tamilnadu, but from 1977-78 onwards it is included in Kerala.

Table 27

VALUE OF RUBBER IMPORTED FROM VARIOUS COUNTRIES

COUNTRY (1)	('000 Rs.)														
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)
	Natural Rubber and Gum														
Malaysia	28386	30779	11329	15552	44277	5431	127	671	..	26	..	56	102	112616	297805
Singapore	..	13880	5957	8276	7457	573	346	99	29	41	39	27	4	..	14523
Sri Lanka	8187	9464	4800	6073	10781	1879	977	627	183	..	..	..	..	27764	..
U. S. A.	202	32849	2397	1927	10274	683	947	146	44	151	12	430	11	..	93
Canada	326	3059	2651	883	239	1284	594	1356	2070	404	488	..	..	..	111
U. K.	377	557	184	6	395	39	403	133	106	18	70	122	85	1	39
Germany (FR)	46	41	178	54	360	433	361	147	20	80	..	23	191	12	306
France	120	236	474	548	326	60	204	93	..	92	546	1310	1492	..	616
Belgium	..	..	..	1716	355	..	21	80	63	731	1039	..	..	..	..
Others	13	46	113	12	92	213	927	813	1072	1222	582	803	1260	8	10998
Total	37657	90711	27883	35029	74556	10605	4507	4155	3597	2695	2776	2771	3155	140401	324491
	Synthetic Rubber and Substitutes														
U. S. A.	4182	5517	7339	5085	10720	9517	15694	7742	7222	9446	8584	9048	13684	20834	39421
Canada	3702	2527	2774	1724	4381	9390	4845	13001	14456	20045	6324	5177	6556	8449	1750
Germany (FR)	1274	5840	3169	2911	2131	3046	1231	2854	5110	6892	6184	7775	18716	17431	24633
U. K.	780	1555	1388	1479	1731	1619	5667	2373	352	551	1259	1733	2050	2417	2170
France	316	647	618	1216	906	592	794	244	209	2561	4501	3123	4648	9785	13396
Malaysia	231	18	122	71	94	..	..	4	..	..	..	..	47	15	1771
Netherlands	3	..	15	74	40	40	28	118	674	982	728	97	1052	174	561

Table 27 (contd.)

COUNTRY (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)	1970-71 (7)	1971-72 (8)	1972-73 (9)	1973-74 (10)	1974-75 (11)	1975-76 (12)	1976-77 (13)	1977-78 (14)	1978-79 (15)	1979-80 (16)
Synthetic Rubber and Substitutes (Contd.)															
Sri Lanka	168	..	115	300	..	..	48	27	..	..	..	..	..	..	50
Romania	..	6830	..	..	..	..	..	..	..	..	..	..	..	..	..
Belgium	56	178	207	621	411	1126	1267	688	2671	10815	28272	25632	27641	31030	43960
Germany (DR)	..	..	..	..	492	160	82	33	25	47	..	56	..	238	26
Japan	..	..	..	..	442	883	1435	4540	3691	13278	10744	25871	30422	48542	31077
Hungary	..	..	..	..	107	237	33	30	..	..	97	..	..	..	..
Others	181	562	245	406	61	610	429	742	780	1073	69	1033	1151	1407	32226
Total	10893	23574	15922	13868	21496	27680	31553	32412	35190	65690	65162	79545	104077	141322	186410
Reclaimed Rubber *															
Germany (FR)	87	213	34	..	..	8	24	14	..	..	..	..	..	..	..
Canada	..	125	26	..	..	..	..	..	..	..	..	..	..	..	..
U.K.	141	9	5	2	27	..	..	..	..	..	..	..	..	..	..
U.S.A.	20	11	..	..	152	..	..	..	..	..	..	1300	..	73	..
Netherlands	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Czechoslovakia	11	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Others	153	..	..	..	2	..	..	..	..	..	..	..	..	128	..
Total	412	359	65	2	181	8	24	14	Nil	Nil	Nil	1300	Nil	201	Nil

* 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 28

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.			
	Maximum price		Minimum price		Maximum price		Minimum price	
	Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
(1)	(2)		(3)		(4)		(5)	
Group 1								
RMA IX	73	8	72	0	79	8	78	8
RMA 1	72	8	71	8	78	8	77	8
RMA 2	71	0	70	0	77	0	76	0
Group 2								
RMA 3	69	8	68	8	75	8	74	8
Cuttings No. 1	68	8	67	8	74	8	73	8
RMA 4	68	0	67	0	74	0	73	0
RMA 5	66	8	65	8	72	8	71	8
Cuttings No. 2	65	8	64	8	71	8	70	8
Group 3								
Pale Latex Crepe IX	76	0	75	0	82	0	81	0
Pale Latex Crepe 1	74	0	73	0	80	0	79	0
Pale Latex Crepe 2	73	0	72	0	79	0	78	0
Pale Latex Crepe 3	72	0	71	0	78	0	77	0
Pale Latex Crepe 3 FAQ	72	0	71	0	74	0	73	0
Group 4								
Estate Brown Crepe IX	68	0	67	0	72	0	71	0
Estate Brown Crepe IX	68	0	67	0	72	0	71	0
Estate Brown Crepe 2X	66	0	65	0	72	0	71	0
Smoked Blanket	66	0	65	0	72	0	71	0
Group 5								
Remitted Crepe 2	66	0	65	0	68	0	67	0
Estate Brown Crepe 3X	62	0	61	0	67	0	66	0
Remitted Crepe 3	61	0	60	0	66	0	65	0
Remitted Crepe 4	60	0	59	0	66	0	65	0
Group 6								
Flat Bark	51	0	50	0	57	0	56	0
35% Normal Latex (excluding cost of containers)	71	8	72	8	79	8	78	8
Group 7								
50% to 85% Concentrated Preserved Latex (excluding cost of containers)	73	8	72	8	79	8	78	8
50% to 85% Concentrated Preserved Latex (excluding cost of containers)	73	8	72	8	79	8	78	8

(Continued)

dic. dry rubber content

Source: 1. Notification No. 19 (1)-P/47 dated 15-12-1947 and

2. Notification No. 15 (1)-RP/48 dated 7-6-1948.

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

Table 28 (Contd.)

GRADE AND QUALITY OF RUBBER		From 1-11-48 to 27-5-49 (*) F. O. B. Cochin for 100 lbs.				From 28-5-49 to 26-7-50 (*) F. O. B. Cochin for 100 lbs.			
		Maximum price		Minimum price		Maximum price		Minimum price	
		Rs.	P.	Rs.	P.	Rs.	P.	Rs.	P.
		(6)		(7)		(8)		(9)	
Group 1	RMA IX	91	8	0	8	0	90	8	0
	RMA I	90	8	0	89	8	0	89	8
Group 2	RMA 2	89	0	0	88	0	0	88	0
	RAM 3	87	8	0	86	8	0	86	8
	Cuttings No. 1	86	8	0	85	8	0	79	0
Group 3	RMA 4	86	0	0	85	0	0	83	0
	RMA 5	84	8	0	83	8	0	79	0
	Cuttings No. 2	83	8	0	82	8	0	73	0
Group 4	Preconsolidated Crepe								
	Pale Latex Crepe IX	94	0	0	93	0	0	95	0
	Pale Latex Crepe 1	92	0	0	91	0	0	93	0
	Pale Latex Crepe 2	91	0	0	90	0	0	91	0
	Pale Latex Crepe 3 F. A. Q.	90	0	0	89	0	0	89	0
Group 5	Estate Brown Crepe IX	86	0	0	85	0	0	79	0
	Estate Brown Crepe 2X	84	0	0	83	0	0	76	0
	Smoked Blanket	86	0	0	85	0	0	78	0
	Remitted Crepe 2	84	0	0	83	0	0	70	8
Group 6	Estate Brown Crepe 3X	80	0	0	79	0	0	65	8
	Remitted Crepe 3	79	0	0	78	0	0	64	8
	Remitted Crepe 4	78	0	0	77	0	0	59	0
	Flux Bark	69	0	0	68	0	0	55	0
Group 7	35% Normal Latex (excluding cost of containers)								
	Plus a premium of Rs. 17-8-0 per 100 lbs of drc	91	8	0	90	8	0	91	8
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)								
	Plus a premium of Rs. 43-0-0 per 100 lbs of drc	91	8	0	90	8	0	91	8
	Plus a premium of Rs. 17-8-0 per 100 lbs of drc								
	Plus a premium of Rs. 43-0-0 per 100 lbs of drc								

Source: 3. Notification No. 19 (1)—R7/48 dated 30-10-1948

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

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

drc: dry rubber content

[Continued]

Table 28 (Contd.)

Table 28 (Cont'd.)													
GRADE AND QUALITY OF RUBBER													
From 27.7-50 to 6-3.51 (³) F. O. B., Cochin for 100 lbs					From 7.3-51 to 20-5.51 (⁴) F. O. B., Cochin for 100 lbs.								
	Rs.	P.	Minimum price		Rs.	P.	Maximum price		Rs.	P.	Minimum price		
			A.	(10)			A.	(11)			A.	(12)	A.
Group 1	RMA IX	90	8	0	89	8	0	122	8	0	121	8	0
	RMA I	90	8	0	89	8	0	122	8	0	121	8	0
Group 2	RMA 2	89	0	0	88	0	0	121	0	0	120	0	0
	RMA 3	87	8	0	86	8	0	119	8	0	118	8	0
	Cuttings No. 1	80	0	0	79	0	0	112	0	0	111	0	0
	RMA 4	84	0	0	83	0	0	116	0	0	115	0	0
Group 3	RMA 5	80	0	0	79	0	0	112	0	0	111	0	0
	Cuttings No. 2	74	0	0	73	0	0	106	0	0	105	0	0
Group 4	Preaggregated Crepe	96	0	0	95	0	0	128	0	0	127	0	0
	Aggregated Crepe IX	94	0	0	93	0	0	126	0	0	125	0	0
	Pale Latex Crepe 1	92	0	0	91	0	0	124	0	0	123	0	0
	Pale Latex Crepe 2	91	0	0	90	0	0	122	0	0	121	0	0
	Pale Latex Crepe 3	90	0	0	89	0	0	122	0	0	121	0	0
	Pale Latex Crepe 3 FAQ	90	0	0	89	0	0	122	0	0	121	0	0
Group 5	Esstate Brown Crepe IX	82	0	0	81	0	0	114	0	0	113	0	0
	Esstate Brown Crepe 2X	79	0	0	78	0	0	111	0	0	110	0	0
	Smoked Blanket	82	0	0	81	0	0	116	0	0	115	0	0
	Remilled Crepe 2	74	8	0	73	8	0	106	8	0	105	8	0
Group 6	Esstate Brown Crepe 3X	71	0	0	70	0	0	103	0	0	102	0	0
	Remilled Crepe 3	69	0	0	68	0	0	101	0	0	100	0	0
	Remilled Crepe 4	63	8	0	62	8	0	95	8	0	94	8	0
	Flat Bark	55	0	0	54	0	0	87	0	0	86	0	0
Group 7	35% Nomal Latex (excluding cost of containers)	91	8	0	90	8	0	123	8	0	122	8	0
	Plus a premium of Rs. 17.8-0 per 100 lbs of drc												
	90% to 55% Concentrated Preserved Latex (excluding cost of containers)	91	8	0	90	8	0	123	8	0	122	8	0
	Plus a premium of Rs. 43.0-0 per 100 lbs of drc												
										Plus a premium of Rs. 17.8-0 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			
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										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			

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 28 (Contd.)

GRADE AND QUALITY OF RUBBER		From 21-5-51 to 27-10-52 (1) F. O. B. Cochin for 100 lbs.				From 28-10-52 to 14-2-55 (2) F. O. B. Cochin for 100 lbs.			
		Maximum price		Minimum price		Maximum price		Minimum price	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
		(14)		(15)		(15)		(17)	
Group 1	RMA IX	128	0	127	0	138	0	137	0
	RMA 1	128	0	127	0	138	0	137	0
	RMA 2	128	8	125	8	136	8	135	8
Group 2	RMA 3	125	0	124	0	135	0	134	0
	Cuttings No. 1	117	8	116	8	127	8	126	8
	RMA 4	121	8	120	8	131	8	130	8
Group 3	RMA 5	121	8	116	8	127	8	126	8
	Cuttings No. 2	111	8	110	8	121	8	120	8
	Precoagulated Crepe	133	8	132	8	143	8	142	8
	Pale Latex Crepe IX	131	8	130	8	141	8	140	8
Group 4	Pale Latex Crepe 1	128	8	128	8	139	8	138	8
	Pale Latex Crepe 2	128	8	127	8	138	8	137	8
	Pale Latex Crepe 3 FAQ	127	8	126	8	137	8	136	8
	Estate Brown Crepe Super IX	119	8	118	8	129	8	128	8
	Estate Brown Crepe 2X	116	8	115	8	126	8	125	8
Group 5	Smoked Blanket	119	8	118	8	129	8	128	8
	Remilled Crepe 2	112	0	111	0	122	0	121	0
	Estate Brown Crepe 3X	108	8	107	8	118	8	117	8
Group 6	Remilled Crepe 3	106	8	105	8	116	8	115	8
	Remilled Crepe 4	101	0	100	0	111	0	110	0
Group 7	Flat Bark	92	8	91	8	102	8	101	8
	35% Normal Latex (excluding 129 cost of containers)	129	0	128	0	139	0	138	0
	Plus a Premium of Rs. 17-8-0 per 100 lbs. of drc.								
	50% to 55% Concentrated Preserved Latex (excluding cost of containers)	129	0	128	0	139	0	138	0
	Plus a Premium of Rs. 43-0-0 per 100 lbs. of drc.								

Source : 7. Notification No. SRO 759 dated 21-5-1951 and

8. Notification No. 30 (5) Plant/52 dated 27-10-1952.

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

[Continued]

Table 28 (Contd.)

GRADE AND QUALITY OF RUBBER

		From 15-2-55 to 23-9-55 (*)				From 24-9-55 to 31-3-61 (*)			
		F. O. B. Ceylon for 100 lbs.				F. O. B. Ceylon for 100 lbs.			
		Maximum price Rs.	A. (18)	P. (18)	Minimum price Rs.	A. (20)	P. (20)	Maximum price Rs.	Minimum price Rs.
Group 1	RMA IX	150	0	0	149	0	0	155	12
	RMA 1	150	0	0	149	0	0	155	12
Group 2	RMA 2	148	8	0	147	8	0	154	4
	RMA 3	147	0	0	146	0	0	152	12
	Cuttings No. 1	139	8	0	138	8	0	145	4
Group 3	RMA 4	143	8	0	142	8	0	149	4
	RMA 5	133	8	0	132	8	0	145	4
	Cuttings No. 2	133	8	0	132	8	0	139	4
Group 4	Precoagulated Cuspe	155	8	0	154	8	0	161	4
	Pale Latex Crepe IX	153	8	0	152	8	0	159	4
	Pale Latex Crepe 1	151	8	0	150	8	0	157	4
	Pale Latex Crepe 2	150	8	0	149	8	0	156	4
	Pale Latex Crepe 5	149	8	0	148	8	0	155	4
Group 5	Estate Brown Crepe Super IX	145	8	0	144	8	0	151	4
	Estate Brown Crepe IX	141	8	0	140	8	0	147	4
	Estate Brown Crepe 2X	138	8	0	137	8	0	144	4
	Smoked Blackleaf	141	8	0	140	8	0	147	4
	Remilled Crepe 2	134	0	0	133	0	0	139	12
Group 6	Estate Brown Crepe 3 X	130	8	0	129	8	0	136	4
	Remilled Crepe 3	125	8	0	124	8	0	134	4
	Remilled Crepe 4	123	8	0	122	8	0	128	12
Group 7	Flat Bark	114	8	0	113	8	0	120	4
	35% Normal Latex (ex-cluding cost of containers)	151	0	0	150	0	0	156	12
	50% to 55% Concentrated Preserved Latex (ex-cluding cost of containers)	151	0	0	150	0	0	156	12

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

[Continued]

Source: 9 Notification No. 30 (E) Plm/52 dated 15-2-1956 and

10 Notification No. SRO 2105 dated 24-9-1956 issued by the Ministry of Commerce and Industry, Govt. of India

Table 2B (Contd.)		From 3-5-60 to 31-3-61 (11) F. O. B. Cochin for 100 lbs.	From 1-4-61 to 27-4-62 (12) F. O. B. Cochin for 50 Kgs.		
GRADE AND QUALITY OF RUBBER		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
Group 3	Cuttings No. 1			163.23	162.13
	RMA 4			167.64	166.54
Group 4	RMA 5			163.23	162.13
	Cuttings No. 2			146.62	145.52
Group 5	Precoagulated Crepe			170.87	169.77
	Pale Latex Crepe IX			168.66	167.56
Group 6	Pale Latex Crepe 1			168.36	167.26
	Pale Latex Crepe 2			165.36	164.26
Group 7	Pale Latex Crepe 3 FAQ			164.26	163.16
	Estate Brown Crepe Super IX			159.84	158.74
Group 8	Estate Brown Crepe IX			154.43	153.33
	Estate Brown Crepe 2X			155.43	154.33
Group 9	Smoked Blanket			167.17	166.07
	Remilled Crepe 2			143.31	142.21
Group 10	Estate Brown Crepe 3x			141.11	140.01
	Remilled Crepe 3			135.04	133.94
Group 11	Remilled Crepe 4			126.67	125.57
	Flat Bark			164.80	163.70
Group 12	Normal Latex upto 35% concentrates	Rs. 155.75 Plus a Premium of Rs. 17.50 per 100 lbs. of drc.	Rs. 154.75 Plus a Premium of Rs. 17.50 per 100 lbs. of drc.	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 Plus a Premium of Rs. 33/- per 100 lbs. of drc.	Rs. 154.75 Plus a Premium of Rs. 33/- per 100 lbs. of drc.	164.80 Plus a Premium of Rs. 36.38 per 50 Kgs. of drc.	163.70 Plus a Premium of Rs. 36.38 per 50 Kgs. of drc.
Group 13	Latex concentrates of 51% to 62% (both inclusive)	Rs. 155.75 Plus a Premium of Rs. 43/- per 100 lbs. of drc.	Rs. 154.75 Plus a Premium of Rs. 43/- per 100 lbs. of drc.	164.80 Plus a Premium of Rs. 47.40 per 50 Kgs. of drc.	163.70 Plus a Premium of Rs. 47.40 per 50 Kgs. of drc.

Continued

Source: 11. Excluding cess
12. Notification No. 2177 dated 1-9-1960 and
Notification No. 663 dated 24-3-1961
Issued by the Ministry of Commerce & Industry, Govt. of India.

[Continued]

Table 28 (Contd.)

GRADE AND QUALITY OF RUBBER	From 28-4-62 to 15-12-63 (13)		From 20-10-67 to 13-9-70 (15)		From 14-9-70 to 5-8-77 (17) Rs. per 100 Kgs. nearest		From 6-8-77 (18) From 17-4-79 to 15-9-81 Rs. per 100 Kgs. nearest	
	Maximum price/ Rs. (27)	Minimum price/ Rs. (28)	Maximum price/ Rs. (29)	Minimum price/ Rs. (30)	Maximum price/ Rs. (31)	Minimum price/ Rs. (32)	Maximum price/ Rs. (33)	Minimum price/ Rs. (34)
Group 1								
RMA IX	152.60	161.60	415.00	520.00	655.00	825.00	925.00	925.00
RMA 1	152.60	161.60	415.00	520.00	655.00	825.00	925.00	925.00
Group 2								
RMA 2	160.95	169.95	412.70	516.70	650.84	819.76	919.76	919.76
RMA 3	151.03	158.20	405.40	513.40	645.88	815.88	915.88	915.88
Cuttings No. 1	151.03	148.93	392.86	486.86	625.86	785.27	885.27	885.27
Group 3								
RMA 4	155.44	164.34	401.68	505.68	638.95	803.27	903.27	903.27
RMA 5	155.44	149.93	392.86	491.86	625.86	785.27	885.27	885.27
Cuttings No. 2	144.42	143.32	375.64	483.64	608.19	767.30	867.30	867.30
Group 4								
Preaggregated Crepe	168.67	167.57	428.14	522.14	670.38	844.26	944.26	944.26
Preaggregated Crepe IX	168.67	165.36	422.72	516.72	665.17	830.26	930.26	930.26
Pale Latex Crepe 1	164.26	162.08	416.12	521.12	655.40	820.26	920.26	920.26
Pale Latex Crepe 2	162.08	160.96	414.92	518.92	653.68	818.26	918.26	918.26
Pale Latex Crepe 3	162.08	160.96	414.92	518.92	653.68	818.26	918.26	918.26
Group 5								
Estate Brown Crepe Super IX	157.54	156.54	406.08	510.08	642.50	808.26	908.26	908.26
Estate Brown Crepe IX	157.54	152.13	397.26	501.26	630.26	796.26	896.26	896.26
Estate Brown Crepe 1X	148.83	145.83	380.26	484.26	620.26	786.26	886.26	886.26
Smoked Blanket	153.23	148.83	390.26	494.26	630.26	796.26	896.26	896.26
Remilled Crepe 2	144.01	140.01	373.02	477.02	613.02	779.02	879.02	879.02
Group 6								
Estate Brown Crepe 3K	141.11	137.81	368.96	472.96	608.31	774.32	874.32	874.32
Remilled Crepe 3	132.84	131.74	358.96	462.96	598.31	764.32	864.32	864.32
Group 7								
Flat Bark	123.47	121.74	337.74	441.74	586.42	750.58	850.58	850.58
Normal Latex upto 35% concentrates	123.47	121.74	337.74	441.74	586.42	750.58	850.58	850.58
Latex concentrates of 35% to 50% (both inclusive)	123.47	121.74	337.74	441.74	586.42	750.58	850.58	850.58
Latex concentrates of 51% to 65% (both inclusive)	123.47	121.74	337.74	441.74	586.42	750.58	850.58	850.58

Prices notified from 28-4-62 onwards valid for Sales and Sales tax.

Note: 1 On 16th Dec, 1965 the maximum and minimum notified prices for various grades of rubber were revised. The revised prices are effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

2 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

3 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

4 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

5 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

6 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

7 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

8 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

9 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

10 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

11 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

12 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

13 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

14 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

15 On 16th Dec, 1965 the maximum price (15) Effective from 1-1-1966. The minimum price then fixed by the Govt. till 13-10-1967.

Table 29

MARKET PRICE OF INDIGENOUS NATURAL RUBBER
(AVERAGE PRICE IN RS. PER 100 KG. FOR LOT RUBBER IN KOTTAYAM MARKET)

Month (1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82	
April	375.63	584.10	471.60	453.02	482.04	468.21	689.40	831.72	654.70	608.80	700.10	1074.17	1023.33	1438.86
May	385.50	519.39	466.20	444.76	483.29	473.60	836.40	793.70	591.73	622.60	856.27	1149.42	1026.48	1377.08
June	395.29	520.41	454.21	435.84	468.03	478.29	899.40	807.12	585.19	612.30	960.50	1071.40	1048.00	1463.85
July	410.63	519.79	437.78	435.09	464.90	482.96	986.67	795.77	628.89	630.10	1088.33	1068.85	1195.63	1350.93
August	423.00	512.60	439.70	413.58	435.50	496.03	1003.80	764.78	599.71	656.00	970.00	1082.20	1248.91	1423.60
September	420.65	484.28	460.80	384.47	423.18	495.40	957.50	763.02	565.50	638.75	1182.00	945.22	1296.73	1389.05
October	438.13	476.50	470.00	400.64	436.93	490.20	777.30	701.39	536.30	649.50	938.20	969.58	1269.40	1372.73
November	515.00	479.48	481.83	394.86	438.30	484.71	716.85	721.75	595.10	627.60	896.92	942.00	1178.20	1359.00
December	545.14	492.38	473.35	377.45	442.34	495.41	716.35	715.00	572.50	610.38	974.00	907.08	1240.38	1414.81
January	564.08	483.09	476.95	423.13	472.40	509.58	904.40	696.31	608.30	637.30	956.54	1008.80	1307.88	1463.04
February	536.07	469.28	467.97	429.09	470.10	647.92	874.37	676.67	615.83	637.50	942.40	977.71	1338.48	1497.29
March	578.64	468.68	462.63	457.50	475.56	660.39	826.40	656.20	599.73	653.94	973.89	1003.65	1369.03	1517.41
Average	485.81	500.70	453.60	420.78	458.71	515.39	848.24	743.62	595.96	632.11	953.43	1016.51	1212.20	1430.66

Table 30

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	608.61
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	638.38
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	1116.82	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	916.00	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	1000.00	984.40	971.25
Average	1017.21	1001.52	978.85	964.86	946.22
April 1979	1132.30	1120.85	1101.10	1084.80	1071.90
May "	1235.45	1208.65	1188.75	1164.65	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	948.90	936.80
October "	1020.00	1012.50	993.45	983.10	968.55
November "	1001.00	993.75	985.00	963.60	940.10
December "	977.50	967.00	956.78	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 30 (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	1076.55	1057.70	1035.80
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	1466.70
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 31

STRUCTURE OF NOTIFIED PRICE OF R. M. A. I GRADE NATURAL RUBBER

DETAILS (1)	From 21-5-51 to 27-10-52	(Rs. per 100 lb) (2)	(Rs. per 100 lb) (3)	From 28-10-52 to 14-2-1955	(Rs. per 100 lb) (4)	(Rs. per 100 lb) (5)	From 15-2-55 to 23-9-1955	(Rs. per 100 lb) (6)	(Rs. per 100 lb) (7)	From 24-9-55 to 31-3-1961	(Rs. per 100 lb) (8)	(Rs. per 100 lb) (9)	From 1-4-61 to 19-10-1967	(Rs. per 100 lb) (10)	(Rs. per 100 lb) (11)	From 20-10-1967 to 5-8-1970	(Rs. per 100 lb) (12)	(Rs. per 100 lb) (13)
1. Cost of Production	70.42	155.25	85.36	188.19	85.36	188.19	85.36	188.19	85.36	188.19	85.36	209.13	242.69	343.50				
2. Grade differential to estate Costs addition to RMA I sheet rubber	4.75	10.47	4.75	10.47	4.75	10.47	4.75	10.47	4.75	10.47	4.75	10.47	4.85	3.78				
3. Rehabilitation allowance	6.82	15.04	6.82	15.04	6.82	15.04	6.82	15.04	6.82	15.04	6.82	15.04	9.00	19.84	11.67			
4. Ad hoc increase for cost and fund for rehabilitation	..	..	..	..	..	..	12.00	26.45	12.00	26.45	..	..	..	..	..			
5. Return on employed capital	43.75	96.45	38.57	85.03	38.57	85.03	38.57	85.03	38.57	85.03	40.00	86.18	156.66	157.31				
6. Total for RMA I sheet rubber to be retained by the growers	125.74	277.21	135.50	298.73	147.50	325.18	147.50	325.18	147.50	325.18	146.08	322.00	415.00 ^f	520.00 ^f				
7. Cess	0.50	1.10	0.50	1.10	0.50	1.10	6.25	13.79	6.25	13.79	13.25	28.21	30.00	30.00				
8. Sales tax	1.90	4.19	2.04	4.49	2.04	4.49	2.04	4.49	2.04	4.49	2.04	4.49	NA	NA				
Total	128.14	282.50	138.04	304.32	150.04	330.77	155.79	343.46	161.35	335.70	445.00							
Maximum	125.00	282.19	138.00	304.23	150.00	330.69	155.75	343.37	148.50 [*]	328.60	415.00X							
Minimum	127.00	279.99	137.00	302.03	149.00	328.49	154.75	341.16	148.50 [*]	327.40	415.00X							

Note: * Excluding cess. From 28th April 1962, sales tax was also removed from the price and the notified maximum and minimum prices for RMA I sheet rubber were fixed at Rs. 325.20 and Rs. 323.00 per 100 kg. respectively. On 16th Dec. 1963, Govt. raised the notified maximum and minimum notified prices. But subsequently on 15th Dec. 1963, Govt. reduced the notified maximum and minimum price which was in force prior to decontrol. The minimum price, then fixed was in force till 19-10-1967.

X Excluding cess and sales tax. On 16th Nov. 1968, Govt. lifted the maximum ceiling prices. Figures in columns 3, 5, 7, 9 & 10 give equivalent rates per 100 kg/lb. as the case may be.

f Rounded:

Table 32

AVERAGE PRICE OF INDIGENOUS SYNTHETIC RUBBER

Rs. per 100 kg.

	Styrene Butadiene (Bx-Bareilly price)			Poly butadiene (Ex-Baroda price)
	1500/1502/1552x	1712/1762	1958/1941x	1203/1220
1963-64	417.01	370.58	--	
1964-65	391.67	343.33	565.00	
1965-66	385.00	340.00	565.00	
1966-67	423.89	378.89	603.89	
1967-68	445.07	400.07	641.18	
1968-69	514.54	464.58	680.00	
1969-70	493.02	443.02	680.00	
1970-71	440.00	390.00	680.00	
1971-72	440.00	390.00	680.00	
1972-73	440.00	390.00	680.00	
1973-74	426.58	376.58	614.00	
1974-75	901.60	731.91	1226.12	
1975-76	778.75	720.00	1370.00	
1976-77	813.33	763.33	1378.33	
1977-78	855.00	805.00	1420.00	
1978-79	908.97	858.35	1440.11	853.08
1979-80	1222.10	1133.83	1732.28	975.74
1980-81	1507.42	1317.46	2019.17	1223.55
1981-82	1728.96	1541.81	2129.81	1414.40
15-4-82 onwards	1840.00	1640.00	2215.00	1477.48*

* Effective from 15-6-82 onwards

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

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

Table 33

DISTRIBUTION OF MANUFACTURERS ACCORDING TO THEIR TOTAL CONSUMPTION

CONSUMPTION IN METRIC TONNES	1961-62	1962-63	1963-64	1964-65	1965-66
(1)	(2)	(3)	(4)	(5)	(6)
10 and below	561	540	553	627	561
Above 10 and upto and including 50	79	121	113	98	170
.. 50 .. 100	35	33	32	30	40
.. 100 .. 500	32	41	41	44	49
.. 500 .. 1000	4	6	9	10	8
Above 1000	6	7	8	9	11
Total	717	748	756	818	839

CONSUMPTION IN METRIC TONNES	No. of Manufacturers (2)	1966-67			Total (6)
		Natural (3)	Synthetic (4)	Reclaimed (5)	
10 and below	676	2786	179	57	3022
Above 10 and upto and including 50	187	3977	349	146	4472
Above 50 and upto and including 100	65	3265	511	233	4009
Above 100 and upto and including 500	45	8520	1739	559	10818
Above 500 and upto and including 1000	10	3660	1245	1358	6263
Above 1000	12	46477	19569	8560	74606
Total	988	68685	23592	10913	103190

Table 33 (Contd.)

CONSUMPTION IN METRIC TONNES (7)		1969-70						1972-73					
		No. of Manufacturers (8)	Natural (9)	Synthetic (10)	Reclaimed (11)	Total (12)	No. of Manufacturers (13)	Natural (14)	Synthetic (15)	Reclaimed (16)	Total (17)		
10 and below		800	2339	233	179	2811	871	3851	665	211	4627		
Above 10 and upto and including 50		302	6280	1026	269	7575	353	8084	1322	394	9780		
Above 50 and upto and including 100		54	2974	711	295	3980	81	5411	1503	191	7105		
Above 100 and upto and including 500		72	10060	2929	1776	14785	67	10583	3072	933	14588		
Above 500 and upto and including 1000		12	5112	1948	1798	8868	10	4057	1055	1017	6129		
Above 1000		12	5944.8	23729	9938	93115	15	72082	26396	11920	110398		
Total		1252	86213	30636	14255	131104	1397	104028	33913	14666	152607		

CONSUMPTION IN METRIC TONNES (18)		1975-76						1976-77					
		No. of Manufacturers (19)	Natural (20)	Synthetic (21)	Reclaimed (22)	Total (23)	No. of Manufacturers (24)	Natural (25)	Synthetic (26)	Reclaimed (27)	Total (28)		
10 and below		1097	5133	671	486	6290	1094	3363	245	174	3782		
Above 10 and upto and including 50		503	12127	1819	1030	14976	583	11627	1639	1054	14320		
Above 50 and upto and including 100		135	9178	1597	628	11403	167	9226	1683	1028	11947		
Above 100 and upto and including 500		84	13425	3848	2168	19239	128	18730	4206	2070	26806		
Above 500 and upto and including 1000		10	4830	824	1450	7104	17	9036	1257	1431	11724		
Above 1000		15	80999	23895	13580	118474	14	85641	24661	14400	126702		
Total		1844	125692	32452	19342	177486	2003	137623	33701	20957	192281		

Table 32 (Contd.)

CONSUMPTION IN METRIC TONNES	1977-78						1978-79					
	No. of Manufacturers			Total			No. of Manufacturers			Total		
	(30)	Natural (31)	Synthetic (32)	Reclaimed (33)	(34)	(35)	Natural (36)	Synthetic (37)	Reclaimed (38)	(39)	(40)	(41)
10 and below	1224	3744	412	185	4342	1139	3719	592	283	4594		
Above 10 and upto and including 50	588	12883	2410	1186	16479	891	15003	2897	1887	19793		
Above 50 and upto and including 100	166	9899	2744	1183	13826	243	10836	3692	1572	16100		
Above 100 and upto and including 500	109	18194	4336	3533	26063	143	17621	4820	3623	26064		
Above 500 and upto and including 1000	14	7568	1420	1144	10132	20	10189	2159	1855	14203		
Above 1000	18	92679	24828	14449	131896	20	107150	26310	17110	150570		
Total	2119	144987	36150	21681	202758	2456	164524	40470	26330	231324		

CONSUMPTION IN METRIC TONNES	1979-80						1980-81					
	No. of Manufacturers			Total			No. of Manufacturers			Total		
	(41)	Natural (42)	Synthetic (43)	Reclaimed (44)	(45)	(46)	Natural (47)	Synthetic (48)	Reclaimed (49)	(50)	(51)	(52)
10 and below	1435	4362	482	338	5182	1696	4202	623	496	5221		
Above 10 and upto and including 50	888	17755	2277	1952	21884	817	17016	2479	2116	21611		
Above 50 and upto and including 100	198	10873	2885	1726	15484	159	9944	2541	2431	14916		
Above 100 and upto and including 500	107	16784	5195	3403	24382	112	17783	5109	3830	26722		
Above 500 and upto and including 1000	20	10392	2136	1765	14283	18	9674	2392	1771	18837		
Above 1000	22	106069	29513	18476	152058	24	115011	32156	16208	183373		
Total	2640	186245	42486	25660	233393	2826	173830	46200	26850	245860		

CONSUMPTION IN METRIC TONNES	1981-82						1982-83					
	No. of Manufacturers			Total			No. of Manufacturers			Total		
	(53)	Natural (54)	Synthetic (55)	Reclaimed (56)	(57)	(58)	Natural (59)	Synthetic (60)	Reclaimed (61)	(62)	(63)	(64)
10 and below	1571	3883	1708	963	6554	1507	3883	1708	963	6554		
Above 10 and upto and including 50	963	18807	2719	10305	23331	963	18807	2719	10305	23331		
Above 50 and upto and including 100	175	10305	20574	5163	39223	175	10305	20574	5163	39223		
Above 100 and upto and including 500	133	20574	10056	1944	32223	133	20574	10056	1944	32223		
Above 500 and upto and including 1000	19	12495	23	189420	191945	19	12495	23	189420	191945		
Above 1000	3021	48445	28160	263026	342046	3021	48445	28160	263026	342046		
Total	3021	189420	48445	28160	263026	3021	189420	48445	28160	263026		

Table 34

NUMBER OF LICENSED MANUFACTURERS IN DIFFERENT STATES

State/Territory	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
Assam	..	..	..	..	4	4	4	5	4
Andhra Pradesh	9	8	6	8	15	15	15	21	30
Bihar	5	6	5	6	9	10	7	10	10
Delhi	120	110	125	140	153	168	153	161	165
Gujarat	44	40	52	53	59	76	78	88	95
Goa	..	..	1	1	1	1	1	1	2
Kerala	43	54	66	96	109	116	119	120	144
Haryana	..	..	..	58	48	52	65	60	70
Himachal Pradesh	..	..	..	1	2	..	..	..	..
Madhya Pradesh	8	5	6	10	6	10	15	14	15
Tamil Nadu	36	34	44	54	57	64	64	59	67
Maharashtra	161	162	178	185	197	208	230	227	239
Karnataka	7	7	11	11	10	10	17	10	26
Orissa	..	..	1	2	2	3	2	2	6
Punjab *	173	172	200	162	182	201	201	184	173
Rajasthan	6	7	6	8	5	8	9	9	12
Uttar Pradesh	50	58	79	96	100	98	103	111	127
West Bengal	156	175	205	196	204	208	198	228	212
Tripura	..	..	..	..	1	..	..	..	..
Pondicherry	..	..	..	..	..	..	..	..	..
Manipur	..	..	..	..	..	..	..	..	..
Total	818	838	985	1087	1164	1262	1281	1310	1397

* Up to 1966-67 includes Haryana also

THE END OF EACH YEAR

1973-74 (11)	1974-75 (12)	1975-76 (13)	1976-77 (14)	1977-78 (15)	1978-79 (16)	1979-80 (17)	1980-81 (18)	1981-82 (19)
3	3	2	2	3	2	4	2	3
34	35	42	48	47	55	64	80	83
10	20	25	18	19	30	31	29	29
169	156	178	205	216	265	272	274	280
104	126	134	136	149	168	173	191	194
2	3	5	6	4	7	5	6	9
152	191	221	248	273	311	331	391	450
82	91	114	129	141	157	171	181	203
..	..	..	1	1	4	3	3	3
13	15	15	17	19	23	22	24	27
72	88	111	118	139	160	189	212	220
287	272	280	279	298	337	367	373	386
36	43	51	58	56	68	79	80	100
6	6	2	5	3	5	7	10	11
180	192	183	221	245	287	317	339	349
11	13	16	14	16	21	16	19	24
128	146	163	182	186	215	242	249	264
238	247	301	314	303	338	345	351	383
1	1	1	1	1	1	1	1	1
..	..	..	..	2	2	1	1	2
..	..	..	1	..	..	..	..	..
1506	1648	1844	2003	2119	2456	2640	2828	3021

Table 35

PRODUCTION OF

YEAR	AUTOMOBILE TYRES ('000 Nos.)							Total	Installed capacity ('000)
	Giant (2)	Motor car (3)	Motor Cycle & Scooter (4)	Tractor (5)	Aero (6)	A. D. V. (7)	Off-the road (8)		
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	84	11	117	8	2583	2980
1966	1404	723	224	90	12	119	8	2580	3100
1967	1507	785	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	4060
1971	2364	1148	678	228	14	212	15	4859	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	7128
1977	3069	988	1270	470	16	344	13	6180	7929
1978*	3409	1047	1520	582	16	406	10	6890	8779
1979*	3473	1048	1534	605	11	320	9	7000	8853
1980*	3707	1073	1967	654	16	420	11	7848	8853
1981*	3825	969	2404	695	16	400	12	8321	...

YEAR	CYCLE TYRES		CYCLE TUBES		RUBBER
	Production ('000s) (20)	Installed capacity ('000s) (21)	Production ('000 s) (22)	Installed capacity ('000s) (23)	
1960	10830	14300	12676	14300	446.4
1961	11346	15455	12848	15455	451.2
1962	11940	16500	11562	16500	498.0
1963	14166	17000	13343	17000	465.6
1964	16156	19850	15194	19850	470.4
1965	18132	21496	17923	21496	530.4
1966	19539	22967	20449	22967	522.0
1967	22338	22967	19300	22967	546.6
1968	24620	26567	18190	26567	572.4
1969	21611	31127	17084	31127	492.9
1970	20989	31127	15841	31127	447.6
1971	20684	34127	13455	34027	446.3
1972	21813	35273	14402	34337	427.9
1973	22364	35273	14654	34337	366.6
1974	25693	36526	19382	36276	370.8
1975	24525	36526	16923	36276	397.5
1976	23428	..	16509	..	405.2
1977	27003	..	14923	..	428.4
1978*	31375	..	14473	..	381.0
1979*	28840	33997	11006	33036	411.1
1980*	26746	33997	11876	33036	436.1
1981*	26666	..	12277	..	370.2

* Provisional
 Note:- The data relate to the organised sector only.
 Source:- Directorate General of Technical Development.

RUBBER GOODS

AUTOMOBILE TUBES ('000 Nos.)

Glant (11)	Motor Car (12)	Motor Cycle & Scooter (13)	Tractor (14)	Aero (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	2532	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	824	265	3	255	12	4776	5191
2465	1166	588	258	3	228	14	4724	5191
2525	1099	607	244	2	223	11	4711	5591
2674	983	862	308	3	295	8	5133	7103
2276	1116	1211	396	5	359	15	5378	...
2600	1070	1136	364	3	341	11	5425	...
2899	1136	1289	446	4	387	7	6168	...
2728	1159	1054	444	3	310	5	5703	7540
3197	1167	1319	519	4	388	8	6602	9915
3549	1150	1741	588	2	344	9	7383	...

BELTING			HOSES			CAMEL BACK	
Fan Belts (⁰⁰⁰ s)	Industrial V. Belts (⁰⁰⁰ s)	Rubber Ply Transmission and Conveyor Belting (M. Tonnes) (27)	Radiator (⁰⁰⁰ s)	Vacuum Brake (⁰⁰⁰ s)	Other Types (⁰⁰⁰ Metres)	(M. Tonnes)	
(25)	(26)	(27)	(28)	(29)	(30)	(31)	
1087.2	952.8	2400	248.4	345.8	3593	6058	
1076.4	1014.0	3232	249.6	724.8	4632	5928	
952.8	1312.8	2760	205.2	1113.6	5051	5519	
1216.8	1519.2	3384	207.6	1920.0	5300	6788	
1328.4	1779.6	4068	276.0	1220.4	6584	8552	
1480.4	2035.2	5136	446.4	561.6	6848	8268	
1707.6	2127.6	6096	524.4	566.4	9708	9758	
2052.0	2647.2	5808	352.4	925.2	6028	10870	
2230.5	3045.7	6405	358.4	955.9	6446	11649	
2393.0	3240.0	5537	487.0	414.0	5697	13074	
2341.3	3443.8	5596	470.2	773.4	5211	13644	
2299.0	3308.0	5864	481.0	1165.0	3506	18036	
2722.4	4005.4	6992	519.4	1042.5	5688	15797	
2366.7	3880.2	7074	529.1	1775.3	5273	16112	
2169.9	4626.7	7000	403.9	1525.0	4861	14032	
2519.7	4526.8	7420	486.0	1545.0	5000	11853	
2592.9	4855.6	7145	632.0	1036.5	4520	12478	
2072.0	5341.1	5430	362.0	530.6	4663	11894	
2383.2	6002.7	6653	869.3	1334.5	5149	11812	
2731.8	6155.5	6824	63.3	676.5	4803	10851	
2169.6	8211.9	9080	327.4	486.5	4922	11507	
1747.1	8907.7	8497	23.6	1020.6	5528	10807	

Table 36

PRODUCTION OF VEHICLES

Sl. No	Industry	Production in numbers			
		79-80	80-81	81-82	82-83 (April to September)
(1)	(2)	(3)	(4)	(5)	(6)
1	Commercial Vehicles	54,447	71,800	91,100	40,800
2	Agricultural Tractor	62,500	71,000	84,100	30,600
3	Cars	33,073	31,300	42,500	21,400
4	Jeeps	14,139	17,900	20,200	10,500
5	Motor Cycles	91,108	104,200	116,100	61,900
6	Scooters	155,467	213,100	201,200	128,600
7	Mopeds	65,782	129,900	207,700	81,400

Source : Ministry of Industry.

Table 37

CONSUMPTION OF ALL KINDS OF RUBBER ACCORDING TO END PRODUCTS

PRODUCTS (1)	1968-69		1969-70		1970-71		1971-72		1972-73		1973-74		1974-75		1975-76		Total (12)
	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	(17)	
1. Automobile tyres and tubes*	55739	59169	61574	70934	73175	81419	85698	82115	17101	4887	84103						
2. Cycle tyres and tubes	16536	16168	17014	18723	18808	22578	23235	19579	2756	5414	24149						
3. Camel back	8213	8597	9612	10229	10568	10344	10611	5545	2303	682	8530						
4. Footwears	16657	15963	15760	16044	16239	16615	17192	12387	4135	2155	18677						
5. Belts and hoses	5688	5560	5628	7227	7818	9050	9179	8943	884	1342	11179						
6. Latex foam	3027	3209	3588	3676	3513	3457	2796	2033	..	..	2033						
7. Cables and wires	1384	1257	1123	1195	1174	1168	982	590	300	18	908						
8. Battery boxes	2290	2365	2238	2325	2125	2009	2572	280	561	2275	3116						
9. Dipped goods	1810	1941	2157	2446	2470	2654	3175	3478	..	..	3478						
10. Others	16568	16875	15891	16536	16617	21515	19548	14342	4402	2569	21313						
Total	128022	131104	134745	149435	152607	172007	175076	125692	32452	19342	177486						

Figures upto 1974-75 cover natural, synthetic and reclaimed rubber.

Table 37 (Contd.)

PRODUCTS	1976-77				1977-78				1978-79			
	NR (13)	SR (14)	RR (15)	Total (16)	NR (17)	SR (18)	RR (19)	Total (20)	NR (21)	SR (22)	RR (23)	Total (24)
1. Automobile tyres and tubes*	66715	18619	5164	90498	69438	18999	5181	93618	83212	20060	5863	109135
2. Cycle tyres and tubes	17435	3022	5832	26289	18475	3221	6505	28201	19872	3832	7489	31293
3. Camel back	7386	1642	927	9955	7332	1701	841	9974	8771	1840	1152	11763
4. Footwears	14831	4251	2117	21199	16574	4234	2635	22803	16884	4508	2978	24370
5. Belts and hoses	9029	907	1873	11809	9275	1272	1676	12223	11138	1526	1832	14496
6. Latex foam	2238	..	..	2238	2653	..	..	2653	3543	..	..	3543
7. Cables and wires	651	344	24	1019	780	299	10	1089	705	414	19	1138
8. Battery boxes	329	656	2369	3354	361	645	2461	3457	391	706	2484	3591
9. Dipped goods	3929	..	..	3929	4180	..	..	4160	4492	..	..	4492
10. Others	15080	4260	2651	21991	16509	4320	2272	23101	15416	4714	5503	22633
Total	137623	33701	20957	192261	144867	34751	21681	201399	164524	37600	26330	226454

* Include tractor, ADV, Aero and Off-The-Road

Table 37 (Contd.)

PRODUCTS	1979-80			1980-81		
	NR (25)	SR (26)	RR (27)	Total (28)	NR (29)	Total (32)
Tyres & Tubes*	80384	23228	5071	108683	87295	119054
Cycle Tyres & Tubes	20389	4775	8048	33212	20864	33460
Camel Back	9050	2124	1875	13149	9130	13279
Footwears	18485	4582	2887	25954	18900	26725
Belt and Hoses	11333	1810	1907	15050	11812	16431
Latex Foam	4630	--	--	4630	5753	5753
Cables and Wires	710	477	125	1312	779	1350
Battery Boxes	403	800	3218	4421	485	4323
Dipped Goods	4510	--	--	4510	4945	4945
Others	15351	4652	2429	22472	13867	21360
Total	165245	42468	25660	235353	178630	245680

* Includes tractor, ADV, Aero and off-the-Road

Table 38

VALUE OF RUBBER

(Value in '000 Rs.)

PRODUCTS	1964-65	1965-66	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)
1. Automobile tyres and tubes including tyre retreading materials	22139	27482	31060	23238	33056	41138	56375	66920	60471
2. Beltings	315	122	240	393	690	1040	1637	752	911
3. Cycle tyres and tubes	1658	2309	4406	6540	7618	4360	4364	4711	5435
4. Hoses	939	788	643	404	914	969	1883	1744	773
5. Hygienic, medical & surgical articles of rubber including gloves	154	211	1678	4698	6337	5173	6183	879	874
6. Rubber footwear	783	879	518	460	596	2132	1587	1107	2502
7. Rubber-soled footwear with canvas upper	11357	13977	19234	15933	20076	19774	21573	30292	27861
8. Rubber coats & aprons for textile industry	..	1572	264	364	1007	2084	1463	513	146
9. Rubber sheetings	277	66	332	524	201	300	471	183	171
10. Synthetic rubber & substitutes	..	..	..	..	..	..	..	..	..
11. Reclaimed Rubber	1439	2579	1297	941	2290	2127	2422	5138	5879
12. Others	..	..	..	..	..	..	..	..	..
Total	39061	49985	59672	63495	72785	79097	96958	112239	105023

Source: Chemicals and Allied Products Export Promotion Council.

PRODUCTS EXPORTED

1973-74 (11)	1974-75 (12)	1975-76 (13)	1976-77 (14)	1977-78 (15)	1978-79 (16)	1979-80 (17)	1980-81 (Estimated) (18)	1981-82 (Estimated) (19)
67475	87394	85145	184816	168463	126142	112000	127000	100000
2585	10223	8877	7619	11061	18710	27917	35000	120000
9577	13138	9888	15333	18491	12287	10766	27500	20000
1438	2117	2735	3544	4536	7069	4852	14300	40000
3053	2780	2401	7243	11034	8308	17556	13600	24300
1877	3278	1358	1612	1996	1826	2561	3000	2700
27493	42449	21745	32935	36695	21610	24179	42300	38300
1145	1154	846	1010	1532	3133	1946	3600	5700
207	125	798	301	376	401	156	2600	1800
..	4084	35	87	..	201	..	..	NA
13540	1936	302	2111	2564	2887	2531	3720	NA
..	9380	11198	16997	14187	20267	23831	29680	50200
128390	178058	145328	273608	270935	222841	228294	302300	403000

NA — Not available

Table 39

QUANTITY AND VALUE OF
Value in

PRODUCTS	Unit	1967-68		1968-69		1969-70		1970-71		1971-72	
		Quantity (3)	Value (4)	Quantity (5)	Value (6)	Quantity (7)	Value (8)	Quantity (9)	Value (10)	Quantity (11)	Value (12)
1 TYRES											
Aircraft	Nos.	2190	1172	3233	2214	158	887	2519	2297	2188	2448
Cycle	"	13066	149	8124	78	"	"	8542	43	4127	15
Motor car, Truck and Bus	"	594	107	1862	229	3213	812	885	271	4708	1362
Tractor and other OTR	"	450	2451	6389	3410	8098	2945	10059	3084	16382	6300
Motor cycle	"	182	13	7986	180	21657	473	5014	103	4630	161
Solid Rubber Tying	"	436	59	138	17	48	19	262	51	290	124
Solid Rubber Tying (NES)	MT.	153	1469	356	3125	54	2121	291	3739	478	4718
Others	Nos.	523	108	6648	696	1164	291	4594	974	2338	758
Total			5528		9949		7548		10562		15886
2 TUBES											
Aircraft	Nos.	1495	209	449	62	2832	159	1348	175	2275	360
Cycle	"	624	3	400	1	"	"	145	3	3280	11
Motor car, Truck and Bus	"	319	16	745	26	3913	105	3813	136	4895	228
Tractor and other OTR	"	127	66	1755	136	2887	508	803	908	2194	366
Motor cycle	"	6260	44	15228	151	11	*	500	2	1618	60
Others	"	390	16	1171	120	5530	485	3447	332	1375	246
Total			354		496		1257		1556		1271
3 FLAPS	Nos.	58	2	129	5	3570	70	758	12	720	45
4 HYGIENIC PHARMA- CEUTICAL ARTICLES AND CONTRACEPTIVES	million										
Others	Nos.	615	3489	10477	10262	12271	18947	1901	2002	653	825
	Kg.	2789	80	28431	501	5502	165	723	16	567	18
Total			3569		10783		19112		2018		844
5 BELTING											
Conveyor	Kg.	87978	1136	19679	443	39142	364	35059	373	176566	1584
Others	"	98362	2805	117220	2962	90132	2502	117032	3493	29772	875
Total			3941		3405		2866		3866		2459
6 FOOTWEAR	Pairs	837	2	251	2	32130	65	"	"	89	1
7 TEXTILE FABRICS COATED WITH RUBBER, LEATHER ETC. AND THE LIKE	Kg.	20668	828	25532	900	19688	927	28335	1409	54080	2937
8 RUBBERISED AND OTHER IMPREGNATED ARTICLES	"	7704	221	38700	743	18746	545	1597	40	4901	114
9 LATEX FOAM SPONGE	"	33143	242	31746	215	49503	240	119080	339	25326	73
10 HOSES	"	88896	2585	71041	2105	120620	2835	146561	3256	95453	2681
11 EBONITE	"	16543	376	348	22	969	56	33123	330	20097	262
12 OTHER VULCANISED SHEETS	MT.	255	1018	250	2238	143	1446	407	3646	263	2161
13 OTHER ARTICLES OF RUBBER			3605		3749		2597		2881		4961
Grand Total			22271		34592		39564		29915		33685

* less than Rs. 500

Source: 'Monthly Statistics of Foreign Trade of India.'

RUBBER PRODUCTS IMPORTED

(000 Rs.)

1972-73		1973-74		1974-75		1975-76		1976-77		1977-78		1978-79		1979-80	
Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity	Value
(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)	(24)	(25)	(26)	(27)	(28)
1405	1876	1813	2222	3214	3153	2252	3056	2846	3738	13681	11126	1426	3496	2225	7679
..	..	45	81	12000	125	..	..	..	..	..	..	1300	20	..	..
9224	3143	3920	1872	3731	2089	1589	812	1217	1083	354	282	2375	5117	12339	10710
1907	3949	10500	5859	2524	1388	9184	5537	1494	2211	438	329	1546	3464	..	..
2	..	5008	190	55	3	81	4	5059	223	35	4	1564	163	201	235
842	734	2524	1562	722	451	31	15	284	295	991	451	335	1057	503	375
272	4664	788	8332	633	12491	422	7183	151	3382	..	..	..	..	..	..
5284	2196	..	..	6880	3402	2849	702	2364	731	20740	7658	73804	2996	..	..
..	16562	..	20218	..	23102	..	17309	..	11663	..	19850	..	16313	..	18999
357	49	290	38	6559	759	4538	489	292	64	763	152	52	9	265	34
..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
1809	76	3765	194	1406	155	444	23	82	10	77	23	..	..	3568	487
418	87	2747	496	1937	628	2239	385	16	2	71	17	810	341	3821	374
8	..	7	..	..	..	..	..	25	1	25	2	..	..	..	..
1038	227	1796	216	790	60	2420	245	5	227	1297	132	13389	1080	42710	11507
..	439	..	944	..	1602	..	1142	..	304	..	326	..	1410	..	12402
215	21	3291	1015	3644	335	17	8	12	1	..	..	..	..	26	11
25.26	3210	12400	16385	105.40	14433	0.63	70	0.18	18	0.10	27	..	..	0.07	19
425	31	17594	494	3	1	108	4	143	9	119	16	201593	2151	161	49
..	3241	..	16879	..	14434	..	74	..	27	..	43	..	2151	..	68
209451	2232	135684	2634	315959	4691	1076828	28580	828	20806	134941	7634	179500	5881	989573	22775
222907	7311	287319	8800	138969	3974	52665	2260	23191	2407	201576	26034	262779	12720	144650	10911
..	9543	..	11434	..	8665	..	30840	..	23213	..	33668	..	18601	..	33686
122	4	..	..	1810	15	..	..	..	..	..	..	..	..	..	..
43880	2316	27571	1561	24416	1584	..	..	..	..	500	260	119163	8926	1554	379
5908	304	4773	215	226	9	..	..	..	..	..	..	..	..	..	..
788	16	..	..	21545	309	27000	738	25060	319	31616	290	..	..	84099	1217
101051	3453	121399	3259	145196	4046	230633	6851	149839	7022	556272	18709	218468	11078	175631	13336
12888	412	30977	985	4855	163	1024	59	27304	1195	2280	179	20277	1275	9511	1085
513	2435	38	954	158	2755	37	1029	8	464	..	..	4547	435	207215	5765
..	2640	..	6037	..	5638	..	13076	..	21002	..	41993	..	48063	..	84361
..	41386	..	63601	..	62657	..	71125	..	65210	..	115318	..	106252	..	171309

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Table 40

NUMBER OF LICENSED DEALERS IN DIFFERENT STATES

STATE/DISTRICT/TERRITORY (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)	1970-71 (7)	1971-72 (8)	1972-73 (9)
Kerala								
Trivandrum District	7	11	23	21	22	40	43	41
Quilon ..	77	119	162	172	233	272	258	264
Alleppey ..	17	25	33	32	39	38	39	36
Kottayam ..	238	380	477	510	629	686	696	651
Idikki ..	..	..	..	..	..	..	..	27
Ernakulam ..	106	160	239	243	297	313	297	267
Trichur ..	5	5	12	12	17	17	18	15
Palghat ..	8	13	12	13	11	11	18	10
Malappuram ..	..	..	..	..	4	16	26	20
Kozhikode ..	26	41	63	76	88	71	65	76
Wynad ..	..	..	..	..	..	..	..	..
Cannanore ..	21	43	65	76	74	102	72	65
Sub Total	505	797	1086	1155	1414	1566	1532	1472
Delhi	29	38	43	50	56	61	55	54
West Bengal	22	28	37	45	46	53	42	39
Punjab & Haryana	16	23	27	27	26	25	27	35
Maharashtra	19	18	29	32	37	39	62	37
Tamil Nadu	14	15	25	25	29	31	31	64
Uttar Pradesh	3	7	5	6	6	7	8	10
Karnataka	..	..	4	4	3	1	5	6
Andhra Pradesh	..	2	2	1	1	1	1	1
Gujarat	..	2	3	3	3	3	8	6
Himachal Pradesh	..	1	2	3	3	3	1	1
Madhya Pradesh	..	..	..	1	..	..	..	1
Tripura	..	..	..	..	..	..	..	..
Andamans	..	..	..	..	..	..	..	..
Bihar	..	..	..	..	..	..	..	..
Rajasthan	..	..	..	..	..	..	..	..
Goa	..	..	..	..	..	..	..	..
Grand Total	608	931	1263	1352	1624	1790	1772	1716

Table 41

DISTRIBUTION OF LICENSED DEALERS

PURCHASE IN METRIC TONNES (1)	1965-66 (2)	1966-67 (3)	1967-68 (4)	1968-69 (5)	1969-70 (6)	1970-71 (7)	1971-72 (8)	1972-73 (9)
10 and below	217	399	659	625	757	1022	963	883
Above 10 and upto and including 25	102	170	192	216	259	227	252	254
.. 25 ..	50	79	105	111	165	205	148	122
.. 50 ..	100	56	73	97	109	127	115	117
.. 100 ..	250	71	87	96	109	126	124	123
.. 250 ..	600	35	39	48	55	67	77	82
.. 500 ..	1000	27	37	38	44	54	47	61
Above 1000	21	21	22	29	29	30	32	36
Total	608	931	1263	1352	1624	1790	1772	1716

AT THE END OF EACH YEAR

1973-74 (10)	1974-75 (11)	1975-76 (12)	1976-77 (13)	1977-78 (14)	1978-79 (15)	1979-80 (16)	1980-81 (17)	1981-82 (18)
46	43	60	79	97	129	129	155	152
295	333	344	337	373	448	487	532	527
31	31	38	55	47	47	47	47	45
700	775	787	879	941	1086	1118	1306	1313
78	78	86	107	123	129	138	155	170
203	193	212	257	271	352	347	392	403
17	17	19	18	19	26	22	26	27
12	36	17	18	16	35	33	38	37
26	36	42	45	51	56	65	64	59
66	47	73	90	107	139	148	137	106
..	..	..	..	..	..	..	..	18
58	49	78	118	128	166	173	189	190
1532	1638	1766	2003	2173	2613	2707	3041	3047
55	58	63	69	72	96	94	112	113
38	41	45	51	56	67	69	58	66
37	44	39	38	39	71	61	63	65
34	27	30	33	39	54	58	66	66
67	68	75	89	106	175	198	230	238
10	13	10	11	17	34	32	35	33
7	7	8	10	12	11	11	15	21
1	1	1	1	..	2	2	4	1
4	4	7	7	7	8	8	8	12
1	..	1	1	1	1	1	1	..
1	..	1	2	2	..	2	1	5
..	..	..	1	1	1	1	6	5
..	..	..	..	..	1	1	..	..
..	..	..	..	..	1	1	1	..
..	..	..	..	..	..	..	1	2
..	..	..	..	..	..	..	..	1
1787	1901	2036	2316	2525	3135	3246	3641	3670

ACCORDING TO THEIR PURCHASE)

1973-74 (10)	1974-75 (11)	1975-76 (12)	1976-77 (13)	1977-78 (14)	1978-79 (15)	1981-82 (16)
800	877	756	753	874	1352	1603
249	279	324	345	371	402	519
202	215	287	329	377	376	433
147	145	203	297	288	317	371
162	162	214	283	277	352	371
101	103	106	141	160	155	185
81	72	94	98	99	94	109
46	48	52	80	79	87	79
1787	1901	2036	2316	2525	3135	3670

Table 42

AVERAGE DAILY EMPLOYMENT IN RUBBER PLANTATIONS

YEAR (1)	Number (2)
1961	101775
1962	106563
1963	113528
1964	115595
1965	122481
1966	126958
1967	135104
1968	139795
1969	144423
1970	146591
1971	147902
1972	148940
1973	150909
1974	154214
1975	157754
1976	162661
1977	168475
1978	175480 (P)
1979	180400 (P)
1980	187000 (P)
1981	195000 (P)

(P) Provisional

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

Table 43

RECEIPTS OF THE RUBBER BOARD

(in '000 Rs)

YEAR	EXCISE DUTY ON RUBBER			Price difference on imported rubber	Repayment of newplanting maintenance loan	Sales of rubber from experiment stations	Sales of planting materials from nurseries	Recovery of half the cost of fertilisers	Others	TOTAL
	Producers	Manufacturers	Total							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
1961-62	1534	1832	3366	63	..	..	38	22	63	3552
1962-63	532	7002	7534	2105	..	..	149	30	70	9888
1963-64	885	4269	5154	565	..	..	4	77	132	6141
1964-65	192	11164	11356	23	..	13	318	141	496	12347
1965-66	246	13314	13560	484	..	22	452	261	589	15388
1966-67	334	17088	17420	6	..	46	657	269	812	19210
1967-68	191	16084	16275	219	..	40	877	272	536	18219
1968-69	153	20367	20520	..	..	70	482	376	643	22091
1969-70	47	21311	21358	..	..	72	600	431	811	23272
1970-71	6	22793	22799	..	..	88	567	432	755	28977
1971-72	5	27030	27035	194	..	85	554	314	795	24641
1972-73	10	30438	30448	Neg	..	106	672	505	818	33364
1973-74	4	31508	31512	31	..	34	544	415	818	40276
1974-75	8	38133	38141	..	..	179	408	590	958	40276
1975-76	4	36125	36129	..	..	256	810	675	1331	39201
1976-77	5	48874	48879	..	..	403	779	877	1584	52522
1977-78	3	53888	53901	..	768	541	681	974	1747	58612
1978-79	4	57861	57865	..	1032	810	957	1734	992	63390
1979-80	5	60581	60586	..	1158	1381	1060	1578	1433	67196
1980-81	7	62476	62483	..	862	1566	1409	1618	1974	69912
1981-82	1	60285	60286	..	899	2184	1581	2097	2460	69507

Table 44

EXPENDITURE OF THE RUBBER BOARD

('000 Rs.)

YEAR	Newplanting & maintenance ⁽¹⁾ loan	Newplanting Subsidy (1979 scheme)	Replanting ⁽²⁾ Subsidy	DEVELOPMENT AND EXTENSION			Rubber Research ⁽⁴⁾ cum Develop- ment Station, South Andamans	Maintenances of nurseries and distri- bution of planting materials
				Newplanting/ Replanting Subsidy (“Rubber Planta- tion Develop- ment Scheme”)	Additional assistance to small holders owning upto 6 hectares who partici- pated in schemes under col. (2) & (4)	Free supply of planting materials		
(1)	(2)	(3)	(4)	(5)		Subsidy for ⁽³⁾ fertilisers	Subsidy for soil conser- vation work (8)	(10)
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	562	--	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	1688	5	449
1976-77	226	--	10009	--	165	1885	7	461
1977-78	184	--	11171	--	187	2364	11	432
1978-79	89	--	14497	--	175	2975	21	487
1979-80	89	303	15940	--	254	3474	13	452
1980-81	38	4829	12017	120	402	5333	52	534
1981-82	47	9994	12909	9011	224	4743	6	827

Note: (1) discontinued—expenditure from 1979-80 refer to spillover.

(2) discontinued—expenditure from 1980-81 refer to spillover.

(3) 50% of the amount recoverable.

(4) upto 1974-75 the scheme was under the administrative control of the Rehabilitation Ministry.

Table 44 (Contd.)

YEAR	DEVELOPMENT AND EXTENSION (Contd.)						TOTAL (17)
	Subsidy for spraying granted through co-operatives ⁽⁵⁾ (11)	Subsidy for manuring granted through co-operatives (12)	Purchase of sprayers & dusters (13)	Advisory and training services ⁽⁶⁾ (14)	Others ⁽⁷⁾ (15)	Administration (16)	
1961-62	--	--	18	29	--	240	3161
1962-63	--	--	28	36	--	273	4117
1963-64	--	--	88	42	--	447	6351
1964-65	30	--	69	62	--	498	6835
1965-66	148	1	60	148	--	562 ^(a)	8646
1966-67	429	6	49	131	--	732 ^(a)	8059
1967-68	700	9	29	118	1147	1335	12083
1968-69	289	6	20	124	4929	1153	14633
1969-70	875	10	5	140	550	1562	11701
1970-71	917	21	3	149	--	1798	11046
1971-72	1095	13	20	80	--	1734	9697
1972-73	1223	5	1	188	--	2016	10257
1973-74	1283	10	49	70	10	2166	8998
1974-75	1240	12	1	116	9	2692	11482
1975-76	3783	42	4	150	8	3211	16495
1976-77	4537	39	--	145	--	3363	21579
1977-78	2840	43	3	355	--	3447	21758
1978-79	3171	52	--	213	--	3744	26473
1979-80	1200	38	--	711	--	4878	28665
1980-81	852	63	1	725	--	6351	32839
1981-82	--	61	--	628	--	7619	48051

Note:- (5) discontinued - expenditure from 1979-80 refer to spillover.

(6) Include expenditure for exhibitions, seminars, publicity & propaganda, publications, demonstration plots and tappers training.

(7) Include cash subsidy granted to small holders Rs. 1810730 in 1967-68, Rs. 4709276 in 1968-69 and Rs. 505963 in 1969-70.

^(a) Excludes expenditure for extension activities.

Table 44 (Contd.)

YEAR	PROCESSING AND MARKETING						TOTAL
	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	Block rubber processing (8)	
	(18)	(19)	(20)	(21)	(22)	(23)	(24)
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	..	76	..	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	925
1978-79	225	56	198	..	122	1439	2040
1979-80	87	42	238	..	112	1302	1781
1980-81	122	55	269	150	525	1023	2144
1981-82	..	13	798	..	170	1006	1987

Note:- (8) expenditure for Block rubber processing component of KADP.

Table 44 (Contd.)

	RESEARCH (25)	LABOUR WELFARE (26)	GENERAL ADMINISTRATION (27)	TOTAL		
				Plan (28)	Non-Plan (29)	Total (30)
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	2628	299	2193	14036	9088	23124
1976-77	3199	301	2381	19056	10196	29252
1977-78	2926	350	2508	18505	11438	29943
1978-79	3847	317	2696	24688	12728	37416
1979-80	5372	400	2852	29338	11881	41219
1980-81	7660	489	3145	33686	15760	49446
1981-82	7702	499	3897	48078	17923	66001

Note : + Includes expenditure for extension activities.

Col. (30) include expenditure for purchasing land and construction of buildings. Figures for 1971-72 onwards include CPF/Pension/leave salary contribution & advance to employees.

Table 45

PROGRESS IN DISTRIBUTION OF PLANTING MATERIALS

(a) DISTRIBUTED DIRECTLY BY RUBBER BOARD

YEAR, (1)	Tjir 1 Clonal Seeds (Nos) (2)	Tjir 1 Clonal Seedlings (Nos) (3)	Indigenous Poly clonal Seedlings (Nos) (4)	P B 1 G/GGI GG2 Seedlings (Nos) (5)	Budded Stumps (Nos) (6)	Budwood (Metres) (7)	Stumped Budding (Nos) (8)
Up to 1960	23356671	98508	..	..	3209	4783	..
1961	688912	22025	..	..	25	2638	..
1962	4445344	68180	..	..	326	919	..
1963	2788850	356835	..	5320	31012	560	..
1964	2641345	253777	..	93900	82964	3704	..
1965	4195000	202270	..	172403	63215	2890	..
1966	3743745	287285	..	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	74900	390900	2525	..
1971	..	..	149060	250	446887	5519	..
1972	..	..	13130	100565	380657	4849	..
1973	..	..	25935	52898	349778	8999	..
1974	..	..	41285	..	498867	11346	..
1975	..	..	2600	..	612975	15190	..
1976	..	..	31055	..	744933	4542	..
1977	..	..	44963	..	622620	9340	..
1978	..	..	6090	..	570361	3099	133181
1979	..	..	60740	..	868832	3465	..
1980	..	..	29030	..	671467	12014	..
1981 *	..	..	81110	..	903668	14916	..

- 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 had been withdrawn by the Board since 1971.
 3. During 1980, 4987 polybag plants also were distributed.
 4. During 1981, 551 polybag plants, 77794 budded stumps and 1125 green bud sticks were also distributed.

* Provisional.

Table 45 (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
PB 86	..	2	..	17	..	51	..	..	..	..
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 206	..	..	..	..	420	4	..	..	450	..
RRII 208	..	..	..	..	1385	..	863	135	6522	7
Others	2055	27	..	16	1105	116	..	..	2101	788
Total	380657	4849	349778	8999	498867	11346	612875	15190	744933	4542

BUDWOOD FROM 1972 ONWARDS BY RUBBER BOARD

1977		1978		1979		1980		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	1	22210	176	16855	301	225	203
14582	203	12905	30	15790	97	22550	30	--	102
..	..	..	1	..	12	50	--	15	--
14500	103	..	162	..	..	--	3	125	--
46849	360	119439	152	291519	127	438654	6605	587508	4051
3552	82	15070	142	54949	37	46320	331	25103	506
2069	..	..	..	500	..	--	--	100	30
196	..	..	..	..	..	--	--	--	--
2395	80	..	69	..	101	--	--	--	--
2048	308	..	162	..	103	80	--	44015	--
622620	9340	570361	3099	868832	3465	871487	12014	903668	14916

Table 45 (Contd.)

(b) 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
GT 1	749	8	3372	836	7159	122	7057	5903	17376	597
PB 5/51	..	..	25	63	711	2	2563	2437	5281	197
PB 28/59	..	..	..	..	..	..	..	..	..	..
PB 86	17445	457	1677	..	750	349	3844	309	2171	111
PR 107	6519	1066	1180	2784	1400	29	7159	415	1285	207
RRII 105	..	..	..	..	..	..	..	..	..	..
RRII 118	..	..	..	..	..	..	..	..	..	..
LCB 1320	3300	159	50	6	..	..	..	..	200	100
GL 1	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 SINCE 1968

1973		1974		1975		1976		1977		1978	
Budded stumps (Nos)	Bud wood (metres)	Budded stumps (Nos)	Bud wood (metres)	Budded stumps (Nos)	Bud wood (metres)	Budded stumps (Nos)	Bud wood (metres)	Budded stumps (Nos)	Bud wood (metres)	Budded stumps (Nos)	Bud wood (metres)
(12)	(13)	(14)	(15)	(16)	(17)	(18)	(19)	(20)	(21)	(22)	(23)
751746	31718	1014937	27704	1466680	58993	1099057	43465	452736	22227	370347	11127
12688	981	9827	304	7340	486	3949	198	3090	499	525	52
9332	855	17240	922	7822	1337	4554	52	3435	438	1200	28
3023	101	4625	36	855	5	1600	17	1000	76	..	118
22411	1107	17444	4171	87125	4920	333615	18713	391012	23647	433309	17146
816	374	2452	566	5538	1198	8450	1040	8309	1913	12910	1074
..	10	..	42	2145	1131	1620	901	3145	517	3607	1248
1636	152	3371	140	435	327	..	68	..	13	1159	115
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 45 (Contd.)

(b) PLANTING MATERIALS DISTRIBUTED BY PRIVATE NURSERIES
APPROVED BY THE BOARD SINCE 1968

	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
RRIM 628	..	182	..	123	390	427
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	1940	123	5675	123	1217	256
PR 107	361	1072	1520	708	550	1931
RRII 105	2723064	93533	5232148	193357	6700524	279866
RRII 118	62963	8798	135635	6619	151945	17206
LCB 1320	..	..	..	..	..	..
GL 1	..	115	..	..	..	75
Tjir 1	..	..	..	2	..	..
Others	938	330	18526	461	2630	7951
Total	3557524	161408	6555925	288936	7996482	431804

Table 46

PROGRESS OF CO-OPERATIVE SOCIETIES DEALING IN RUBBER

YEAR (1)	No. of Societies (2)	Rubber Marketed (in tonnes) (3)
1963-64	6	275
1964-65	11	660
1965-66	18	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

Table 47

INDEX NUMBERS OF AGRICULTURAL PRODUCTION

(Base: Triennium ending 1969-70 = 100)

CROP (1)	1970-71 (2)	1971-72 (3)	1972-73 (4)	1973-74 (5)	1974-75 (6)	1975-76 (7)	1976-77 (8)	1977-78 (9)	1978-79 (10)	1979-80 (11)	1980-81 (12)
Rice	107.4	110.2	100.4	112.7	101.3	124.7	107.2	134.7	137.5	108.3	136.2
Jowar	82.3	78.3	70.6	92.2	105.5	96.3	106.6	122.2	115.9	118.0	106.4
Bajra	168.2	111.5	82.4	157.6	68.6	120.2	122.6	99.1	116.6	82.7	113.5
Maize	126.1	85.9	107.5	97.6	93.2	118.8	104.0	97.7	101.4	91.6	111.3
Ragi	114.5	117.0	101.8	109.7	113.1	148.0	108.2	151.7	169.4	144.1	130.5
Small Millets	109.6	92.0	84.8	107.4	88.1	104.6	95.2	112.5	102.9	78.3	86.7
Wheat	132.1	146.4	137.1	120.7	133.6	159.9	160.8	176.0	196.8	176.4	202.1
Barley	96.6	89.4	82.6	82.3	109.0	111.0	81.5	80.4	74.5	56.5	78.0
Cereals	114.1	113.2	104.3	113.2	106.4	128.8	117.8	137.3	143.6	119.9	142.7
Gram	99.7	97.4	87.0	78.7	77.1	112.9	104.2	103.9	110.2	64.5	89.3
Tur	105.8	94.5	108.3	79.1	103.0	117.9	96.9	108.4	106.0	98.7	113.2
Other Pulses	109.3	100.0	79.5	103.8	96.1	116.8	97.2	106.9	105.1	81.0	105.4
Total Pulses	104.4	97.9	87.6	88.5	88.8	115.3	100.3	105.8	107.5	76.6	99.8
Food grains	112.9	111.4	102.3	110.3	104.3	127.2	115.7	133.6	139.3	114.8	137.6
Groundnut	118.4	119.7	79.3	114.9	99.1	130.9	102.0	118.0	120.3	111.8	97.3
Sesamum	128.2	102.5	87.8	110.3	89.3	109.1	96.0	118.4	117.0	79.1	98.5
Rapeseed & Mustard	132.3	96.0	121.1	114.2	150.8	129.6	103.8	110.4	124.7	95.6	150.4
Linseed	114.9	128.5	103.9	122.2	136.8	145.0	101.6	127.8	129.8	65.3	103.7
Castorseed	113.4	128.3	121.1	190.9	175.3	119.0	149.1	180.9	191.6	189.3	175.2
Safflower	147.1	124.7	78.2	182.6	202.6	225.9	208.2	178.1	198.2	265.0	322.6
Nigerseed	134.3	121.8	97.3	143.1	138.9	158.0	118.9	155.4	154.2	110.6	153.4
Coconut	108.9	109.8	107.5	104.9	108.1	104.5	103.4	97.1	102.8	101.1	101.9
Cottonseed	85.3	124.3	102.6	112.9	128.3	106.6	104.5	130.6	143.9	137.3	134.2
Oil seeds	116.1	114.3	95.3	114.5	114.9	123.8	103.9	116.5	122.4	108.5	114.0

Table 47 (Contd.)

INDEX NUMBERS OF AGRICULTURAL PRODUCTION

(Base: Triennium ending 1969-70 = 100)

CROP (1)	1970-71 (2)	1971-72 (3)	1972-73 (4)	1973-74 (5)	1974-75 (6)	1975-76 (7)	1976-77 (8)	1977-78 (9)	1978-79 (10)	1979-80 (11)	1980-81 (12)
Cotton (Lint)	85.1	124.2	102.4	112.7	127.8	106.2	104.2	129.3	142.1	136.9	133.9
Jute	99.6	114.7	100.4	125.4	90.2	89.5	107.9	108.1	130.5	122.4	131.4
Mesta	113.7	104.3	100.8	132.0	123.5	127.0	150.4	154.4	160.5	162.7	144.7
Sannhemp	94.6	79.8	71.7	77.4	84.3	91.2	80.8	78.8	78.8	67.9	82.6
Fibres	89.3	120.9	101.5	115.4	119.4	103.4	106.3	125.2	139.5	133.9	133.0
Tea	106.4	110.7	115.9	120.0	124.4	123.7	130.0	141.3	143.2	140.2	146.1
Coffee	170.1	105.4	140.7	133.4	142.8	129.8	157.8	192.8	170.4	230.9	201.3
Rubber	127.1	139.6	155.1	172.7	179.5	190.2	206.5	202.9	186.8	205.0	211.3
Plantation Crops	114.8	112.7	121.8	125.8	130.9	129.9	139.3	151.9	149.7	155.1	157.3
Pepper (Black)	94.6	94.6	94.6	102.4	98.5	102.4	102.4	82.7	118.4	119.7	118.4
Chillies (Dry)	120.6	114.4	95.2	114.6	101.7	79.6	88.8	75.9	102.6	117.1	111.9
Ginger (Dry)	151.9	178.0	172.4	195.0	192.0	227.5	210.4	266.2	282.2	271.0	296.6
Turmeric	130.3	124.4	84.2	92.9	101.1	93.8	76.1	87.6	131.8	163.3	145.9
Areca nut	102.5	106.9	107.4	121.7	119.7	113.9	117.5	124.7	129.5	134.9	136.2
Coriander	145.2	164.4	118.9	152.8	148.8	134.4	166.0	332.1	207.9	129.3	138.5
Cardamom	100.0	116.1	93.5	103.2	154.8	167.7	141.9	145.1	161.6	158.3	155.1
Condiments & Spices	116.2	115.3	99.2	115.1	112.1	100.9	102.0	101.2	123.3	135.0	131.1
Potatoes	112.0	117.2	108.3	118.0	151.1	176.0	172.7	195.9	244.0	199.0	230.4
Taploca	106.2	124.7	131.9	133.9	130.9	133.1	127.8	114.0	121.8	121.7	122.4
Sweet potatoes	97.5	85.6	80.6	87.3	95.8	104.5	89.8	91.7	93.7	75.8	85.7
Bananas	91.5	105.6	94.7	99.8	103.2	107.5	118.5	133.9	143.8	144.0	146.3
Cashewnuts	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*	105.6*
Fruits & Vegetables	103.2	111.8	106.2	112.2	125.1	136.6	135.8	145.8	166.8	149.4	182.0
Sugarcane (Gur)	106.4	95.4	104.7	118.3	120.7	118.2	130.0	147.3	129.0	107.4	126.3
Tobacco	101.8	117.8	104.6	129.9	102.0	98.4	117.8	138.8	127.7	123.3	126.1
Guar seed	160.9	127.7	113.8	187.9	75.0	184.4	274.2	238.3	264.0	92.8	140.0
Miscellaneous Crops	106.9	99.2	104.9	121.4	117.2	116.9	131.4	148.1	131.7	109.3	126.8
Non-Foodgrains	108.6	110.8	102.1	117.0	118.3	119.8	117.8	130.9	134.5	122.3	130.1
All Crops	111.5	111.2	102.2	112.4	108.8	124.8	116.4	132.7	137.8	117.2	135.2

* Previous Years' data repeated provisionally. Source: Office of the Economic & Statistical Adviser, Ministry of Agriculture.

Table 48

INDEX NUMBERS OF PRODUCTIVITY

(Base: Triennium ending 1969-70 = 100)

CROP (1)	1970-71 (2)	1971-72 (3)	1972-73 (4)	1973-74 (5)	1974-75 (6)	1975-76 (7)	1976-77 (8)	1977-78 (9)	1978-79 (10)	1979-80 (11)	1980-81 (12)
Rice	105.9	108.0	101.3	108.9	98.9	116.9	103.0	123.7	125.7	101.6	126.7
Jowar	88.0	86.8	84.7	102.6	121.2	111.3	125.7	139.3	133.5	131.7	126.8
Bajra	162.6	118.2	87.0	141.2	75.9	129.2	141.9	111.1	127.4	97.3	121.5
Maize	123.1	86.6	105.4	92.9	91.3	114.9	101.1	100.2	102.6	93.3	108.5
Ragi	110.7	115.6	104.8	111.5	110.1	135.3	104.1	140.2	150.4	132.4	134.0
Small Millets	109.5	98.3	95.5	112.9	94.8	107.9	98.1	118.7	113.0	94.5	107.4
Wheat	115.1	121.6	112.0	103.3	117.9	124.1	122.1	130.3	138.0	126.4	145.2
Barley	112.8	108.6	100.5	92.5	111.3	116.7	107.1	118.2	120.0	93.8	126.0
Cereals	110.5	109.1	102.4	107.8	103.7	118.9	110.7	124.9	128.5	109.8	130.4
Gram	98.5	95.3	96.7	78.4	84.7	104.3	100.5	100.2	110.0	71.0	102.2
Tur	104.5	106.7	117.1	79.0	107.8	116.9	100.0	109.3	106.5	96.6	106.6
Other Pulses	105.8	98.0	80.4	93.0	90.0	101.2	91.1	96.7	92.0	75.3	93.8
Total Pulses	102.3	97.9	93.4	84.5	90.7	105.0	96.7	100.2	101.9	77.1	99.3
Food grains	109.9	107.8	101.4	105.0	102.2	117.2	109.1	122.1	125.5	106.2	127.0
Groundnut	117.4	115.8	82.4	118.9	101.9	131.6	105.2	121.9	117.5	113.3	102.3
Sesamum	129.2	105.1	94.2	113.4	98.1	123.8	103.8	122.3	120.6	82.0	100.3
Rapeseed & Mustard	123.4	82.3	113.0	102.3	127.0	120.1	102.7	95.3	108.7	85.3	114.5
Linseed	106.9	109.8	106.2	105.9	116.6	120.3	94.6	111.8	109.2	71.1	106.8
Castorseed	106.3	116.4	116.9	143.7	122.2	130.9	124.0	196.4	176.8	177.2	144.2
Safflower	140.4	117.1	103.7	167.0	175.6	188.1	170.9	141.3	158.1	202.6	249.0
Nigerseed	127.4	114.4	96.7	120.2	103.7	119.2	97.1	118.4	117.0	88.0	119.0
Coconut	102.3	99.0	96.0	93.5	95.1	95.9	94.4	90.2	95.9	92.2	92.4
Cottonseed	87.2	123.9	103.8	115.9	132.0	112.8	118.1	129.2	137.8	131.4	132.6
Oilseeds	113.0	107.1	93.7	110.8	109.6	120.8	104.3	112.7	115.2	104.9	106.3

Table 46 (Contd.)

INDEX NUMBERS OF PRODUCTIVITY

(Base: Triennium ending 1969-70 = 100)

CROP (1)	1970-71 (2)	1971-72 (3)	1972-73 (4)	1973-74 (5)	1974-75 (6)	1975-76 (7)	1976-77 (8)	1977-78 (9)	1978-79 (10)	1979-80 (11)	1980-81 (12)
Cotton	87.0	123.7	103.7	115.7	131.4	112.4	117.7	127.9	136.1	131.0	132.3
Jute	98.5	104.3	106.3	117.3	100.7	111.0	106.1	98.3	107.1	106.3	101.1
Mesta	106.2	108.9	106.4	110.0	119.5	118.6	131.7	130.1	130.0	130.8	124.2
Sannhemp	98.3	95.3	94.8	95.9	99.5	105.2	101.1	109.9	105.3	84.1	103.9
Fibres	90.4	118.5	104.2	115.6	124.7	112.3	115.8	121.5	129.0	125.5	124.1
Tea	104.6	108.0	112.4	115.9	119.6	118.5	124.2	134.2	135.0	130.5	134.3
Coffee	162.2	99.2	123.7	110.6	118.1	97.4	108.0	129.4	112.0	151.8	132.3
Rubber	112.5	116.9	125.0	130.4	131.2	132.6	136.7	132.4	122.6	132.8	136.9
Plantation Crops	111.4	107.6	114.6	116.3	120.2	117.4	123.6	133.3	131.1	133.7	134.2
Pepper (Black)	106.9	108.0	106.9	113.7	109.3	110.5	110.6	95.3	119.7	121.2	119.8
Chillies (Dry)	109.7	108.3	99.6	111.1	106.2	76.9	81.2	68.6	88.8	98.1	97.0
Ginger (Dry)	144.4	148.6	154.6	166.2	169.0	179.4	177.7	182.3	169.7	157.9	181.5
Turmeric	98.4	95.5	71.8	73.6	76.2	77.0	67.2	68.2	86.3	91.7	87.4
Arecanute	94.9	95.3	93.4	102.2	98.0	91.3	97.9	103.8	102.8	104.6	105.0
Coriander	118.4	101.8	104.5	120.8	133.9	123.2	140.0	145.0	120.3	108.9	124.2
Cardamom	98.3	112.1	91.3	100.8	128.7	124.4	108.5	112.5	146.1	134.3	131.6
Condiments & Spices	105.0	104.8	95.5	104.7	103.1	86.5	89.7	85.6	99.8	104.0	103.9
Potatoes	118.1	117.1	101.4	103.1	122.1	134.0	132.1	139.6	143.4	138.3	149.2
Tapioca	108.5	124.3	128.1	128.3	119.1	123.1	120.1	115.4	122.4	125.9	128.6
Sweet Potatoes	107.1	102.4	91.6	90.4	97.5	97.7	90.1	90.5	100.1	85.9	96.8
Bananas	89.2	103.8	94.6	98.3	96.2	102.1	105.9	109.4	117.7	109.3	111.9
Cashewnuts	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*	101.0*
Fruits & Vegetables	105.3	112.4	104.1	105.5	110.9	118.6	117.4	120.7	127.4	120.5	127.4
Sugarcane (Gur)	99.6	97.6	103.0	103.8	110.7	103.1	108.2	112.6	100.6	98.1	114.9
Tobacco	98.7	111.4	102.0	122.0	116.2	115.9	118.2	119.3	135.4	125.7	129.6
Guarseed	115.2	87.1	100.9	115.4	65.1	70.6	101.7	104.9	106.4	52.9	60.8
Miscellaneous Crops	99.9	99.3	102.8	106.5	101.6	102.8	109.9	113.1	104.5	100.9	114.4
Non-Foodgrains	105.1	107.1	100.2	109.2	109.5	112.0	109.3	114.5	115.4	110.6	116.2
All Crops	108.4	107.6	101.0	106.3	104.6	115.6	109.2	119.6	122.2	107.6	123.5

* Previous years' data repeated provisionally.

Source: Office of the Economic & Statistical Adviser, Ministry of Agriculture

Table 49

INDEX NUMBERS OF INDUSTRIAL PRODUCTION

(Base 1970 = 100)

ITEM (1)	1971 (2)	1972 (3)	1973 (4)	1974 (5)	1975 (6)	1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)	1981 (12)
Mining and Quarrying	101.0	105.0	103.3	113.1	127.9	136.8	139.9	142.1	148.5	144.2	170.2
Manufacturing	104.5	110.1	112.2	113.0	116.0	130.3	135.1	144.3	144.6	146.1	157.7
Food Manufacturing	98.1	101.0	98.0	98.0	106.0	110.8	118.4	138.4	130.0	128.2	141.6
Tea	103.5	108.8	111.9	117.1	116.5	122.3	131.1	135.1	129.3	136.8	134.7
Beverage Industries	117.0	163.5	187.9	185.1	186.1	252.6	347.0	387.9	279.2	303.6	397.4
Tobacco	104.5	98.6	102.4	104.7	94.2	106.8	107.7	112.5	124.9	121.7	139.0
Textiles (Group)	99.9	105.3	103.6	98.9	101.3	105.7	103.3	109.7	110.0	116.3	117.0
Cotton	94.6	101.4	102.0	104.1	102.8	105.1	101.4	108.4	108.6	111.0	113.0
Jute	120.3	124.2	118.2	105.1	100.7	105.4	109.9	110.3	109.2	127.7	124.0
Paper & Paper Products	104.3	107.7	109.9	118.1	108.5	111.8	112.8	121.0	124.0	131.0	148.0
Leather & Fur Products	93.6	100.4	114.0	109.7	118.5	102.8	104.2	71.5	72.3	103.5	93.7
RUBBER PRODUCTS	108.9	114.2	112.8	119.8	123.1	121.7	127.9	143.2	142.7	150.3	152.8
Footwear etc.	99.5	85.1	92.5	89.9	91.0	90.7	80.4	73.1	75.8	70.2	85.6
Chemical & Chemical Products	112.2	124.7	128.1	125.3	132.8	155.4	171.6	182.6	187.3	183.3	207.4
Fertilizers	122.2	151.1	148.4	148.4	180.0	225.5	282.9	299.8	328.6	324.7	416.2
Petroleum Refinery Products & Coal	106.2	106.0	111.4	112.8	119.6	124.8	132.7	140.9	153.4	137.4	160.6
Non-metallic Mineral Products (Group)	109.7	116.5	117.6	117.8	119.0	140.8	147.4	152.4	157.7	159.8	168.8
Cement	107.0	113.1	107.6	102.6	116.4	134.0	137.3	140.6	130.3	127.6	145.8
Basic Metal Industries	102.8	112.3	98.4	98.7	116.4	139.7	144.8	144.9	138.9	133.7	148.1
Iron & Steel Industries	100.6	112.0	96.1	100.2	122.8	147.5	152.3	151.7	143.2	138.3	153.2
Metal Products except Machinery & Transport Equipments	105.5	115.0	116.3	125.9	124.6	131.8	137.0	154.9	162.7	150.5	149.8
Machinery except Electrical	115.9	118.0	139.3	146.1	159.6	165.0	179.8	202.2	204.9	220.1	235.6
Electrical Machinery	105.4	116.3	123.3	129.3	120.3	129.9	145.5	151.2	163.3	170.0	180.0
Transport Equipments	100.3	94.2	109.6	116.9	106.3	149.2	124.5	124.6	125.5	130.2	142.7
Electricity	107.2	116.8	117.7	126.3	138.6	160.3	165.4	183.6	193.0	197.3	219.6
GENERAL INDEX (Crude)	104.4	110.2	112.0	114.3	119.2	133.7	138.3	147.7	149.5	150.6	164.5

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

Table 50

INDEX NUMBERS OF WHOLESALE PRICES OF SELECTED COMMODITIES

(Base: 1970-71 = 100)

COMMODITIES	1971-72	1972-73	1973-74	1974-75	1975-76	1976-77	1977-78	1978-79	1979-80	1980-81	1981-82
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
Rice	103.0	116.0	140.2	183.2	178.8	156.9	162.0	160.8	183.8	205.6	226.0
Wheat	99.5	106.5	108.2	183.1	159.6	152.0	156.5	153.8	160.7	176.2	191.6
Potatoes	72.2	84.0	107.2	109.1	87.1	115.8	146.7	119.6	100.7	182.5	137.9
Yapioa	101.7	112.8	198.6	166.4	157.4	187.3	126.5	144.3	216.7	219.8	239.2
Bananas	113.4	122.0	157.5	184.6	167.0	179.9	178.6	180.7	189.3	213.9	263.4
Cashewnuts	97.4	104.4	154.5	173.6	158.9	200.0	376.2	269.0	301.4	399.3	493.8
Black pepper	89.9	81.3	107.0	164.6	177.3	235.8	257.2	252.3	229.8	202.7	209.2
Cardamoms	54.6	57.0	85.0	109.8	117.3	203.4	202.2	222.8	214.4	160.7	178.4
Tea	113.6	108.1	110.5	161.9	170.0	214.1	252.2	212.0	233.0	226.6	242.9
Coffee	75.5	79.9	85.8	108.2	117.0	133.1	128.6	121.8	128.0	129.0	139.0
Raw Cotton	107.8	91.6	138.3	168.8	136.4	197.5	193.0	168.6	164.4	182.9	227.3
Raw Jute	96.2	109.5	98.5	103.4	116.8	126.6	148.8	146.6	138.5	129.4	137.0
Groundnut seed	87.7	104.1	165.7	173.3	129.1	142.2	171.8	146.0	185.0	224.8	270.5
Sugarcane	100.6	110.1	117.0	118.4	124.1	125.8	125.0	136.2	166.0	188.6	189.9
Tobacco Raw	100.3	139.7	146.0	175.3	180.4	203.1	145.5	147.1	153.3	147.0	142.9
Petrol	116.5	121.6	178.8	272.1	282.8	285.0	286.4	299.1	361.3	430.7	505.5
Diesel Oil	104.9	105.9	119.5	194.3	206.4	213.9	214.1	164.0	186.5	279.8	373.3
Rubber	104.7	104.7	104.7	166.3	153.2	125.2	135.3	199.4	214.8	255.0	301.2
Synthetic rubber	100.0	100.0	100.0	100.0	100.0	100.8	106.6	109.6	138.3	174.4	190.1
Rubber Products	101.7	103.7	105.3	140.0	156.9	157.2	156.9	181.9	214.9	248.8	283.8
Tyres	100.8	102.0	101.6	131.7	146.1	146.2	146.3	176.8	212.3	252.6	294.6
Tubes	100.9	105.1	104.4	137.5	163.6	175.3	171.2	198.1	241.8	270.2	301.1
Camel back	103.9	107.3	112.6	159.7	188.0	180.7	174.7	190.3	213.1	236.3	265.2
Rubber & Plastic Shoes	100.6	100.7	101.3	126.2	128.6	127.4	128.2	135.2	147.6	158.4	158.4
Rubber belting	104.8	109.3	122.0	168.4	184.0	184.2	192.1	208.2	236.5	266.1	291.5
Hoses	102.3	108.0	114.2	175.9	197.4	197.8	202.4	247.0	300.2	354.8	398.7
Sponge Rubber	113.1	116.4	133.2	190.5	217.6	226.2	231.2	196.5	221.1	226.2	*
Fertilisers	100.6	105.7	113.9	203.0	214.7	186.5	177.4	175.2	167.2	242.7	273.6
Nitrogenous fert.	99.8	104.7	109.5	191.4	194.6	186.2	181.1	178.6	171.7	254.7	281.0
Phosphatic fert.	102.8	108.5	124.3	226.4	261.0	190.6	173.6	172.1	160.2	222.1	263.0
Potassic fert.	98.6	102.6	115.3	224.4	223.8	167.4	148.8	147.3	146.7	196.6	235.8
Insecticides	101.6	111.6	131.6	200.3	216.2	232.4	232.2	236.9	272.2	328.6	351.8
Rubber Chemicals	105.9	111.3	111.3	203.1	240.4	243.7	251.1	278.7	316.6	380.8	418.3
Transport Equipments	107.5	116.4	124.0	156.8	170.8	168.1	171.8	186.6	229.9	263.0	295.9
Cars	111.2	113.6	118.5	155.1	168.0	148.2	158.3	184.4	253.2	302.4	363.1
Trucks	107.5	125.6	131.6	162.6	178.2	176.4	182.2	194.4	236.9	275.9	312.4
Buses	105.3	113.8	119.8	153.5	170.2	170.2	170.3	185.6	234.0	274.8	300.3
Scooters	100.0	100.5	104.1	131.6	137.7	143.5	146.8	157.5	198.7	224.2	244.7
Cycles	106.1	104.6	110.4	137.6	147.1	149.4	148.8	161.5	177.9	184.4	197.6
All Commodities	105.6	116.2	139.7	174.9	173.0	176.6	185.8	185.8	217.6	257.3	280.6

** : Not available

Source: Office of the Economic Adviser, Ministry of Industry

Table 51

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	..	311	15296*
1937	60856	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 52

AREA UNDER RUBBER IN PRINCIPAL TERRITORIES (In Thousand Hectares)

(1)	END OF (2)	SMALL HOLDINGS (3)	ESTATES (4)	High Yielding (5)	TOTAL		Grand Total (7)
					Ordinary (6)		
Peninsular Malaysia	1980	1206	491	485	6		1697
Sarawak	1980	198	2	96	104		200
Sabah	1980	16	91	86	21		107
Indonesia	1977	1862	465	..	..		2327
Thailand +	1974	1334	70	272	1132		1404
Nigeria +	1980	147	53	82	118		200
Sri Lanka	1975	122	106	173	55		228
India	1980	182	60	195	47		242
Liberia	1973	43	77	..	..		120
Vietnam +	1965	25	75	72	..		100
Zaire	1959	25	68	..	..		93
Burma +	1964	28	35	18	45		63
Cambodia	1965	..	48	45	3		48
Cameroon Utd. Republic	1976	..	20	..	..		20
Brazil	1965	10	10	..	..		20
Philippines	1978	..	54	..	..		54

Note: Estate acreage refers to holdings of 40 hectares and over except for Vietnam where they refer to holdings of over 500 hectares
+ Estimated or partly estimated

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

Table 53

PRODUCTION OF NATURAL RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

	1971 (1)	1972 (2)	1973 (3)	1974 (4)	1975 (5)	1976 (6)	1977 (7)	1978 (8)	1979 (9)	1980 (10)	1981 (11)	1982 (12)
Malaysia	1318.5	1304.3	1542.3	1524.7	1459.3	1612.4	1588.0	1582.4	1570.1	1530.0	1529.4	
Indonesia*	819.3	773.7	885.8	855.0	822.5	847.5	835.0	802.5	805.0	1020.0	887.5	
Thailand*	318.8	336.9	390.0	379.5	355.0	411.9	430.9	467.0	531.2	501.1	504.0	
Sri Lanka	141.4	140.4	154.7	132.0	148.8	152.1	146.2	155.7	152.7	133.1	123.9	
Vietnam	34.5	20.3	20.6	22.0	20.0	32.5	35.0	40.0	50.0	50.0	40.0	
Cambodia	1.1	15.3	20.0	27.5	10.0	20.0	15.0	18.0	10.0	--	1.0	
India	98.9	109.1	123.2	128.4	136.0	147.8	151.6	133.0	147.2	155.4	150.7	
Brazil	24.2	25.8	23.4	18.6	19.3	20.3	22.6	23.7	25.0	27.8	30.3	
Liberia	74.2	83.3	85.5	86.2	82.8	82.4	80.0	78.5	73.0	69.5	66.5	
Nigeria	61.8	57.2	66.3	75.0	67.8	52.5	59.3	57.5	56.2	44.5	40.0	
Others	123.14	133.94	150.67	155.47	175.61	201.17	219.15	242.05	268.05	286.59	302.25	
Total†	3085.0	3120.0	3505.0	3445.0	3315.0	3585.0	3625.0	3755.0	3860.0	3830.0	3665.0	

† Including allowances for apparent discrepancies in officially reported statistics.

* Exports plus estimated consumption.

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

Table 54

NET EXPORTS OF NATURAL RUBBER FROM MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

(1)	1971 (2)	1972 (3)	1973 (4)	1974 (5)	1975 (6)	1976 (7)	1977 (8)	1978 (9)	1979 (10)	1980 (11)	1981 (12)
Malaysia	1356.1	1331.2	1590.7	1531.0	1424.3	1579.9	1606.8	1564.9	1609.5	1481.9	1454.3
Indonesia	757.8	733.9	841.5	794.7	788.3	811.5	800.2	863.3	861.0	976.1	808.7
Thailand	307.3	324.4	368.2	365.2	334.7	373.0	404.0	441.8	517.8	456.8	476.0
Sri Lanka	137.8	138.3	131.1	127.9	160.9	136.9	134.5	138.0	128.2	120.9	132.5
Vietnam	31.1	21.8	20.5	23.0	7.5	34.0	33.0	35.0	40.0	35.0	24.0
Cambodia	0.5	9.3	19.2	26.4	10.0	21.0	14.0	16.0	9.5	—	1.0
Liberia	74.2	83.3	85.5	86.2	82.8	80.7	80.0	78.0	73.0	69.5	66.5
Nigeria	50.2	41.2	49.4	60.0	52.7	32.5	35.4	29.4	26.3	14.6	14.2
Others *	85.9	89.3	97.6	83.4	80.2	91.6	99.4	91.2	89.3	102.5	95.5
Total +	2835.0	2810.0	3180.0	3110.0	2920.0	3165.0	3207.5	3245.0	3320.0	3260.0	3075.0

* Estimated.

+ Including allowances for apparent discrepancies in officially reported statistics.

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

Table 55

CONSUMPTION OF NATURAL RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U.S.A.	587.1	650.9	712.0	738.4	665.9	686.7	801.8	770.8	740.4	585.0	635.0
Japan	295.0	312.0	335.0	312.0	285.2	302.0	320.0	355.0	390.0	427.0	436.0
U.K.	184.8	174.0	186.5	167.3	170.5	168.3	172.4	139.2	137.5	130.8	120.0
F. R. Germany	198.2	193.0	205.6	193.9	197.1	195.2	176.5	184.9	184.5	179.7	169.1
France	159.2	160.2	162.3	162.4	156.2	166.8	163.6	163.2	177.0	187.7	167.2
Italy	121.0	118.0	120.0	125.0	118.0	135.0	128.0	113.0	128.0	132.0	123.0
India	93.1	101.1	123.3	133.5	129.1	133.5	142.8	158.2	167.7	170.8	181.4
Canada	52.0	60.4	60.4	63.3	72.3	84.7	90.4	89.1	93.8	80.0	82.0
Eastern Europe	475.0	485.0	490.0	500.0	475.0	460.0	425.0	425.0	430.0	415.0	400.0
China *	210.0	210.0	217.5	217.5	225.0	240.0	280.0	300.0	335.0	340.0	275.0
Australia	40.5	46.3	52.1	59.4	49.9	50.0	41.4	41.1	45.4	42.2	41.9
Brazil	41.8	44.2	51.1	57.9	58.7	66.1	71.4	72.5	75.9	81.0	74.4
Netherlands	22.0	23.2	23.4	24.8	22.6	21.9	21.2	18.7	20.4	20.1	19.0
Others	575.0	617.5	650.0	722.5	710.0	750.0	802.5	855.0	902.5	930.0	932.5
Total +	3092.5	3230.0	3402.5	3517.5	3367.5	3505.0	3715.0	3725.0	3870.0	3760.0	3700.0

* Provisional

+ Including allowances for discrepancies in officially reported statistics.

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

Table 56

PRODUCTION OF SYNTHETIC RUBBER IN MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	2277.0	2455.4	2607.4	2396.2	1989.5	2425.5	2660.0	2661.7	2720.3	2241.0	2248.0
Canada	197.4	195.5	229.8	208.8	173.3	209.9	237.9	248.3	282.5	252.8	263.3
F. R. Germany	306.4	300.0	392.9	371.8	315.9	372.6	414.3	406.9	418.5	389.9	396.8
U. K.	285.4	316.6	364.4	335.8	260.8	320.4	329.2	293.7	277.7	211.8	189.8
France	323.1	368.1	457.7	462.7	350.4	437.0	478.9	491.5	541.4	510.8	487.3
Italy +	160.0	186.0	230.0	240.0	200.0	250.0	240.0	250.0	270.0	250.0	235.0
Netherlands +	191.0	186.4	262.8	245.3	215.9	246.6	240.0	222.8	238.4	211.7	210.8
Belgium +	60.0	60.0	65.0	65.0	65.0	115.0	119.0	124.0	125.0	115.0	108.0
Czechoslovakia +	52.2	51.3	54.8	51.2	56.7	57.0	58.8	58.9	59.2	60.0	63.0
U. S. S. R. +	950.0	1150.0	1350.0	1500.0	1600.0	1700.0	1800.0	1950.0	2025.0	2040.0	2000.0
German Democratic Republic	129.4	132.7	133.5	139.4	143.9	145.5	147.0	145.0	150.0	150.0	155.0
China +	35.0	35.0	40.0	40.0	40.0	50.0	60.0	70.0	80.0	90.0	85.0
Spain +	45.4	50.4	67.9	68.1	66.1	73.3	87.1	86.3	86.7	81.1	75.0
Japan	779.8	819.4	967.5	857.9	788.7	941.3	971.0	1028.9	1107.2	1094.1	1010.3
Australia	43.4	41.7	42.8	45.0	37.6	42.2	43.5	43.5	42.8	46.0	43.0
Brazil	78.2	94.6	125.6	155.2	128.8	164.4	188.1	206.1	223.8	249.1	228.9
India	33.0	27.8	21.0	17.9	23.0	23.3	27.4	28.3	32.1	22.5	28.7
South Africa	29.7	30.0	28.4	32.0	31.8	34.6	27.2	31.8	31.2	38.7	36.5
Argentina +	42.5	47.5	57.5	50.0	40.0	45.0	36.0	34.0	37.0	33.0	28.0
Mexico +	48.7	53.3	54.3	65.5	60.0	69.5	62.6	80.3	84.4	90.8	105.0
Poland	66.2	78.0	93.8	100.5	107.9	116.9	119.4	125.6	129.9	117.9	111.1
Romania	71.0	73.3	83.0	92.3	92.9	95.2	136.2	147.5	148.8	150.4	160.0
Total*	6215.0	6765.0	7760.0	7575.0	6850.0	8025.0	8615.0	8910.0	9330.0	8670.0	8490.0

* Including estimates for those countries not reported separately.

+ Estimated

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

Table 57

EXPORT OF SYNTHETIC RUBBER FROM MAIN PRODUCING COUNTRIES

(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.*	280.8	266.5	290.5	278.9	222.6	276.5	248.8	269.8	408.3	448.8	357.0
Canada	120.7	108.0	104.0	76.0	75.0	94.0	109.0	108.0	127.0	129.0	98.5
U. K.	128.6	144.2	171.7	169.2	107.4	139.6	148.6	132.9	128.5	110.9	--
F. R. Germany	122.0	137.5	162.8	154.2	137.2	172.2	218.3	201.8	222.6	221.1	234.7
Italy	50.2	71.1	94.6	101.4	91.5	94.3	97.3	103.2	118.9	103.6	103.1
France	181.8	225.9	280.4	275.9	243.4	280.5	300.5	334.8	372.1	354.7	340.5
Netherlands	161.2	178.0	236.0	201.9	167.8	184.3	176.5	195.6	209.6	188.2	186.0
Japan	261.2	263.0	267.6	231.7	244.6	273.6	300.7	279.2	255.1	233.6	213.3
Brazil	--	0.5	0.8	1.3	2.1	1.0	0.3	6.7	13.6	13.4	28.0
Belgium-Luxemburg*	60.0	60.0	65.0	65.0	75.0	120.0	135.7	136.8	160.0	132.3	146.0
Czechoslovakia	5.7	5.8	6.2	4.3	5.1	2.7	3.6	1.0	4.2	3.7	5.0
German Democratic Republic	62.7	75.4	74.9	70.0	72.6	73.6	77.0	75.0	75.0	75.0	75.0
Poland	7.2	10.8	22.4	11.7	24.3	32.6	35.6	35.6	41.7	30.8	36.0
Romania	28.7	32.2	33.4	31.9	39.0	41.3	52.3	68.6	67.4	57.6	60.0
South Africa	2.2	3.2	4.3	4.0	3.1	2.6	2.1	2.1	3.3	3.0	4.3
U. S. S. R.	70.5	75.0	88.1	87.5	119.4	125.0	132.0	140.0	145.0	150.0	150.0
Spain	3.3	3.9	4.4	5.0	6.9	10.8	9.8	9.9	12.3	12.4	8.4
Sweden@	3.1	1.8	2.1	3.7	5.3	8.0	8.7	9.3	9.3	8.8	10.7
Argentina	16.9	13.0	14.6	12.9	0.6	1.0	4.6	6.2	6.7	5.1	--
Australia	2.2	2.2	2.0	1.7	1.0	1.5	2.4	4.7	3.9	1.2	1.0
Mexico	4.7	6.0	1.6	0.4	0.3	1.2	1.6	1.8	1.5	1.5	1.5
Total	1585.0	1702.5	1957.5	1832.5	1670.0	1967.5	2100.0	2150.0	2410.0	2330.0	2225.0

* Estimate

@ Re-exports

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

Table 58

CONSUMPTION OF SYNTHETIC RUBBER IN MAIN CONSUMING COUNTRIES
(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	2126.7	2328.3	2440.2	2210.1	1963.7	2172.2	2645.2	2519.2	2501.1	1980.0	2022.0
U. K.	274.8	278.2	330.6	279.2	266.3	327.4	321.0	313.4	301.1	248.2	220.0
France	283.5	297.8	304.7	308.4	277.7	286.1	294.9	296.2	317.8	341.9	293.4
F. R. Germany	369.2	362.4	442.6	404.2	359.9	438.3	431.2	429.5	447.1	421.3	396.2
Italy	206.5	220.0	240.0	255.0	220.0	260.0	275.0	285.0	285.0	288.0	265.0
Netherlands	54.9	56.9	61.4	62.0	56.9	53.3	52.8	52.6	69.9	69.9	66.7
Eastern Europe	1225.0	1415.0	1610.0	1800.0	2000.0	2100.0	2250.0	2400.0	2485.0	2510.0	2450.0
China (P)	50.0	60.0	52.5	52.5	55.0	60.0	70.0	85.0	95.0	110.0	110.0
Australia	59.9	57.9	65.8	64.4	50.1	57.1	53.0	57.5	50.7	58.7	57.9
Brazil	97.5	114.3	149.5	166.2	176.3	201.6	204.7	222.0	225.4	243.8	201.3
Canada	158.3	172.8	186.2	181.3	179.3	203.9	207.1	203.9	232.0	200.0	210.0
India	36.7	38.1	24.7	21.5	32.0	33.4	34.5	37.5	38.4	46.1	43.8
Japan	525.0	588.0	710.0	615.0	584.8	658.0	690.0	741.0	830.0	885.0	851.0
Total +	6185.0	6730.0	7575.0	7450.0	7027.5	7915.0	8615.0	8770.0	9125.0	8685.0	8435.0

+ Including allowances for apparent discrepancies in officially reported statistics and estimates for those countries not reported separately

P : Provisional

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

Table 59

PRODUCTION OF RECLAIMED RUBBER IN MAIN PRODUCING COUNTRIES
(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	202.4	197.6	204.9	135.9	120.8	110.7	121.1	123.7	123.7	--	--
U. K.	29.5	25.7	25.9	25.8	24.6	24.3	23.0	20.7	19.9	15.4	--
France	36.9	34.7	32.6	33.2	33.3	33.6	32.9	33.9	32.1	32.3	27.9
F. R. Germany*	14.9	10.0	13.7	14.5	10.8	14.1	13.3	11.9	--	--	--
Canada	13.6	14.0	8.0	7.7	3.9	4.6	3.4	3.8	5.2	3.0	3.0
Brazil	22.0	23.7	27.8	29.4	28.5	31.6	31.6	32.6	32.5	37.7	25.9
Australia	9.0	8.5	9.3	9.2	5.8	4.2	1.1	0.9	0.6	0.2	0.2
Total	328.3	314.2	322.3	255.7	227.5	223.1	226.5	223.0	--	--	--

* Calculated by equating imports, exports, consumption and stocks.

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

Table 60

CONSUMPTION OF RECLAIMED RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	203.7	190.6	167.5	139.7	119.7	107.2	122.7	126.4	113.0	--	--
U. K.	22.9	21.2	19.9	17.0	17.8	16.4	16.7	15.8	15.9	13.9	--
F. R. Germany*	26.9	23.3	20.3	18.4	16.4	15.7	14.2	12.3	12.7	10.8	8.8
Canada	17.9	17.7	18.1	13.3	12.5	11.2	9.5	9.2	12.0	10.4	10.7
Brazil	22.8	24.1	27.5	29.4	28.5	31.8	31.2	32.3	33.2	36.8	28.6
Australia	9.6	9.1	10.9	9.6	6.0	5.3	2.7	2.7	3.1	1.7	1.8
Total	303.8	286.0	264.2	227.4	200.9	187.6	197.0	198.7	189.9	--	--

* Figures exclude rubber consumed outside the rubber industry

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

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Table 59

PRODUCTION OF RECLAIMED RUBBER IN MAIN PRODUCING COUNTRIES
(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	202.4	197.6	204.9	135.9	120.6	110.7	121.1	123.7	123.7	--	--
U. K.	29.5	25.7	25.9	25.8	24.6	24.3	23.0	20.7	19.9	15.4	--
France	36.9	34.7	32.6	33.2	33.3	33.6	32.9	33.9	32.1	32.3	27.9
F. R. Germany*	14.9	10.0	13.7	14.5	10.8	14.1	13.3	11.9	--	--	--
Canada	13.6	14.0	8.0	7.7	3.9	4.6	3.4	3.8	5.2	3.0	3.0
Brazil	22.0	23.7	27.8	29.4	28.5	31.6	31.6	32.6	32.5	37.7	25.9
Australia	9.0	8.5	9.3	9.2	5.8	4.2	1.1	0.9	0.6	0.2	0.2
Total	328.3	314.2	322.3	255.7	227.5	223.1	226.5	223.0	--	--	--

* Calculated by equating imports, exports, consumption and stocks.

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

Table 60

CONSUMPTION OF RECLAIMED RUBBER IN MAIN CONSUMING COUNTRIES

(In Thousand Metric Tonnes)

	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
U. S. A.	203.7	190.6	167.5	139.7	119.7	107.2	122.7	126.4	113.0	--	--
U. K.	22.9	21.2	19.9	17.0	17.8	16.4	16.7	15.8	15.9	13.9	--
F. R. Germany*	26.9	23.3	20.3	18.4	16.4	15.7	14.2	12.3	12.7	10.8	8.8
Canada	17.9	17.7	18.1	13.3	12.5	11.2	9.5	9.2	12.0	10.4	10.7
Brazil	22.8	24.1	27.5	29.4	28.5	31.8	31.2	32.3	33.2	36.8	28.6
Australia	9.6	9.1	10.9	9.6	6.0	5.3	2.7	2.7	3.1	1.7	1.8
Total	303.8	286.0	264.2	227.4	200.9	187.6	197.0	198.7	189.9	--	--

* Figures exclude rubber consumed outside the rubber industry

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

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Table 61

PRODUCTION, CONSUMPTION AND STOCK OF NATURAL AND SYNTHETIC RUBBER

(In Thousand Metric Tonnes)

YEAR	New Supply*	NATURAL RUBBER			SYNTHETIC RUBBER			
		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	3102.5	3092.5	+ 10.0	1485.0	6215.0	6185.0	+ 30.0	1490.0
1972	3167.5	3230.0	— 62.5	1420.0	6765.0	6730.0	+ 35.0	1525.0
1973	3570.0	3402.5	+ 167.5	1585.0	7760.0	7575.0	+ 185.0	1710.0
1974	3520.0	3517.5	+ 2.5	1590.0	7575.0	7450.0	+ 125.0	1835.0
1975	3330.0	3367.5	— 37.5	1550.0	6850.0	7027.5	— 177.5	1655.0
1976	3590.0	3505.0	+ 85.0	1635.0	8025.0	7915.0	+ 110.0	1765.0
1977	3625.0	3715.0	— 90.0	1535.0	8615.0	8615.0	—	1765.0
1978	3755.0	3725.0	+ 30.0	1555.0	8910.0	8770.0	+ 140.0	1905.0
1979	3860.0	3870.0	— 10.0	1545.0	9330.0	9125.0	+ 205.0	2110.0
1980	3830.0	3760.0	+ 70.0	1630.0	8670.0	8685.0	— 15.0	2070.0
1981	3665.0	3700.0	— 35.0	1615.0	8490.0	8435.0	+ 55.0	2090.0

* Production (vide table 53) plus deliveries from Government Stockpiles.

@Vide table 55

** Vide table 56

+ Vide table 58

Table 62

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

Year	U. S. A.	U. K.	France	F. R. Germany	Italy	Netherlands	Eastern Europe(P)	China(P)	Australia	Brazil	Canada	India	Japan	World
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
1971	78.37	59.79	64.04	65.06	63.05	71.39	72.06	19.23	59.67	70.01	75.26	28.25	64.02	66.67
1972	78.15	61.52	65.03	65.25	65.09	71.04	74.47	19.23	55.53	72.10	74.12	27.35	65.33	67.57
1973	77.41	63.93	65.25	68.28	66.67	72.46	76.67	19.44	55.80	74.51	75.49	16.71	67.94	69.00
1974	74.96	62.53	65.51	67.58	67.11	71.47	78.26	19.44	52.05	74.15	74.12	13.86	66.34	67.93
1975	74.68	60.97	64.00	64.61	65.09	71.55	80.81	19.64	50.09	75.02	71.26	19.86	67.22	67.60
1976	75.98	66.05	63.18	69.18	65.82	70.85	82.03	20.00	53.33	75.31	70.66	20.01	68.54	69.31
1977	76.74	65.06	64.31	70.96	68.24	71.37	84.11	20.00	56.12	74.15	69.62	19.48	68.32	69.87
1978	76.57	69.24	64.48	69.90	70.11	73.72	84.96	22.08	58.30	75.38	69.60	19.18	67.61	70.19
1979	77.16	68.65	64.23	70.78	69.01	77.43	85.25	22.09	52.79	74.80	71.22	18.64	68.03	70.22
1980	77.19	65.49	64.56	70.10	68.57	77.62	85.81	24.44	58.18	75.05	71.43	21.27	67.45	69.79
1981	76.10	64.71	63.70	70.09	68.30	77.82	85.96	28.57	57.99	73.02	71.92	19.40	66.12	69.51

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

Table 63

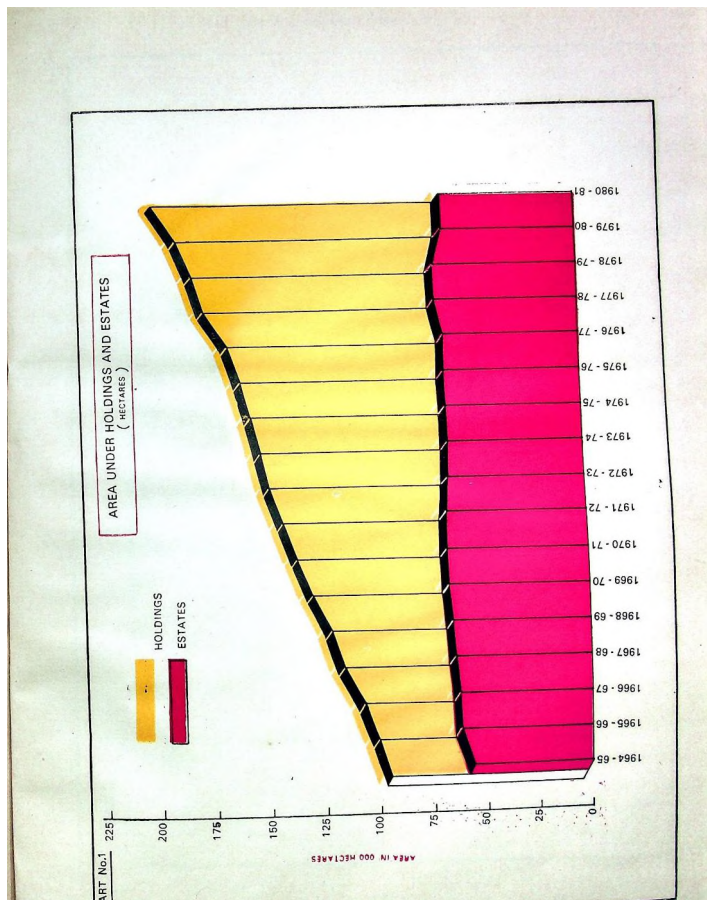
ESTIMATED PERCAPITA CONSUMPTION OF NATURAL AND SYNTHETIC RUBBER
(kg.)

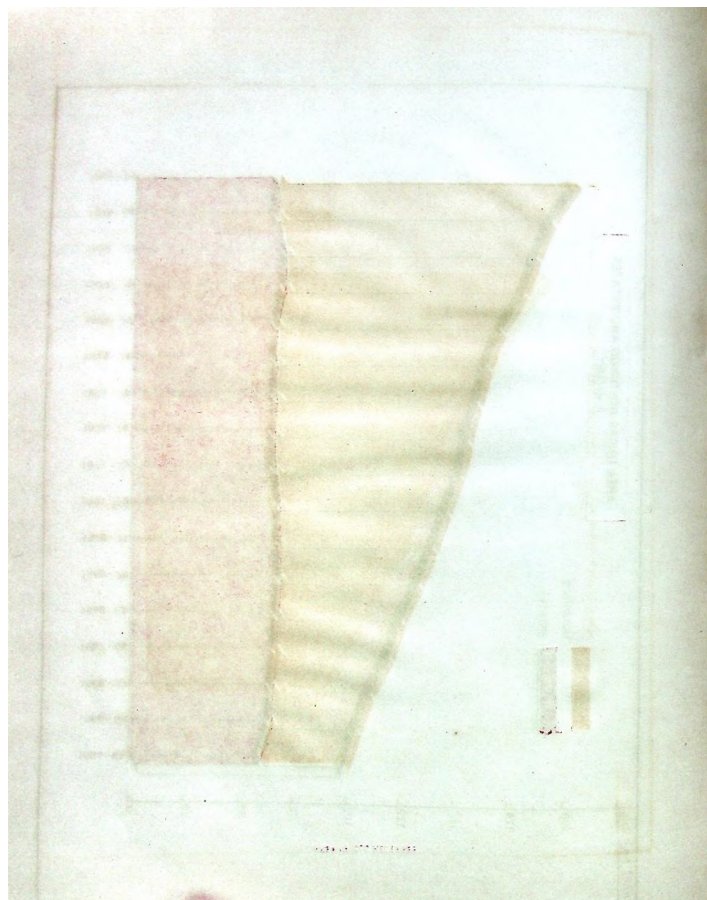
Country (1)	1954 (2)	1960 (3)	1966 (4)	1969 (5)	1972 (6)	1975 (7)	1978 (8)	1981 (9)
U S A	7.71	8.76	11.41	13.15	14.26	12.31	14.92	11.56
Canada	4.76	5.16	7.79	8.50	10.69	11.07	12.47	12.05
F R Germany	3.04	4.77	6.43	8.53	9.01	9.01	10.02	9.17
France	3.36	4.85	6.12	7.56	8.86	8.22	8.62	8.54
U K	5.08	5.74	6.99	8.22	8.11	7.82	8.11	6.09
Japan	1.09	2.47	4.43	6.73	8.40	7.80	9.54	10.94
Australia	5.17	6.17	6.12	7.56	7.91	7.26	6.92	6.69
Netherlands	2.00	2.84	3.72	3.78	6.01	5.82	5.12	6.02
Italy	141	2.68	4.30	5.25	6.21	6.05	6.67	6.78
Brazil	0.68	0.88	0.99	1.18	1.62	2.21	2.55	2.27
China	0.08	0.16	0.26	0.30	0.30	0.31	0.41	0.38
India	0.07	0.12	0.18	0.22	6.25	0.27	0.31	0.33

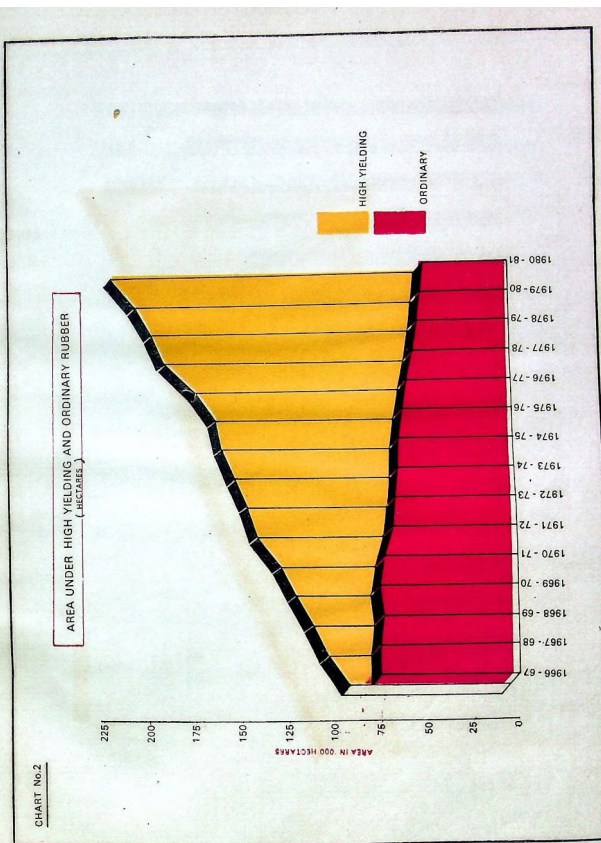
Table 64

WORLD PRICE OF NATURAL RUBBER
(Average Price for RSS 1 per 100 Kg.)

YEAR (1)	LONDON (Spot)		NEW YORK		KUALALUMPUR	
	Pound Sterling (2)	Equivalent Rate in Rs. (3)	US Dollars (4)	Equivalent Rate in Rs. (5)	Malaysian Dollars (6)	Equivalent Rate in Rs (7)
1959	27.65	369	80.58	384	223.9	348
1960	29.53	394	84.12	400	238.3	371
1961	22.74	303	65.05	310	184.2	287
1962	21.40	285	62.96	300	172.4	268
1963	19.99	266	57.89	276	159.7	248
1964	18.92	252	55.65	265	150.2	234
1965	19.70	263	56.84	270	154.4	240
1966	18.23	263	52.08	391	144.1	353
1967	16.89	266	43.88	329	119.2	292
1968	17.25	310	43.74	328	117.1	287
1969	23.10	416	57.75	433	153.9	377
1970	18.70	337	45.25	347	124.4	305
1971	15.13	285	39.90	299	101.6	258
1972	14.89	281	40.21	311	93.5	251
1973	31.63	597	78.51	623	165.5	597
1974	33.17	621	86.80	689	179.4	472
1975	30.21	566	65.89	591	135.7	707
1976	48.49	790	87.23	785	199.1	723
1977	51.83	794	91.69	800	202.8	816
1978	54.37	855	110.81	911	230.0	1042
1979	60.70	1041	142.33	1166	279.4	1132
1980	63.97	1174	162.54	1295	312.3	974
1981	56.24	988	125.19	1092	257.8	







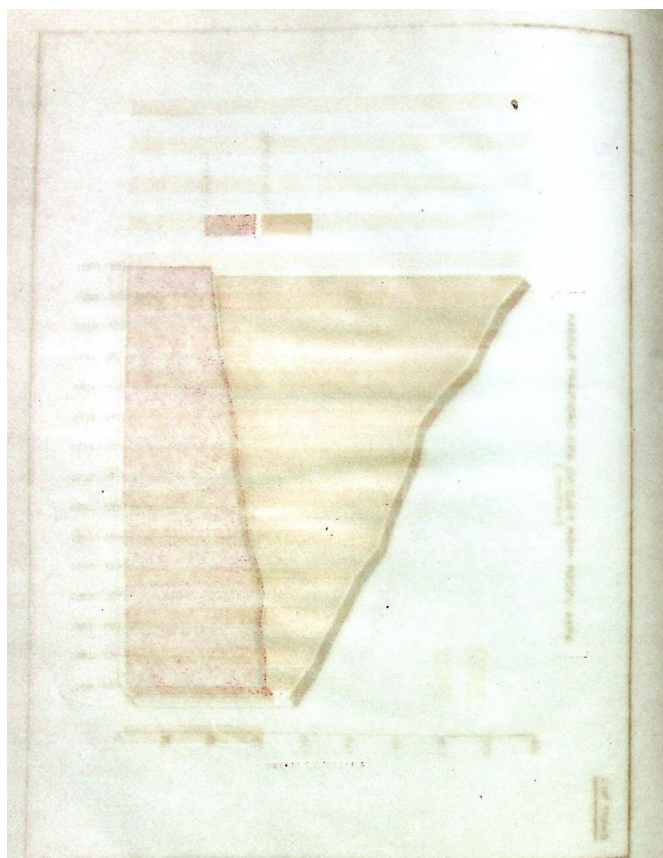
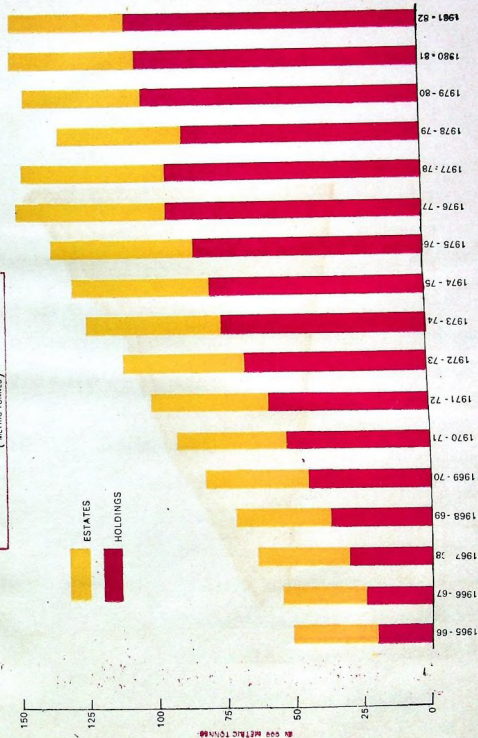


CHART No. 3

PRODUCTION OF HOLDINGS AND ESTATES
(METRIC TONNES)



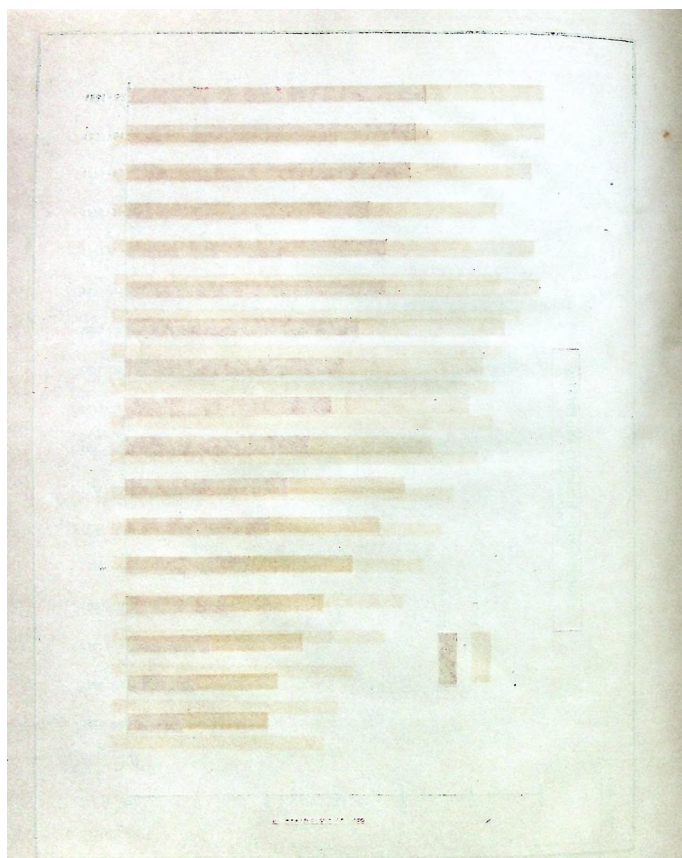
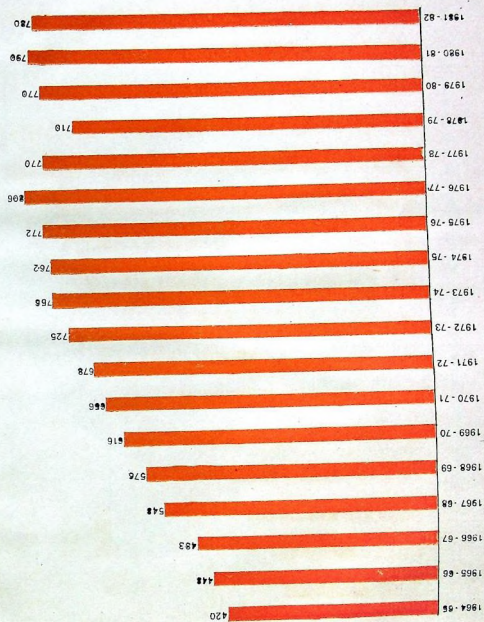


CHART No. 4

AVERAGE YIELD PER HECTARE OF RUBBER
(in tonnes)



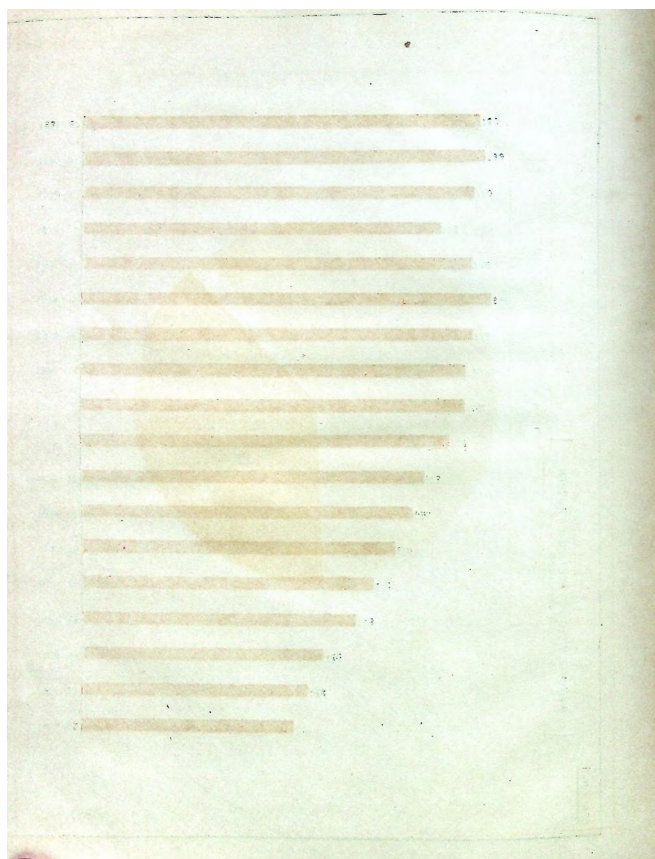
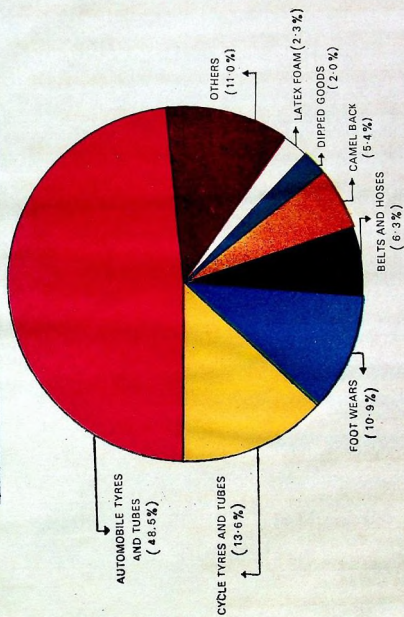
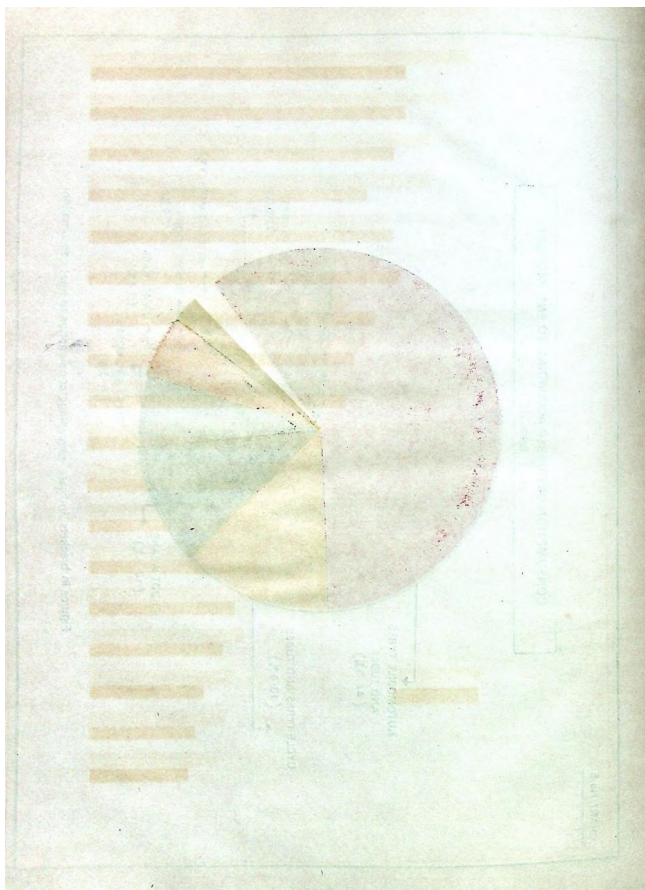


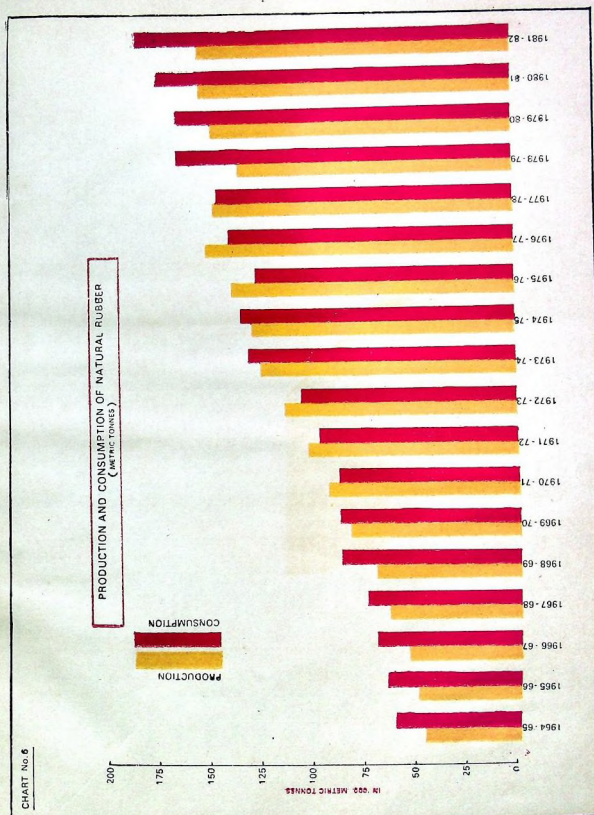
CHART No. 5

CONSUMPTION OF RUBBER ACCORDING TO END PRODUCTS
(1980 - 81)



Figures in brackets indicate percentage consumption to total consumption





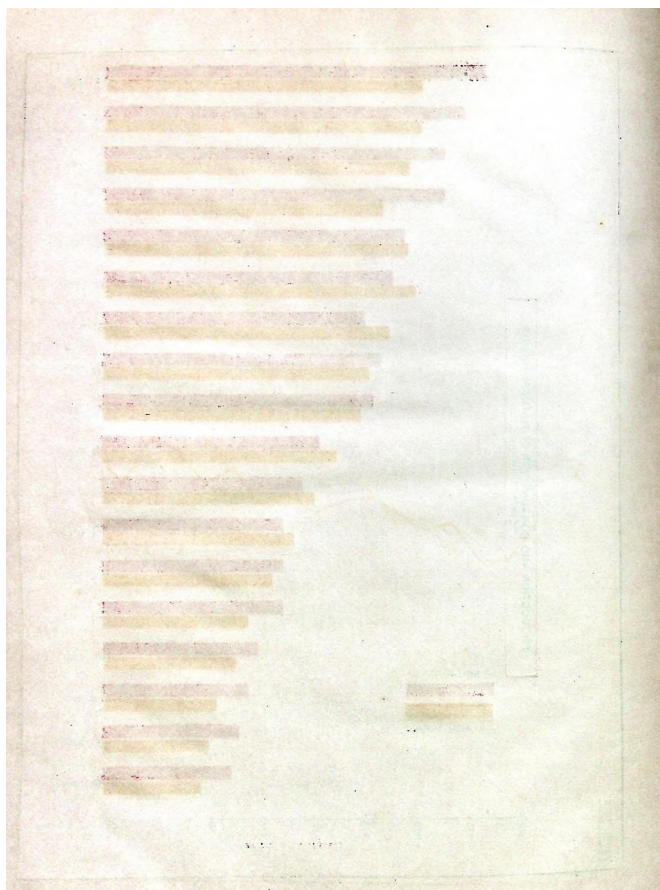
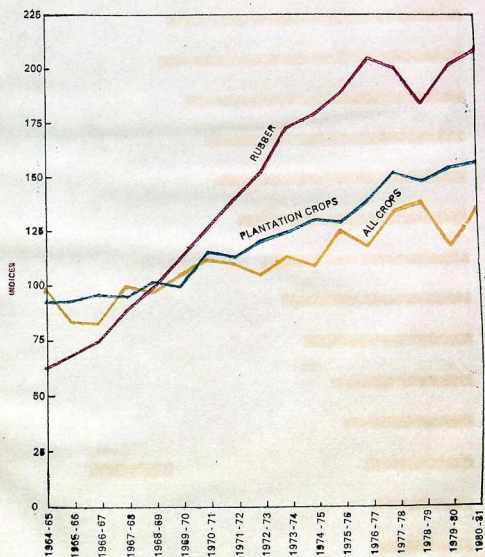


CHART No. 7

MOVEMENT OF PRODUCTION INDICES
(BASE TRIENNIUM ENDING 1969-70=100)



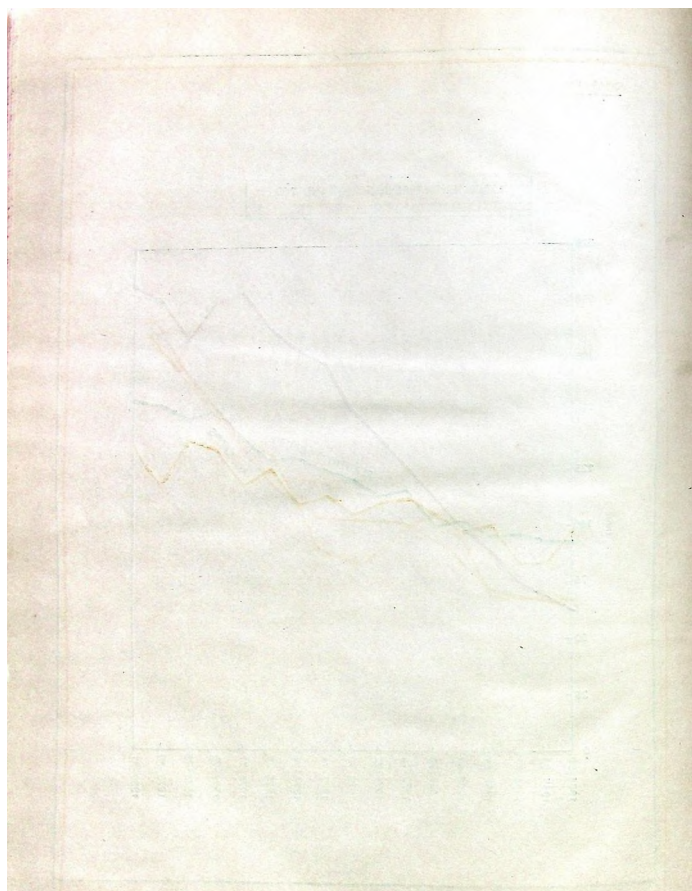


CHART No.8

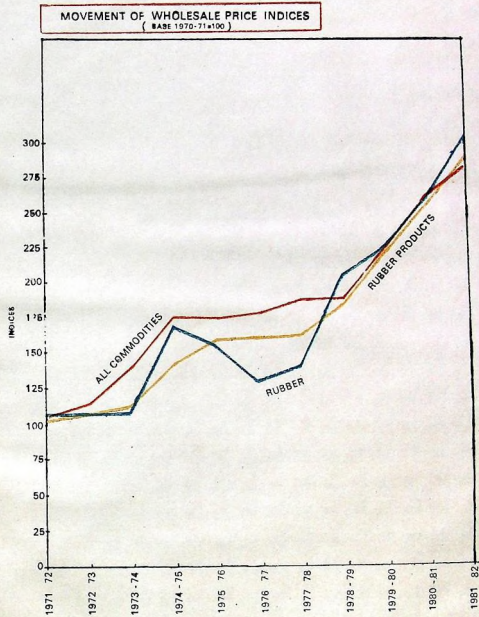


CHART No. 9

NUMBER OF RUBBER GOODS MANUFACTURERS



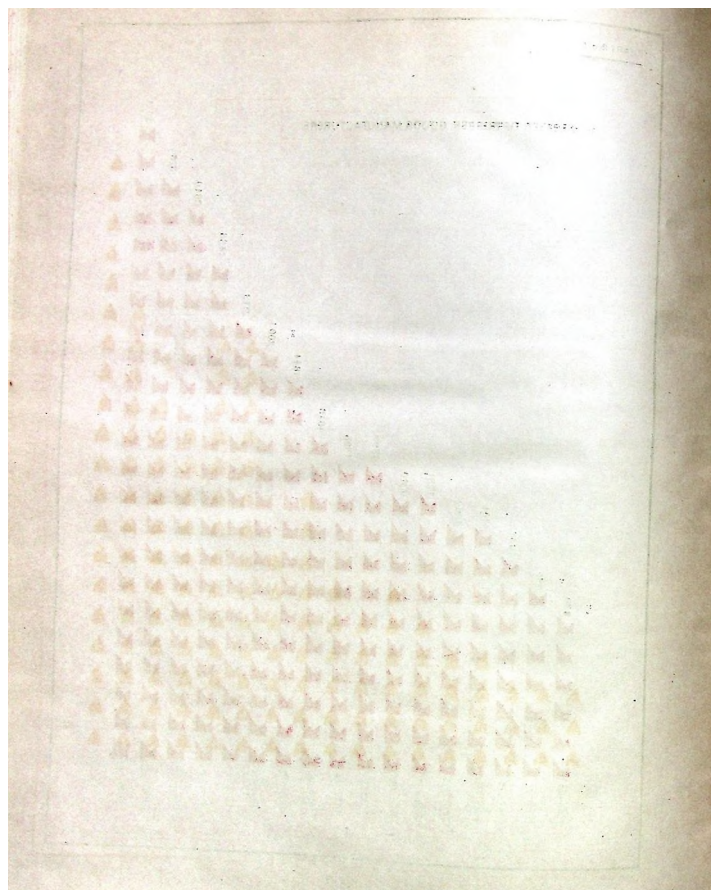
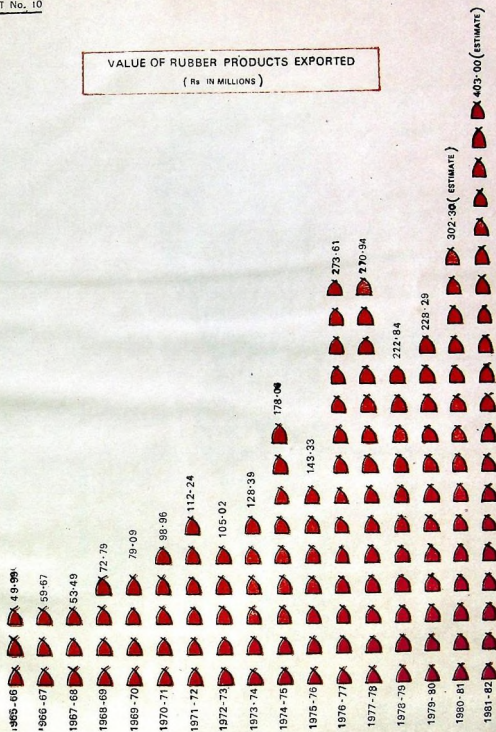


CHART No. 10

VALUE OF RUBBER PRODUCTS EXPORTED
(Rs IN MILLIONS)



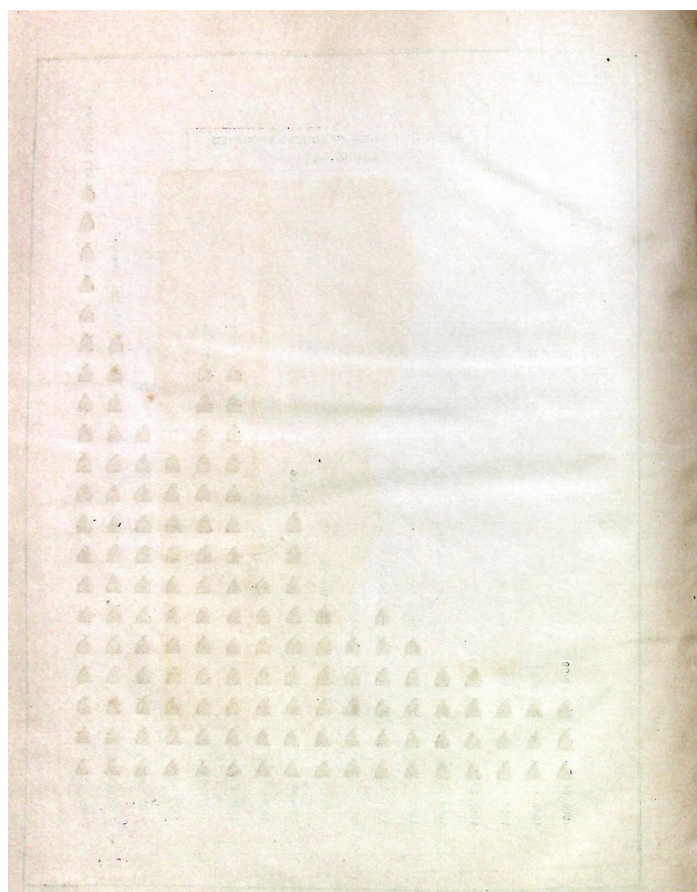
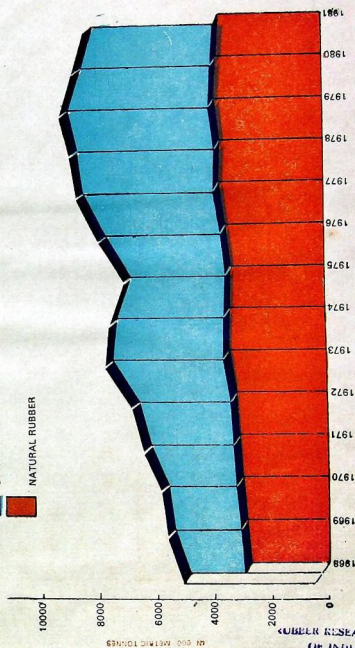


CHART No. 11

WORLD CONSUMPTION OF NATURAL RUBBER AND SYNTHETIC RUBBER
(METRIC TONNES)

SYNTHETIC RUBBER
NATURAL RUBBER



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